

WORKING CATALOGUE

Moonline, The Running Magnet 2.0, The Tracking Magnet,
The Black Line, Circle of Light, In-Finity, Light Cut,
Light Cut Mini, Mini Beam, Thin Led, Led Curtain,
Led Squad, Light Bell, Super Flat, Sun, Tubular Bells,
Wall System, Fort Knox Wall, Kap Surface, Compass Box,
Bon Jour, Good Square, Kap, Light Shooter, Light Sniper,
Light Supply, Compass Box Recessed, Micro Battery,
Battery, Led Pipes, Decofix, Compass, Pure Downlight,
Wan Downlight, Light Soldier, Downtown, Ecolight, Orbital,
Find Me, UT Spot, Belvedere, Fort Knox, Compass Spot,
Solid Pure, Pure Spot, LightLight[®], Wan Spot, G-O,
TheBlockOfLight, Giano, Box, Stealth,
Neutron, Faretto.

ARCHITECTURAL LIGHTING

Wall Rupture, Softprofile, Soft Led Curtain, Kaprofile,
Lightlight[®] In System Profile, Usp, Juncos,
Wall Piercing, Benguerra, Soft Spun, Abajourd'hui,
Usl, Usl QR-111, Usl Pluto, Uso Boob, Usl Out,
Usl 900 Disk, Apps, G-O In, Teardrop, Uso,
Uso Cove Lighting, Round, Square & Vertical Light,
Usb Round & Square Light, Usb Box.

ESPAÑOL / ENGLISH

<https://www.lustrograd.com/vendors/flos/>
FLOS ARCHITECTURAL LIGHTING

<https://www.lustrograd.com/vendors/flos/>

Debido a una continua evolución de nuestro producto,
los datos técnicos están sujetos a cambios.

Este marcador aparece en los productos actualizados.

Our products are constantly evolving,
thus the technical data are subject to changes.

This marker appears alongside updated products.

FLOS

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06 18 31
09 18 25
12 33 21
02 08 12
02 16 12
06 16 31
09 16 25
11 08 12
11 16 12
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511 – Juncos

1L
3L
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9L



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1x
2x
4x
2x Line



515 – Benguerra



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Halogen Small
Halogen Large
Fluorescent Small
Fluorescent Large
LED Small
LED Large



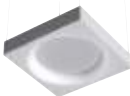
520 – Abajourd'Hui

Small
Large



520 – USL 3D

USL 800
USL 1000
USL 1400
USL 160 71



523 – USL 111

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Medium
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USO 500
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USO 600 for Modular Ceiling
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900
1700
2200
2500
100 50
140 90



SOFT - IN

560 - Round Light

Small
Medium
Large



561 - Square Light

Small
Large



562 - Vertical Light

Small
Large



563 - USB Round

1L
1L W-W
2L
2L W-W



565 - USB Square

1L
1L W-W
2L
2L W-W



567 - USB Box
Round 210



Los códigos marcados con este símbolo están incluidos en el Programa Quick Ship. Las condiciones difieren según país. Para más detalles sobre el programa y su listado actualizado de producto, por favor consulte la sección "productos" de www.flos.com. Flos se reserva el derecho a introducir cualquier cambio sin previo aviso.

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LIGHT STRUCTURES

Moonline, The Running Magnet 2.0,
The Tracking Magnet, The Black Line,
Circle of Light, In-Finity, Light Cut,
Light Cut Mini, Mini Beam,
Thin Led, Led Curtain, Led Squad.

MOONLINE

DESIGNED BY FRANK SINNAEVE AND STEPHAN GUNST



Versión Version	<p>MOONLINE LIGHT STRIP 125 mm</p> 	<p>MOONLINE LIGHT STRIP 500 mm</p> 	
Fuentes de Luz Light Sources	 <p>TOP LED 2,5W 182 lm 3000K CRI 80</p>	 <p>TOP LED 10W 728 lm 3000K CRI 80</p>	
Colores Colours	<p>00 Imprimación 00 Primer</p>	<p><input type="checkbox"/> 40 Blanco 40 White</p>	



MOONLINE

Descripción

Luminaria de interior para empotrar en pared/techo de cartón yeso que se integra perfectamente en el espacio estructural. Moonline se compone de perfiles de aluminio extruido sobre el que se posicionan, mediante un sistema de fijación magnética, módulos de iluminación con fuentes de luz LED de última generación.

Debido al sistema de fijación magnética, los módulos de luz se pueden instalar y reubicar fácilmente, sin necesidad de herramientas específicas.

Los módulos de iluminación están disponibles en 500mm y 150mm de longitud con difusor PMMA opal que garantiza una iluminación uniforme.

Disponible en los acabados: imprimación (00) y blanco (40).

Fuentes de Luz

LED:

- Top LED, 2,5/10W según versión.

Unidades de Alimentación

El producto se suministra precableado para ser conectado a una fuente de alimentación remota 24V/240W no incluida.

Accesorios

Accesorio para facilitar la extracción de los módulos de luz Light Strip.

Información Adicional

Únicamente instalable en superficies de cartón yeso de 12,5mm de espesor.

El Moonline es un sistema eléctrico alimentado a 24V y limitado a una corriente máxima de 10A.

Para evitar problemas de sobrecarga, se recomienda instalar una fuente de alimentación independiente de 240W cada 12m de instalación.

Índice de protección IP20.

Instalable sobre superficies normalmente inflamables.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Recessed luminaire for indoor use, mounted on plasterboard ceiling/wall, which integrates perfectly into the structural space. Moonline is comprised of extruded aluminium profiles with natural anodised finish. It has a magnetic fixture system that houses the lighting modules, with latest generation LED light sources.

Due to this magnetic fixture system, the light modules can be easily installed and repositioned, without the need for specific tools.

The lighting modules are available in lengths of 500mm and 150mm with opal PMMA diffuser that guarantees uniform lighting.

Available finishes: primer (00) and white (40).

Light Sources

LED:

- Top LED, 2,5/10W depending on version.

Power Supply

The product is supplied pre-wired to be connected to a 24V/240W remote power supply source not included.

Accessories

Accessory to remove the Light Strip modules much easier.

Additional Information

Can only be installed in 12.5mm thick plaster-board.

Moonline is an electric system supplied at 24V and limited to a maximum current of 10A.

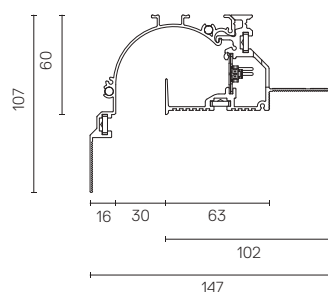
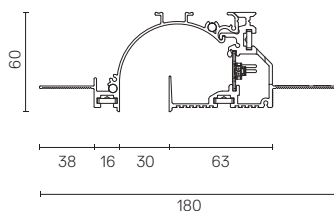
To avoid overload problems, the installation of an independent 240W power supply source is recommended for every 12m installed.

IP20 protection grade.

Suitable for installation on normally inflammable surfaces.

Compliance of Standards and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

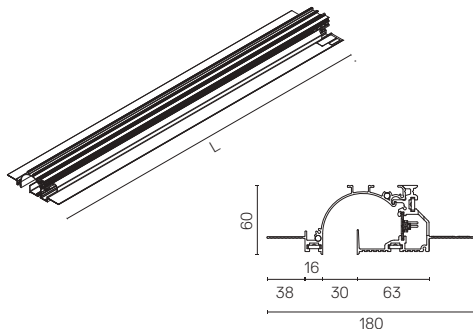


MOONLINE — PROFILES

Perfiles / Profiles

Perfil realizado en aluminio extruido para empotrar en techos/paredes de cartón yeso. Integra pista magnética para la instalación directa de los módulos de iluminación LED.

Profile made of extruded aluminium to recess into plasterboard walls/ceilings. It includes magnetic track to directly install LED lighting modules.

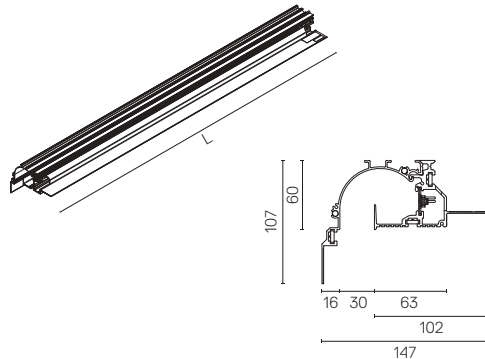


L: 1 m / 2 m / 3 m

Perfiles Perimetrales / Perimeter Profile

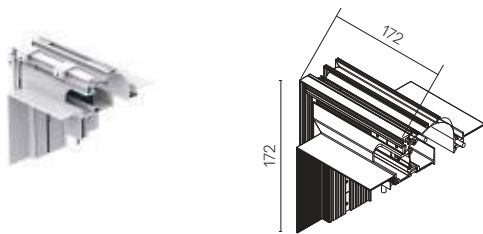
Perfil perimetral realizado en aluminio extruido para empotrar en techos/paredes de cartón yeso. Integra pista magnética para la instalación directa de los módulos de iluminación LED.

Perimeter profile made of extruded aluminium to recess into plasterboard walls/ceilings. It includes magnetic track to directly install LED lighting modules.

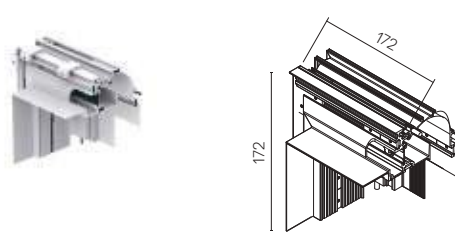


L: 1 m / 2 m / 3 m

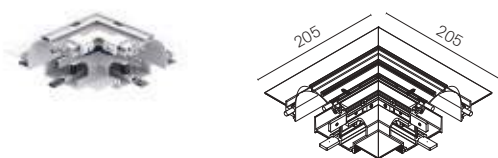
Esquina Vertical / Vertical Corner



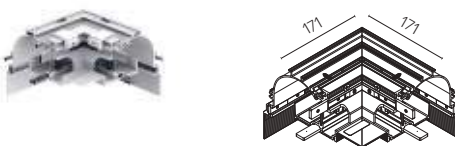
Esquina Perimetral Vertical / Vertical Perimeter Corner



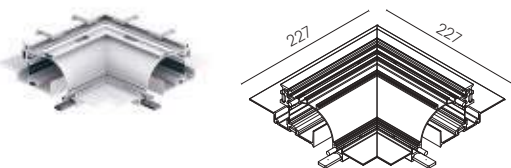
Esquina Horizontal / Horizontal Corner



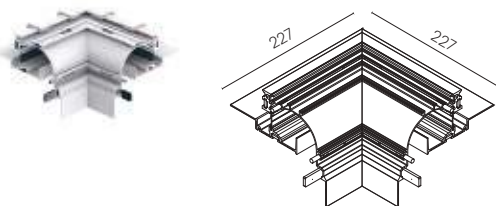
Esquina Interior Perimetral / Inner Perimeter Corner



Esquina Exterior / Outer Corner



Esquina Exterior Perimetral / Outer Perimeter Corner



Accesorio Tapa / Accessory Endcap

Tapa metálica para los perfiles.

Metal cover for profiles.



Cable de Alimentación / Connection Cable

Cable de conexión a fuente de alimentación. 1m.

Connection cable. 1m.



Profiles

- 1000 mm
- 06.1100.00
- 06.1100.40
- 2000 mm
- 06.1105.00
- 06.1105.40
- 3000 mm
- 06.1110.00
- 06.1110.40

Corner

- Vertical
- 06.1133.00
- 06.1133.40
- Horizontal
- 06.1134.00
- 06.1134.40
- Outer
- 06.1135.00
- 06.1135.40

Perimeter Profile

- 1000 mm
- 06.1115.00
- 06.1115.40
- 2000 mm
- 06.1120.00
- 06.1120.40
- 3000 mm
- 06.1125.00
- 06.1125.40

Perimeter Corner

- Vertical
- 06.1130.00
- 06.1130.40
- Inner
- 06.1131.00
- 06.1131.40
- Outer
- 06.1132.00
- 06.1132.40

Accessory Endcap

- 08.8914.00
- 08.8914.40

Connection Cable

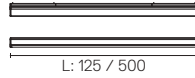
- 06.1140.00

MOONLINE — LIGHT MODULE

LIGHT STRIP 125 / 500 mm



TOP LED
20W/m
1456 lm/m
3000K
CRI 80

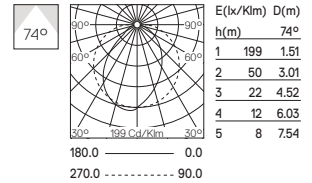


Módulo de iluminación
LED de luz difusa para ser
instalado en el sistema
Moonline.

LED lighting module for
scattered light, to be
installed in Moonline
system.

L: 125 mm
2,5W - 182 lm
06.1141.00A ●

L: 500 mm
10W - 728 lm
06.1142.00A ●



LED INCL.
NOT REPLACEABLE

Accesorios Accessories

Accesorio para facilitar la extracción de los módulos de luz Light Strip.

Accessory to remove the Light Strip modules much easier.



08.8915.00

Equipos Drivers

Fuente de alimentación LED para instalación remota en cuadro eléctrico 24V/240W. Para evitar problemas de sobrecarga se recomienda instalar una fuente de alimentación independiente de 240W cada 12m de instalación.

LED power supply source for remote installation in 24V/240W electric control panel. To avoid overload problems, the installation of an independent 240W power supply source is recommended for every 12m installed.







60.8268 ●

THE RUNNING MAGNET 2.0

DESIGNED BY FLOS ARCHITECTURAL



<p>Versión Version</p>	<p>RECESSED</p> 	<p>SURFACE</p> 	<p>SUSPENSION UP&DOWN / DOWN</p> 			
<p>Colores Colours</p>	<p>■ 14 Negro 14 Black</p>	<p>□ 40 Blanco 40 White</p>	<p>■ 14 Negro 14 Black</p>			
<p>Módulos Luz Light Modules</p>			 	 	 	
<p>Fuentes de Luz Light Sources</p>	<p> TOP LED 2700K/CRI 80 3000K/CRI 80</p>	<p> POWER LED 8W 550 lm 2700K/CRI 90</p> <p>8W 750 lm 3000K/CRI 80</p>	<p> POWER LED 10,8W 2700K/CRI 80 3000K/CRI 80</p> <p> POWER LED 6,5W 2700K/CRI 80 3000K/CRI 80</p>	<p> POWER LED 6,5W 2700K/CRI 80 3000K/CRI 80</p>	<p> POWER LED 8W 460 lm 2700K/CRI 90</p> <p>8W 687 lm 3000K/CRI 80</p>	

THE RUNNING MAGNET 2.0

Descripción

Innovador sistema de iluminación para interior en versiones superficie, suspendida o empotrada en pared/techo de cartón yeso. Compuesto por perfilería magnética donde se posicionan, mediante sistema de fijación magnética, módulos de iluminación.

Todos los perfiles estructurales del Running Magnet 2.0 han sido fabricados con perfilería de aluminio extruido en blanco y negro, provisto de pistas eléctricas de grafito alimentadas a 24V, sobre las cuales se instalan mediante un sistema de fijación magnética las luminarias LED.

La versión suspendida también está disponible para luz indirecta.

La familia The Running Magnet 2.0 se completa con módulos de iluminación ambiental y de acento, con diferentes ópticas además de luminarias decorativas acorde a la mayoría de las colecciones Flos.

Los módulos de iluminación incorporan un sistema de fijación magnética que permite una completa movilidad y flexibilidad. Todos los módulos de luz disponen de un potenciómetro instalado o regulación DALI según se desee.

Sistema Óptico

El módulo de luz de acento se encuentra disponible con óptica intensiva (spot lens) y con ópticas extensivas (narrow and wide narrow lens).

Unidades de Alimentación

Fuente de alimentación remota de 24V no incluida.

Accesorios

Existen para el módulo de iluminación de acento lentes de 28°, 37°, 42° y elíptica.

Información Adicional

Únicamente instalable en superficies de cartón yeso de 12,5mm de espesor para la versión Recessed.

The Running Magnet 2.0 es un sistema eléctrico alimentado a 24V y limitado a una corriente máxima de 8A y 185W para evitar sobrecargas.

Cada vez que completemos los 185W deberemos realizar nuevamente la conexión mediante un perfil de conexión.

En la versión Up&Down la iluminación indirecta y el carril electro-mecánico tienen alimentaciones independientes. Índice de protección IP20.

Instalable sobre superficies normalmente inflamables.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Innovative lighting system for indoor use, for surface, suspended or recessed mounting on plasterboard walls or ceilings, comprising a series of magnetic tracks that house the LED lighting modules.

The profile of all The Running Magnet 2.0 structural tracks is extruded aluminum, painted black or white, housing a graphite electric track fed at 24V, on which all magnetic luminaires are installed simply by insertion.

Suspended track is also available with the option of indirect lighting.

The system also has ambient and accent lighting modules, with different optics, and decorative luminaires like most Flos collections.

The lighting modules incorporate a magnetic mounting system for total mobility and flexibility. All light modules are available with on board potentiometer or in the DALI dimmable option.

Optic system

The accent light module is available with intensive optics (spot lens) and extensive optics (narrow and wide narrow lens).

Power Supply

Remote 24V power supply not included.

Accessories

Elliptical and 28°, 37°, 42° lenses for the accent light module.

Additional Information

The Recessed version can only be installed on 12.5 mm thick plasterboard surfaces.

The Running Magnet 2.0 is a 24V electrical system limited to a maximum power current of 8A and 185W to avoid overloads.

After every 185W make a new connection with a connection profile.

In the Up&Down version indirect illumination and the electromechanical track are powered independently.

IP20 protection grade.

Suitable for installation on normally inflammable surfaces.

Compliance of Standards and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

THE RUNNING MAGNET 2.0 RECESSED — PROFILES

Perfiles / Profiles

Carril electro-mecánico para instalaciones empotradas en techos/paredes de cartón yeso.

Carriles lineales disponibles en dos versiones: perfiles de alimentación, para conexión a driver, y perfiles intermedios. Ambas versiones con longitudes de 1m a 3m.

Tapas incluidas en los perfiles de alimentación.

Disponibles esquinas de 90° en el mismo plano (elemento simétrico para esquina izquierda y derecha), esquinas simétricas de 90° en distinto plano en interior y exterior. Provistos para conexión a driver.

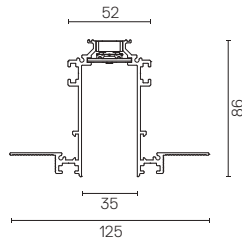
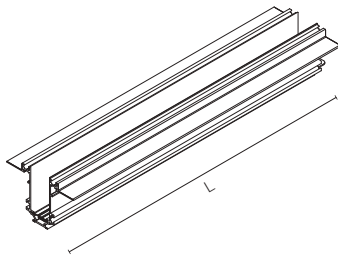
Electromechanical track for recessed installation in plasterboard ceilings and walls.

Linear tracks available in two versions: power feed profiles for connecting to a driver, and intermediate profiles. Both versions available in lengths from 1m to 3m.

Covers included with the power feed profiles.

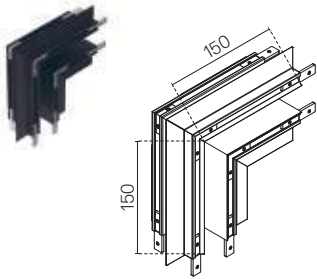
90° corners available in the same plane (symmetrical element for left and right corners), symmetrical 90° inner and outer corners in different planes. For connection to the driver.

Elementos Lineales / Straight Elements

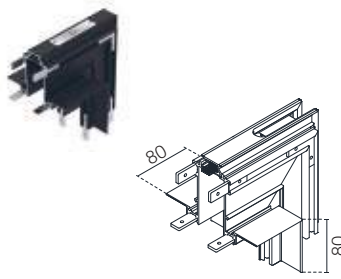


L: 1 m / 1,5 m / 2 m / 2,5 m / 3 m

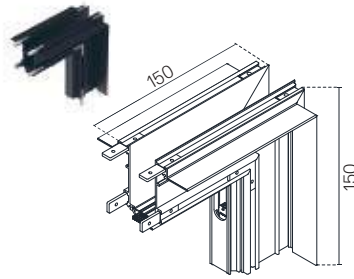
Esquina 90° / 90° Corner



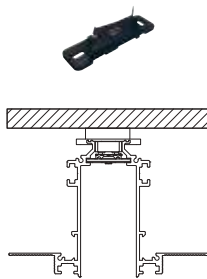
Esquina Interior / Inner Corner



Esquina Exterior / Outer Corner

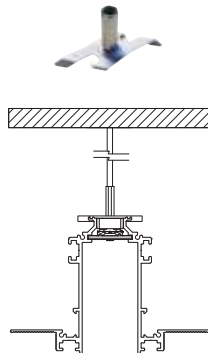


Kit de Sujeción a Techo Fijo / Fixed Ceiling Kit (optional)



Kit de 2 Unidades
2 Unit Kit

Kit de Sujeción a Techo Ajustable / Adjustable Ceiling Kit (optional)



Kit de 2 Unidades
2 Unit Kit

Perfiles de Alimentación Feed Unit Profiles

- 1000 mm
■ 06.1638.14 ●
- 1500 mm
■ 06.1639.14 ●
- 2000 mm
■ 06.1640.14 ●
- 2500 mm
■ 06.1641.14 ●
- 3000 mm
■ 06.1642.14 ●

Perfiles Intermedios Intermediate Profiles

- 1000 mm
■ 06.1643.14 ●
- 1500 mm
■ 06.1644.14 ●
- 2000 mm
■ 06.1645.14 ●
- 2500 mm
■ 06.1646.14 ●
- 3000 mm
■ 06.1647.14 ●

90° Corner ■ 06.1648.14 ●

Inner Corner ■ 06.1650.14 ●

Outer Corner ■ 06.1651.14 ●

Fixed Ceiling Kit 2 Unit Kit ■ 08.8866.14 ●

Adjustable Ceiling Kit 2 Unit Kit ■ 08.8867.14 ●

Accesorios Accessories

Las tapas van incluidas con todos los elementos de alimentación. Se deben pedir por separado, solo si la instalación está compuesta por elementos intermedios, exclusivamente.

Endcaps come complete with all the power supply elements. These should only be ordered separately if the installation is exclusively composed of intermediate elements.



- 08.8865.14

THE RUNNING MAGNET 2.0 SURFACE — PROFILES

Perfiles / Profiles

Carril electro-mecánico para instalaciones en superficie.

Carriles lineales disponibles en dos versiones: perfil de alimentación, para conexión a driver, y perfiles intermedios. Ambas versiones con longitudes de 1m a 3m.

Tapas incluidas en los perfiles de alimentación. Accesorios de fijación incluidos en todos los productos.

Disponibles esquinas de 90° en el mismo plano (elemento simétrico para esquina izquierda y derecha) y esquinas simétricas de 90° en distinto plano en interior, comunes en versiones Surface y Down. Provistos para conexión a driver.

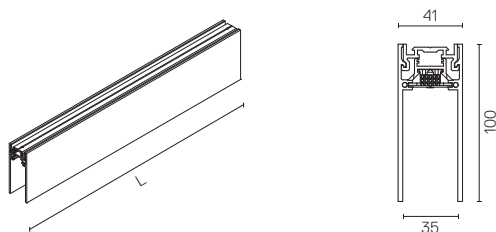
Electromechanical track for surface-mounting.

Linear tracks available in two versions: power feed profiles for connecting to a driver, and intermediate profiles. Both versions available in lengths from 1m to 3m.

Covers included with the power feed profiles. Attachment accessories included with all products.

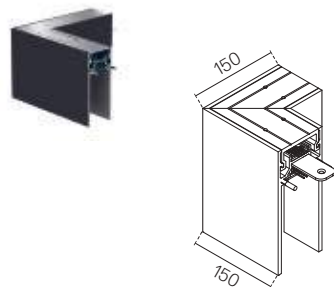
90° corners available in the same plane (symmetrical element for left and right corner) and 90° symmetrical internal corners in a different plane, for the Surface and Down versions. For connection to the driver.

Elementos Lineales / Straight Elements

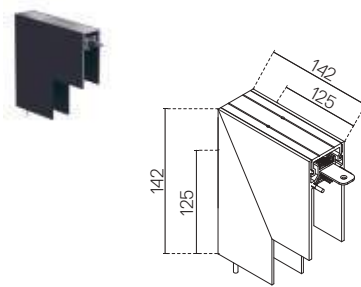


L: 1 m / 1,5 m / 2 m / 2,5 m / 3 m

Esquina 90° / 90° Corner



Esquina Interior / Inner Corner



Accesorios Accessories

Las tapas van incluidas con todos los elementos de alimentación. Se deben pedir por separado, solo si la instalación está compuesta por elementos intermedios, exclusivamente.

Endcaps come complete with all the power supply elements. These should only be ordered separately if the installation is exclusively composed of intermediate elements.



Perfiles de Alimentación Feed Unit Profiles

1000 mm

06.1600.40

06.1600.14

1500 mm

06.1601.40

06.1601.14

2000 mm

06.1602.40

06.1602.14

2500 mm

06.1603.40

06.1603.14

3000 mm

06.1604.40

06.1604.14

Perfiles Intermedios Intermediate Profiles

1000 mm

06.1605.40

06.1605.14

1500 mm

06.1606.40

06.1606.14

2000 mm

06.1607.40

06.1607.14

2500 mm

06.1608.40

06.1608.14

3000 mm

06.1609.40

06.1609.14

90° Corner

06.1610.40

06.1610.14

Inner Corner

06.1612.40

06.1612.14

08.8887.40

08.8887.14

THE RUNNING MAGNET 2.0 SUSPENSION UP&DOWN — PROFILES

Perfiles / Profiles

Carril electro-mecánico para instalaciones suspendidas.

Los elementos lineales en versión Up&Down incluyen iluminación LED indirecta en la parte superior del perfil. Pueden alimentarse con alimentación común o independiente.

Carriles lineales disponibles en dos versiones: perfiles de alimentación, para conexión a driver, y perfiles intermedios. Ambas versiones con longitudes de 1m a 3m.

Tapas incluidas en los perfiles de alimentación.

Accesorios para conexión (cable alimentación 4,2m) y suspensión (cable de acero 4m) a techo incluidos en todos los productos lineales de alimentación o intermedios.

Disponibles esquinas de 90° en el mismo plano (elemento simétrico para esquina izquierda y derecha). No provistos para conexión a driver.

Las esquinas de las versiones Suspendidas del Running Magnet 2.0 no llevan iluminación indirecta. La iluminación indirecta puede ser controlada como un circuito separado si se alimenta con un equipo especial y, en el caso de una instalación DALI, equipada con un equipo opcional de control DALI se debe pedir por separado.

Electromechanical track for suspended installations.

Linear elements in the Up&Down version include indirect LED illumination in the upper part of the profile. Shared or separate power feed.

Linear tracks available in two versions: power feed profiles for connecting to a driver, and intermediate profiles. Both versions available in lengths from 1m to 3m.

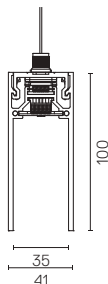
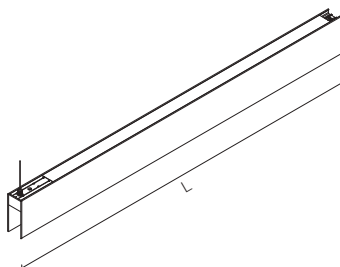
Covers included with the power feed profiles.


Ceiling connection (4.2m feed cable) and suspension (4m steel cable) accessories included in all linear feed or intermediate products.

90° corners in the same plane (symmetrical element for right and left corners). Not provided for connection to the driver.

The corners of the Suspended Running Magnet 2.0 versions are not fitted with indirect illumination. Indirect illumination can be managed as a separate circuit if powered by a dedicated driver and, in the case of the DALI installation, if equipped with a dedicated optional DALI controller. To be ordered separately.

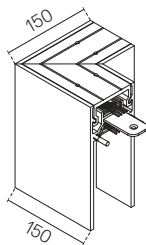
Elementos Lineales / Straight Elements




POWER LED
 8,2W/m UP
 950 lm/m UP
 3000K/CRI 80



L: 1 m / 1,5 m / 2 m / 2,5 m / 3 m



Esquina 90° / 90° Corner







Ver accesorios disponibles.
 See available accessories.



Perfiles de Alimentación Feed Unit Profiles

1000 mm
 06.1614.40
 06.1614.14



1500 mm
 06.1615.40
 06.1615.14



2000 mm
 06.1616.40
 06.1616.14



2500 mm
 06.1617.40
 06.1617.14



3000 mm
 06.1618.40
 06.1618.14



Perfiles Intermedios Intermediate Profiles



1000 mm
 06.1619.40
 06.1619.14

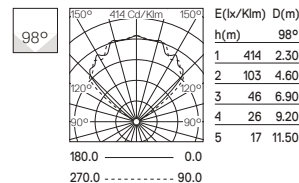
1500 mm
 06.1620.40
 06.1620.14

2000 mm
 06.1621.40
 06.1621.14

2500 mm
 06.1622.40
 06.1622.14

3000 mm
 06.1623.40
 06.1623.14

90° Corner
 06.1624.40
 06.1624.14



Perfiles / Profiles

Carril electro-mecánico para instalaciones suspendidas.

Carriles lineales disponibles en dos versiones: perfiles de alimentación, para conexión a driver, y perfiles intermedios. Ambas versiones con longitudes de 1m a 3m.

Tapas incluidas en los perfiles de alimentación.

Accesorios para conexión (cable alimentación 4,2m) y suspensión (cable de acero 4m) a techo incluidos en todos los productos lineales de alimentación o intermedios.

Disponibles esquinas de 90° en el mismo plano (elemento simétrico para esquina izquierda y derecha), comunes en versiones Surface y Down. Provisos para conexión a driver.

Electromechanical track for suspended installations.

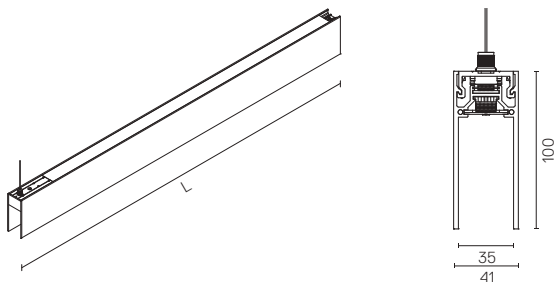
Linear tracks available in two versions: power feed profiles for connecting to a driver, and intermediate profiles. Both versions available in lengths from 1m to 3m.

Covers included with the power feed profiles.

Ceiling connection (4.2m feed cable) and suspension (4m steel cable) accessories included in all linear feed or intermediate products.

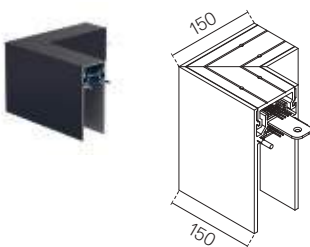
90° corners in the same plane (symmetrical element for right and left corners) for the Surface and Down versions. For connection to the driver.

Elementos Lineales / Straight Elements



L: 1 m / 1,5 m / 2 m / 2,5 m / 3 m

Esquina 90° / 90° Corner



Ver accesorios disponibles.
See available accessories.

**Perfiles de Alimentación
Feed Unit Profiles**

1000 mm

06.1626.40

06.1626.14

1500 mm

06.1627.40

06.1627.14

2000 mm

06.1628.40

06.1628.14

2500 mm

06.1629.40

06.1629.14

3000 mm

06.1630.40

06.1630.14

**Perfiles Intermedios
Intermediate Profiles**

1000 mm

06.1631.40

06.1631.14

1500 mm

06.1632.40

06.1632.14

2000 mm

06.1633.40

06.1633.14

2500 mm

06.1634.40

06.1634.14

3000 mm

06.1635.40

06.1635.14

90° Corner

06.1610.40

06.1610.14

THE RUNNING MAGNET 2.0 SUSPENSION — ACCESSORIES

Rosetón de alimentación de superficie. Equipo no incluido, pedir por separado.

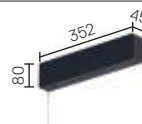
Surface rose. Equipment not included. To be ordered separately.



08.8883.40
08.8883.14

Caja de alimentación de superficie tanto para luz directa como luz directa e indirecta con alojamiento para driver. Equipo 24V/185W incluido.

Surface power supply for direct and indirect lighting with housing for the driver. 24V/185W equipment included.



08.8886.40
08.8886.14

Controlador DALI y equipo 24V/185W para alimentar y controlar tanto la iluminación directa como la indirecta, incluido.

DALI controller and 24V/185W equipment to supply and control both the direct and indirect lighting, included.



08.8886.40.DA
08.8886.14.DA

Rosetón de alimentación empotrado. Equipo no incluido, pedir por separado.

Recessed power supply rose. Equipment not included. To be ordered separately.



08.8889.40
08.8889.14

Las tapas van incluidas con todos los elementos de alimentación. Se deben pedir por separado, solo si la instalación está compuesta por elementos intermedios, exclusivamente.

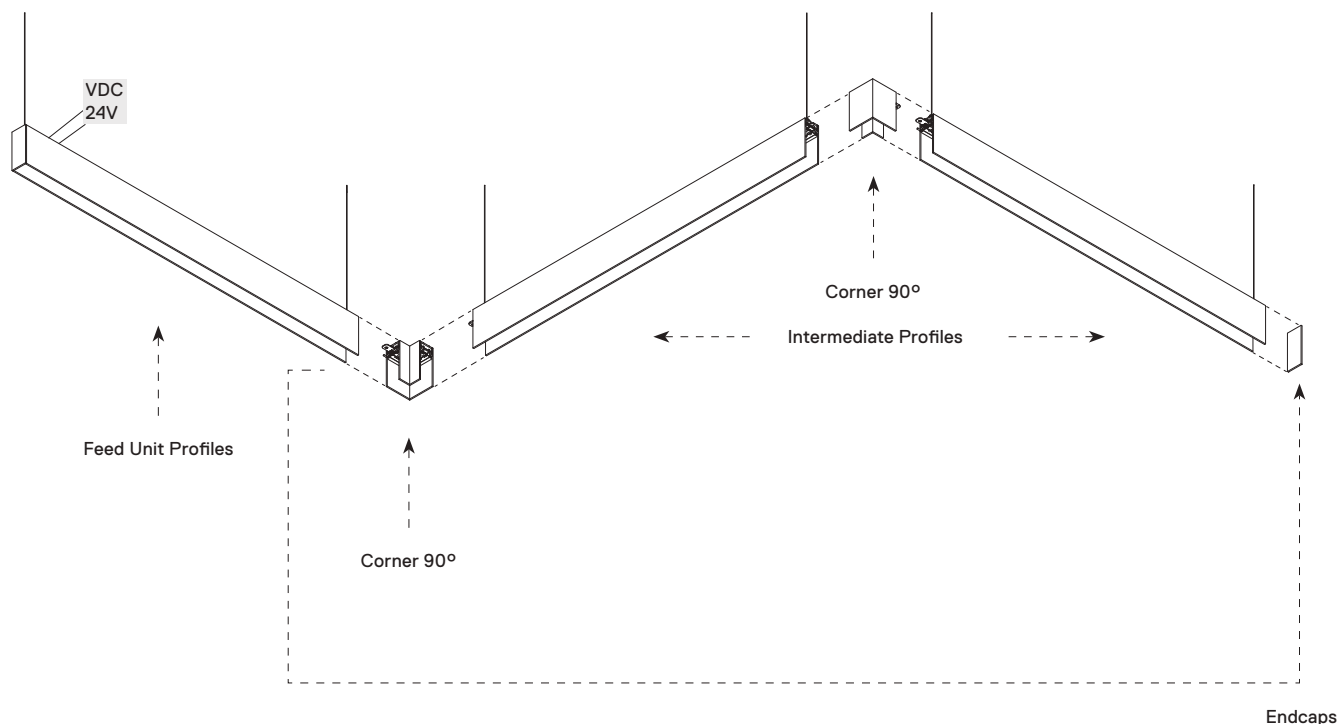
Endcaps come complete with all the power supply elements. These should only be ordered separately if the installation is exclusively composed of intermediate elements.



08.8887.40
08.8887.14

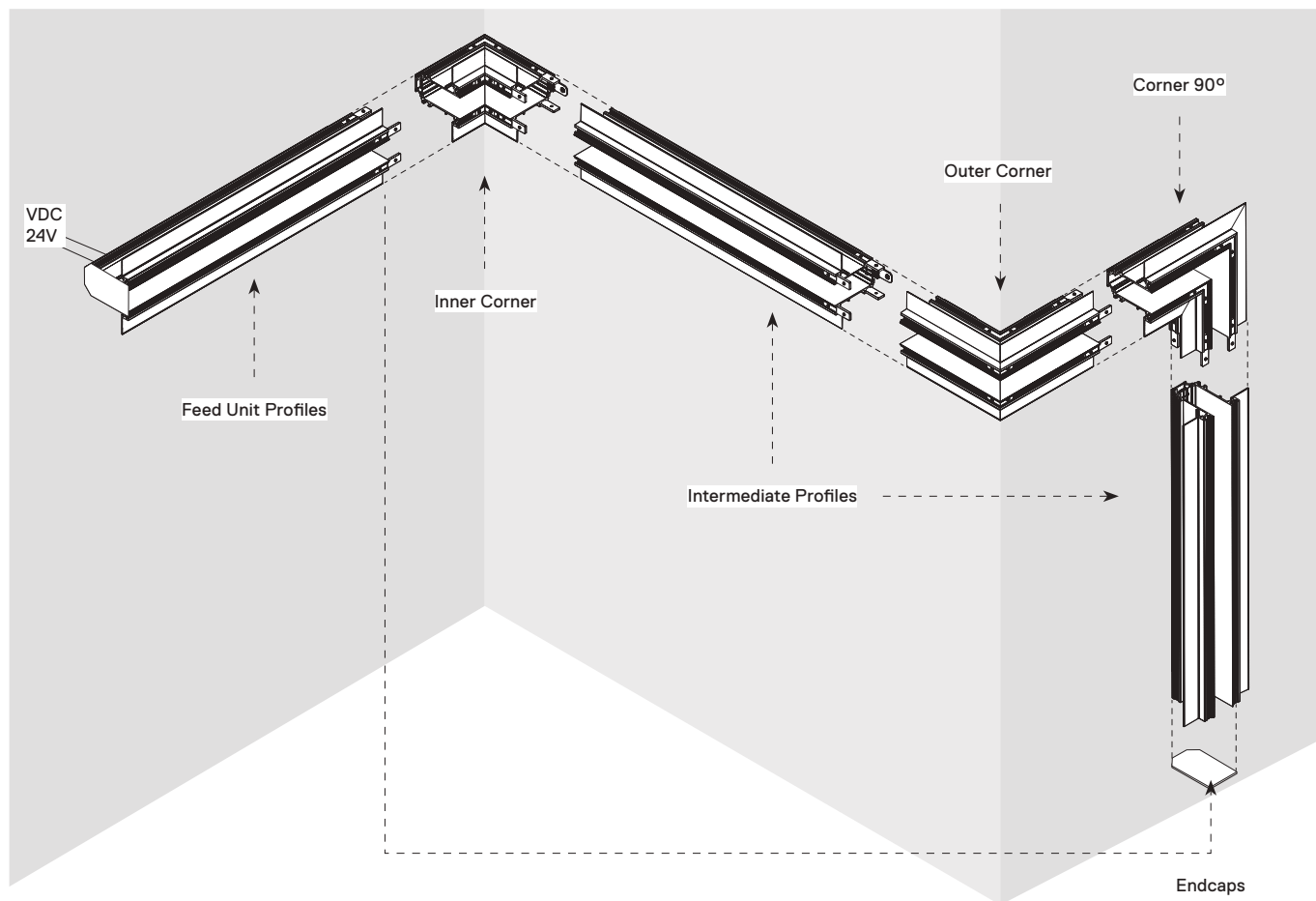
THE RUNNING MAGNET 2.0 — INSTALLATION PROFILES

SUSPENSION INSTALLATION

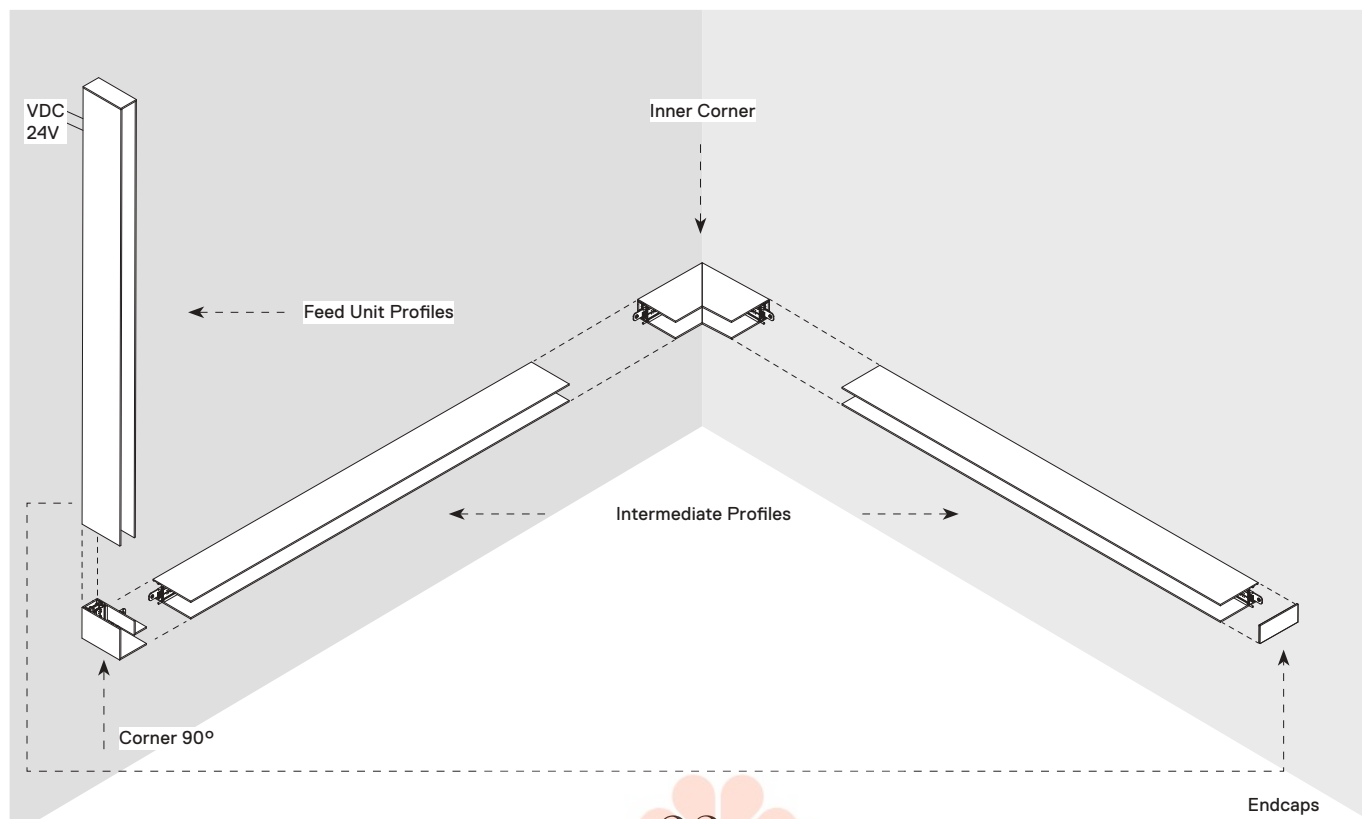


THE RUNNING MAGNET 2.0 — INSTALLATION PROFILES

RECESSED INSTALLATION



SURFACE INSTALLATION

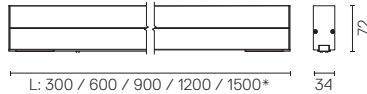


THE RUNNING MAGNET 2.0 — LIGHT MODULES

LIGHT STRIPE



TOP LED
2700K/CRI 80
3000K/CRI 80



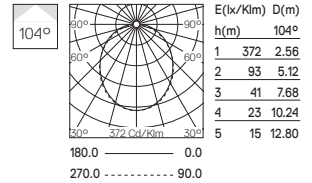
* Las tapas incrementan 3mm el producto.
The endcaps increase the product in 3 mm.
L: 303 / 603 / 903 / 1203 / 1503

Módulo de iluminación LED de luz difusa para ser instalado en el sistema The Running Magnet 2.0. Regulación de la intensidad luminosa con regulador incorporado. Fuente de alimentación remota a 24V no incluida.

Diffused LED light module to be installed in The Running Magnet 2.0 System. Regulation of the light intensity with built-in regulator. Remote 24V power supply not included.

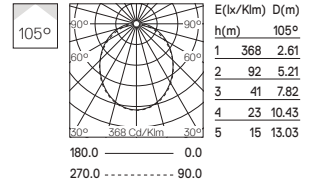
L (mm)	Power (W)	Luminous flux of luminaire up to (lm)	
		2700K	3000K
300	7,5	680	700
600	15	1360	1400
900	22,5	2040	2100
1200	30	2720	2800
1500	37,5	3400	3500

300 mm - 2700K
■ 03.6311.14
Dali Version
■ 03.6311.14.DA



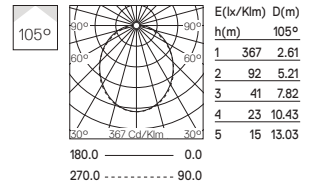
300 mm - 3000K
■ 03.6310.14
Dali Version
■ 03.6310.14.DA

600 mm - 2700K
■ 03.6321.14
Dali Version
■ 03.6321.14.DA



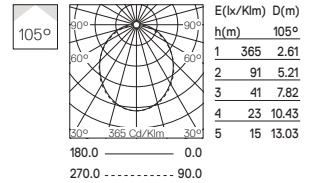
600 mm - 3000K
■ 03.6320.14
Dali Version
■ 03.6320.14.DA

900 mm - 2700K
■ 03.6331.14
Dali Version
■ 03.6331.14.DA



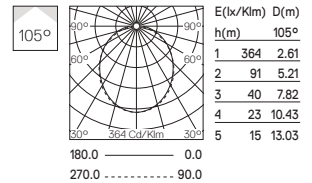
900 mm - 3000K
■ 03.6330.14
Dali Version
■ 03.6330.14.DA

1200 mm - 2700K
■ 03.6341.14
Dali Version
■ 03.6341.14.DA



1200 mm - 3000K
■ 03.6340.14
Dali Version
■ 03.6340.14.DA

1500 mm - 2700K
■ 03.6351.14
Dali Version
■ 03.6351.14.DA



1500 mm - 3000K
■ 03.6350.14
Dali Version
■ 03.6350.14.DA



LED INCL.
NOT REPLACEABLE

Equipos Drivers

Fuente de alimentación LED para instalación remota en cuadro eléctrico 24V/185W. Para evitar problemas de sobrecarga se recomienda instalar una fuente de alimentación cada 185W.



60.0004

LED power supply source for remote installation in 24V/185W electric control panel. To avoid problems of overload it is recommended to install a power source every 185W.

The Running Magnet 2.0 UP Version

Transformador electrónico de tensión constante (24V) para LED. 100/240V.



60W
60.8496

Electronic transformer with constant voltage (24V) for LED. 100/240V.

Unidad de control dimable Dali de 1 canal para la regulación de módulos LED, para equipos de 24V. No incluye fuente de alimentación.



60.8635

Dimmable Dali control unit with 1 channel for 24V LED modules. Power supply not included.

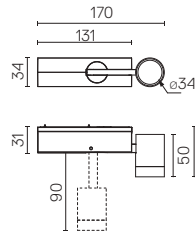
THE RUNNING MAGNET 2.0 — LIGHT MODULES

SPOT MODULE



POWER LED
8W
550 lm
2700K/CRI 90

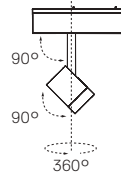
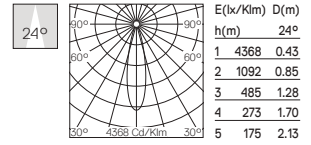
8W
750 lm
3000K/CRI 80



Módulo de iluminación LED de acento para ser instalado en el sistema The Running Magnet 2.0. Convertidor electrónico de corriente DC/DC incorporado. Regulación de la intensidad luminosa con regulador incorporado. Fuente de alimentación remota a 24V no incluida. Max 8W.

2700K
■ 03.6303.14
Dali Version
■ 03.6303.14.DA

3000K
■ 03.6302.14
Dali Version
■ 03.6302.14.DA



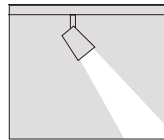
Accent lighting LED module to be installed in The Running Magnet 2.0 System. Built-in DC/DC electronic voltage converter. Regulation of the light intensity with built-in regulator. Remote 24V power supply not included. Max 8W.

Spot Module No DALI:

Máximo 21 spots para un mismo driver. /
Maximum 21 spots for a single driver.

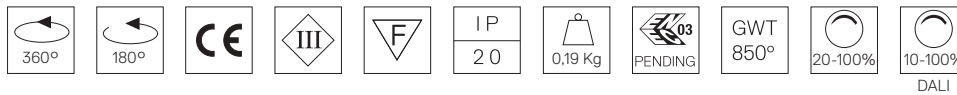
Spot Module DALI:

Máximo 14 spots para un mismo driver. /
Maximum 14 spots for a single driver.



Máximo 64 spots para un mismo controlador DALI.

Maximum 64 spots for a single DALI controller.



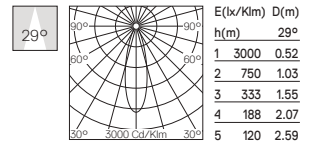
LED INCL.
NOT REPLACEABLE

Accesorios Accessories

Lente frosted medium.
Accesorio de óptica Flood para el Spot de The Running Magnet 2.0.



08.8760.00

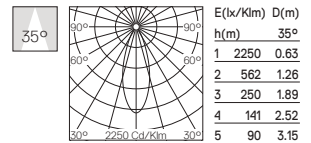


Frosted medium lens.
Flood lens accessory for The Running Magnet 2.0 Spot.

Lente frosted medium.
Accesorio de óptica Wide Flood para el Spot de The Running Magnet 2.0.



08.8761.00

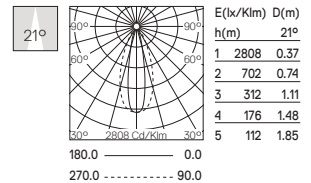


Frosted medium lens.
Wide Flood lens accessory for The Running Magnet 2.0 Spot.

Lente elíptica.
Accesorio de óptica elíptica para el Spot de The Running Magnet 2.0.



08.8759.00



Elliptical lens.
Elliptical lens accessory for The Running Magnet 2.0 Spot.

Aro exterior apantallador para spot module Running Magnet 2.0 realizado en aluminio y acabado en negro, para un incremento del confort visual.



08.8427.14

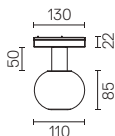
Screening external ring for Running Magnet 2.0 spot module in aluminium with a black finish to enhance the visual comfort.

THE RUNNING MAGNET 2.0 — LIGHT MODULES

MINI GLO-BALL



POWER LED
10,8W
2700K/CRI 80
3000K/CRI 80



Módulo de iluminación LED para ser instalado en el sistema The Running Magnet 2.0. Convertidor electrónico de corriente DC/DC incorporado. Regulación de 50/75/100% de la intensidad luminosa con regulador incorporado. Fuente de alimentación remota a 24V no incluida.

2700K
■ 03.6260.14B
Dali Version
■ 03.6260.14.DA

3000K
■ 03.6261.14B
Dali Version
■ 03.6261.14.DA

Lighting LED module to be installed in The Running Magnet 2.0 System. Built-in DC/DC electronic voltage converter. 50/75/100% regulation of the light intensity with built-in regulator. Remote 24V power supply not included.

2700K
■ 03.6262.14B
Dali Version
■ 03.6262.14.DA

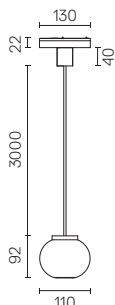
3000K
■ 03.6263.14B
Dali Version
■ 03.6263.14.DA



MINI GLO-BALL S



POWER LED
6,5W
2700K/CRI 80
3000K/CRI 80



Lighting LED module to be installed in The Running Magnet 2.0 System. Built-in DC/DC electronic voltage converter. 50/75/100% regulation of the light intensity with built-in regulator. Remote 24V power supply not included.

2700K
■ 03.6262.14B
Dali Version
■ 03.6262.14.DA

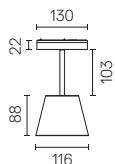
3000K
■ 03.6263.14B
Dali Version
■ 03.6263.14.DA



ROMEO BABE K



POWER LED
6,5W
2700K/CRI 80
3000K/CRI 80



2700K
■ 03.6264.14B
Dali Version
■ 03.6264.14.DA

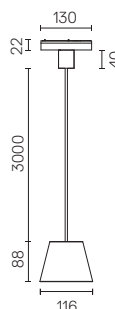
3000K
■ 03.6265.14B
Dali Version
■ 03.6265.14.DA



ROMEO BABE K S



POWER LED
6,5W
2700K/CRI 80
3000K/CRI 80



2700K
■ 03.6266.14B
Dali Version
■ 03.6266.14.DA

3000K
■ 03.6267.14B
Dali Version
■ 03.6267.14.DA



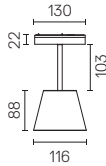
LED INCL.
NOT REPLACEABLE

THE RUNNING MAGNET 2.0 — LIGHT MODULES

ROMEO BABE SOFT



POWER LED
6,5W
2700K/CRI 80
3000K/CRI 80



Módulo de iluminación LED para ser instalado en el sistema The Running Magnet 2.0. Convertidor electrónico de corriente DC/DC incorporado. Regulación de 50/75/100% de la intensidad luminosa con regulador incorporado. Fuente de alimentación remota a 24V no incluida.

2700K
■ 03.6268.14B
Dali Version
■ 03.6268.14.DA

3000K
■ 03.6269.14B
Dali Version
■ 03.6269.14.DA

Lighting LED module to be installed in The Running Magnet 2.0 System. Built-in DC/DC electronic voltage converter. 50/75/100% regulation of the light intensity with built-in regulator. Remote 24V power supply not included.

2700K
■ 03.6270.14B
Dali Version
■ 03.6270.14.DA

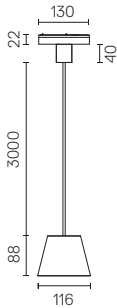
3000K
■ 03.6271.14B
Dali Version
■ 03.6271.14.DA



ROMEO BABE SOFT S



POWER LED
6,5W
2700K/CRI 80
3000K/CRI 80

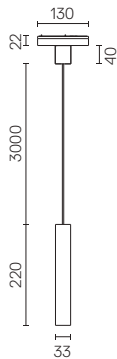


FIND ME 1 SUSPENSION



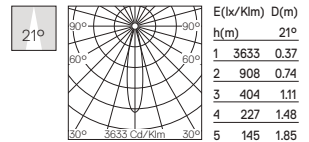
POWER LED
8W
460 lm
2700K/CRI 90

8W
687 lm
3000K/CRI 80



2700K
■ 03.6272.30B
■ 03.6272.06B
■ 03.6272.14B
Dali Version
■ 03.6272.30.DA
■ 03.6272.06.DA
■ 03.6272.14.DA

3000K
■ 03.6273.30B
■ 03.6273.06B
■ 03.6273.14B
Dali Version
■ 03.6273.30.DA
■ 03.6273.06.DA
■ 03.6273.14.DA








LED INCL.
NOT REPLACEABLE

THE TRACKING MAGNET

DESIGNED BY FLOS ARCHITECTURAL



Versión Version	RECESSED 	SURFACE 	SUSPENSION UP&DOWN / DOWN 	
Colores Colours	■ 14 Negro 14 Black	□ 40 Blanco 40 White	■ 05 Cromo 05 Chrome	■ 14 Negro 14 Black

Módulos Luz Light Modules	ANTHONY SPOT TRACK 	ANTHONY SPOT CEILING 	SPOT TRACKING 90 	SPOT TRACKING 120 	EASY SPOT TRACKING 
Fuentes de Luz Light Sources	PHOSPHOR LED 14,5W 1200 lm 2700K/CRI 95 16,7W 1710 lm 3000K/CRI 80	PHOSPHOR LED 11,9W 1060 lm 2700K/CRI 95 13,6W 1490 lm 3000K/CRI 80	POWER LED 9,6W 1050 lm 3000K/CRI 80 9,6W 850 lm 2700K/CRI 90	POWER LED 12,5W 1310 lm 3000K/CRI 80 12,5W 1060 lm 2700K/CRI 90	LED QR-CBC 51 GX5.3 MAX 10W



Descripción

Innovador sistema de iluminación para interior en versiones superficie, suspendida o empotrada en pared/techo de cartón yeso. Compuesto por perfilera magnética donde se posicionan, mediante sistema de fijación magnética, módulos de iluminación.

Todos los perfiles estructurales del Tracking Magnet han sido fabricados con perfilera de aluminio extruido en blanco (40), negro (14) y cromo (05), provisto de pistas eléctricas de grafito alimentadas a 24V, sobre las cuales se instalan, mediante un sistema de fijación magnética, las luminarias LED.

La versión suspendida también está disponible para luz indirecta.

La familia Tracking Magnet se completa con luminarias decorativas de diferentes ópticas acorde a la mayoría de las colecciones Flos.

Las luminarias decorativas incorporan un sistema de fijación magnética que permite una completa movilidad y flexibilidad. Todas las luminarias disponen de un potenciómetro instalado para regular la intensidad luminosa.

Sistema Óptico

Los módulos de luz spot tracking 90 y 120 se encuentran disponibles con óptica cerrada (spot) y abierta (flood).

El módulo de luz Anthony spot se encuentra disponible con tres ópticas: spot, flood y wide flood.

Fuentes de Luz

- Anthony spot track:

Phospor LED, 3000K - CRI 80.

Phospor LED, 2700K - CRI 95.

- Spot tracking 90:

Power LED, 9,6W, 2700K/CRI 90, 3000K/CRI 80.

- Spot tracking 120:

Power LED, 12,5W, 2700K/CRI 90, 3000K/CRI 80.

Unidades de Alimentación

Fuente de alimentación remota de 24V no incluida.

Accesorios

Para el módulo de iluminación Anthony spot existen lentes elípticas y elementos apantalladores.

Para los módulos de iluminación Spot tracking los accesorios van incorporados en el producto.

Información Adicional

Únicamente instalable en superficies de cartón-yeso de 12,5mm de espesor para la versión Recessed.

The Tracking Magnet es un sistema eléctrico alimentado a 24V y limitado a una corriente máxima de 8A y 185W para evitar sobrecargas.

Cada vez que completemos los 185W deberemos realizar nuevamente la conexión mediante un perfil de conexión.

Índice de protección IP20.

Instalable sobre superficies normalmente inflamables.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Innovative lighting system for indoor use, for surface, suspended or recessed mounting on plasterboard walls or ceilings, comprising a series of magnetic tracks that house the LED lighting modules.

The profile of all The Tracking Magnet structural tracks is extruded aluminum, painted black or white, housing a graphite electric track fed at 24V, on which all magnetic luminaires are installed simply by insertion.

Suspended track is also available with the option of indirect lighting.

Like most Flos collections, the Tracking Magnet family has decorative luminaires with different optics.

The decorative luminaires have an integrated magnetic attachment system for full mobility and flexibility. All the luminaires have a potentiometer for brightness control.

Optic system

The 90 and 120 spot tracking light modules are offered with enclosed optic (spot lens) and opened optic (flood lens).

The Anthony spot light module is available in three optics: spot, flood and wide flood.

Light Sources

- Anthony spot track:

Phospor LED, 3000K - CRI 80.

Phospor LED, 2700K - CRI 95.

- Spot tracking 90:

Power LED, 9,6W, 2700K/CRI 90, 3000K/CRI 80.

- Spot tracking 120:

Power LED, 12,5W, 2700K/CRI 90, 3000K/CRI 80.

Power Supply

Remote 24V power supply not included.

Accessories

The Anthony spot illumination module offers elliptical lenses and cut-off elements.

Accessories for the Spot tracking illumination modules come with the product.

Additional Information

The Recessed version can only be installed on 12.5 mm thick plasterboard surfaces.

The Tracking Magnet is a 24V electrical system limited to a maximum power current of 8A and 185W to avoid overloads. After every 185W make a new connection with a connection profile.

IP20 protection grade.

Suitable for installation on normally inflammable surfaces.

Compliance of Standards and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

THE TRACKING MAGNET RECESSED — PROFILES

Perfiles / Profiles

Carril electro-mecánico para instalaciones empotradas en techos/paredes de cartón yeso.

Carriles lineales disponibles en dos versiones: perfiles de alimentación, para conexión a driver, y perfiles intermedios. Ambas versiones con longitudes de 1m a 3m.

Tapas incluidas en los perfiles de alimentación.

Disponibles esquinas de 90° en el mismo plano (elemento simétrico para esquina izquierda y derecha), esquinas simétricas de 90° en distinto plano en interior y exterior. Provistos para conexión a driver.

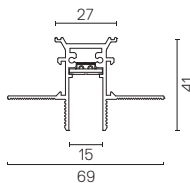
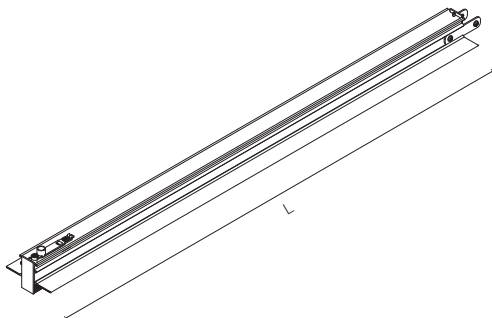
Electromechanical track for recessed installation in plasterboard ceilings and walls.

Linear tracks available in two versions: power feed profiles for connecting to a driver, and intermediate profiles. Both versions available in lengths from 1m to 3m.

Covers included with the power feed profiles.

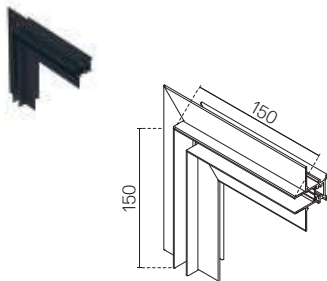
90° corners available in the same plane (symmetrical element for left and right corners), symmetrical 90° inner and outer corners in different planes. For connection to the driver.

Elementos Lineales / Straight Elements

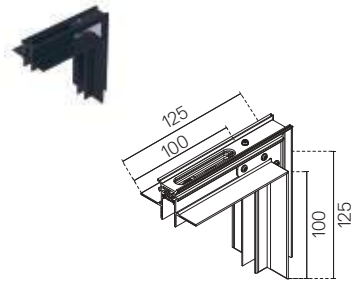


L: 1 m / 1,5 m / 2 m / 2,5 m / 3 m

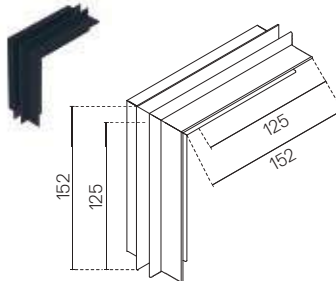
Esquina 90° / 90° Corner



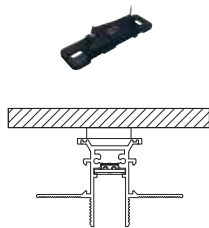
Esquina Interior / Inner Corner



Esquina Exterior / Outer Corner

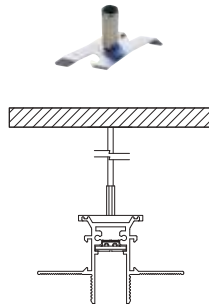


Kit de Sujeción a Techo Fijo / Kit Fixed Ceiling (optional)



Kit de 2 Unidades
2 Unit Kit

Kit de Sujeción a Techo Ajustable / Kit Adjustable Ceiling (optional)



Kit de 2 Unidades
2 Unit Kit

Perfiles de Alimentación Feed Unit Profiles

1000 mm
06.1538.14

1500 mm
06.1539.14

2000 mm
06.1540.14

2500 mm
06.1541.14

3000 mm
06.1542.14

Perfiles Intermedios Intermediate Profiles

1000 mm
06.1543.14

1500 mm
06.1544.14

2000 mm
06.1545.14

2500 mm
06.1546.14

3000 mm
06.1547.14

90° Corner
06.1548.14

Inner Corner
06.1550.14

Outer Corner
06.1551.14

Fixed Ceiling Kit
2 Unit Kit
08.8866.14

Adjustable Ceiling Kit
2 Unit Kit
08.8867.14

Accesorios Accessories

Las tapas van incluidas con todos los elementos de alimentación. Se deben pedir por separado, solo si la instalación está compuesta por elementos intermedios, exclusivamente.

Endcaps come complete with all the power supply elements. These should only be ordered separately if the installation is exclusively composed of intermediate elements.



08.8890.14

THE TRACKING MAGNET SURFACE — PROFILES

Perfiles / Profiles

Carril electro-mecánico para instalaciones en superficie.

Carriles lineales disponibles en dos versiones: perfil de alimentación, para conexión a driver, y perfiles intermedios. Ambas versiones con longitudes de 1m a 3m.

Tapas incluidas en los perfiles de alimentación. Accesorios de fijación incluidos en todos los productos.

Disponibles esquinas de 90° en el mismo plano (elemento simétrico para esquina izquierda y derecha) y esquinas simétricas de 90° en distinto plano en interior. Provistos para conexión a driver.

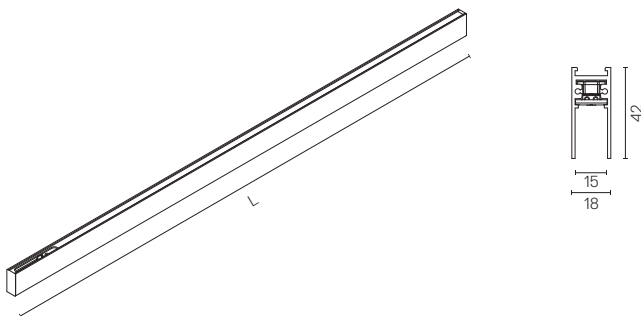
Electromechanical track for surface-mounting.

Linear tracks available in two versions: power feed profiles for connecting to a driver, and intermediate profiles. Both versions available in lengths from 1m to 3m.

Covers included with the power feed profiles. Attachment accessories included with all products.

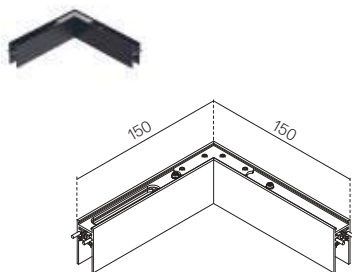
90° corners available in the same plane (symmetrical element for left and right corner) and 90° symmetrical internal corners in a different plane. For connection to the driver.

Elementos Lineales / Straight Elements

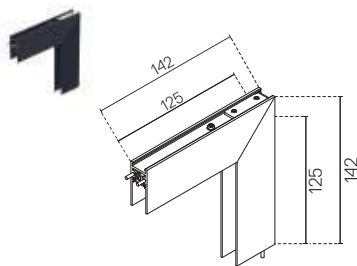


L: 1 m / 1,5 m / 2 m / 2,5 m / 3 m

Esquina 90° / 90° Corner



Esquina Interior / Inner Corner



Accesorios Accessories

Las tapas van incluidas con todos los elementos de alimentación. Se deben pedir por separado, solo si la instalación está compuesta por elementos intermedios, exclusivamente.

Endcaps come complete with all the power supply elements. These should only be ordered separately if the installation is exclusively composed of intermediate elements.



Perfiles de Alimentación

Feed Unit Profiles

1000 mm

- 06.1500.40
- 06.1500.05
- 06.1500.14

1500 mm

- 06.1501.40
- 06.1501.05
- 06.1501.14

2000 mm

- 06.1502.40
- 06.1502.05
- 06.1502.14

2500 mm

- 06.1503.40
- 06.1503.05
- 06.1503.14

3000 mm

- 06.1504.40
- 06.1504.14

Perfiles Intermedios

Intermediate Profiles

1000 mm

- 06.1505.40
- 06.1505.05
- 06.1505.14

1500 mm

- 06.1506.40
- 06.1506.05
- 06.1506.14

2000 mm

- 06.1507.40
- 06.1507.05
- 06.1507.14

2500 mm

- 06.1508.40
- 06.1508.05
- 06.1508.14

3000 mm

- 06.1509.40
- 06.1509.14

90° Corner

- 06.1510.40
- 06.1510.05
- 06.1510.14

Inner Corner

- 06.1512.40
- 06.1512.05
- 06.1512.14

- 08.8890.40
- 08.8890.05
- 08.8890.14

THE TRACKING MAGNET SUSPENSION UP&DOWN — PROFILES

Perfiles / Profiles

Carril electro-mecánico para instalaciones suspendidas.

Los elementos lineales en versión Up&Down incluyen iluminación LED indirecta en la parte superior del perfil. Pueden alimentarse con alimentación común o independiente.

Carriles lineales disponibles en dos versiones: perfiles de alimentación, para conexión a driver, y perfiles intermedios. Ambas versiones con longitudes de 1m a 3m.

Tapas incluidas en los perfiles de alimentación.

Accesorios para conexión (cable alimentación 4,2m) y suspensión (cable de acero 4m) a techo incluidos en todos los productos lineales de alimentación o intermedios.

Disponibles esquinas de 90° en el mismo plano (elemento simétrico para esquina izquierda y derecha), comunes en versiones Up&Down y Down. No provistos para conexión a driver.

Las esquinas de las versiones Suspendidas del Tracking Magnet no llevan iluminación indirecta. La iluminación indirecta se controla con circuito común a la luz directa.

Electromechanical track for suspended installations.

Linear elements in the Up&Down version include indirect LED illumination in the upper part of the profile. Shared or separate power feed.

Linear tracks available in two versions: power feed profiles for connecting to a driver, and intermediate profiles. Both versions available in lengths from 1m to 3m.

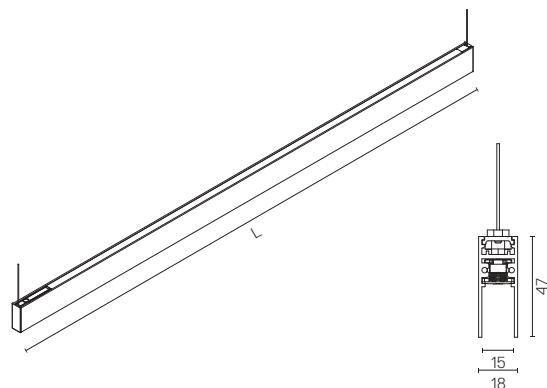
Covers included with the power feed profiles.

Ceiling connection (4.2m feed cable) and suspension (4m steel cable) accessories included in all linear feed or intermediate products.

90° corners in the same plane (symmetrical element for right and left corners) for the Up&Down and Down versions. Not provided for connection to the driver.

The corners of hanging elements of the Tracking Magnet are not fitted with indirect lighting. Indirect illumination is controlled through a common circuit with the direct light.

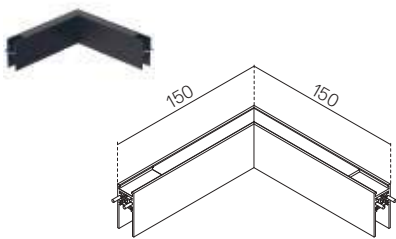
Elementos Lineales / Straight Elements



POWER LED
7,6W/m UP
870 1m/m UP
3000K/CRI 80

L: 1 m / 1,5 m / 2 m / 2,5 m / 3 m

Esquina 90° / 90° Corner



Ver accesorios disponibles.
See available accessories.

Perfiles de Alimentación

Feed Unit Profiles

1000 mm
 06.1514.40
 06.1514.05
 06.1514.14

1500 mm
 06.1515.40
 06.1515.05
 06.1515.14

2000 mm
 06.1516.40
 06.1516.05
 06.1516.14

2500 mm
 06.1517.40
 06.1517.05
 06.1517.14

3000 mm
 06.1518.40
 06.1518.14

Perfiles Intermedios

Intermediate Profiles

1000 mm
 06.1519.40
 06.1519.05
 06.1519.14

1500 mm
 06.1520.40
 06.1520.05
 06.1520.14

2000 mm
 06.1521.40
 06.1521.05
 06.1521.14

2500 mm
 06.1522.40
 06.1522.05
 06.1522.14

3000 mm
 06.1523.40
 06.1523.05

90° Corner
 06.1524.40
 06.1524.05
 06.1524.14

THE TRACKING MAGNET SUSPENSION DOWN — PROFILES

Perfiles / Profiles

Carril electro-mecánico para instalaciones suspendidas.

Carriles lineales disponibles en dos versiones: perfiles de alimentación, para conexión a driver, y perfiles intermedios. Ambas versiones con longitudes de 1m a 3m.

Tapas incluidas en los perfiles de alimentación.

Accesorios para conexión (cable alimentación 4,2m) y suspensión (cable de acero 4m) a techo incluidos en todos los productos lineales de alimentación o intermedios.

Disponibles esquinas de 90° en el mismo plano (elemento simétrico para esquina izquierda y derecha), comunes en versiones Up&Down y Down. Provisos para conexión a driver.

Electromechanical track for suspended installations.

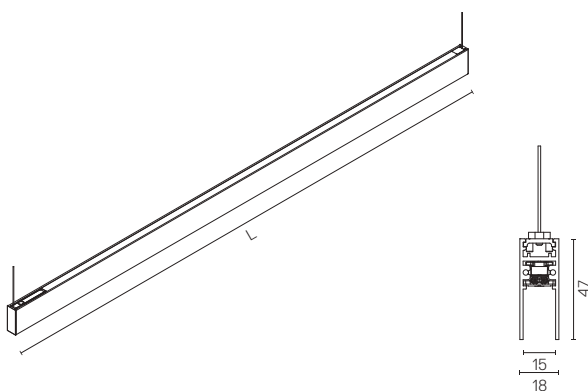
Linear tracks available in two versions: power feed profiles for connecting to a driver, and intermediate profiles. Both versions available in lengths from 1m to 3m.

Covers included with the power feed profiles.

Ceiling connection (4.2m feed cable) and suspension (4m steel cable) accessories included in all linear feed or intermediate products.

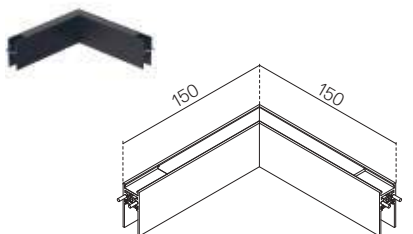
90° corners in the same plane (symmetrical element for right and left corners) for the Up&Down and Down versions. For connection to the driver.

Elementos Lineales / Straight Elements



L: 1 m / 1,5 m / 2 m / 2,5 m / 3 m

Esquina 90° / 90° Corner



Ver accesorios disponibles.
See available accessories.

Perfiles de Alimentación Feed Unit Profiles

1000 mm

06.1526.40

06.1526.05

06.1526.14

1500 mm

06.1527.40

06.1527.05

06.1527.14

2000 mm

06.1528.40

06.1528.05

06.1528.14

2500 mm

06.1529.40

06.1529.05

06.1529.14

3000 mm

06.1530.40

06.1530.14

Perfiles Intermedios Intermediate Profiles

1000 mm

06.1531.40

06.1531.05

06.1531.14

1500 mm

06.1532.40

06.1532.05

06.1532.14

2000 mm

06.1533.40

06.1533.05

06.1533.14

2500 mm

06.1534.40

06.1534.05

06.1534.14

3000 mm

06.1535.40

06.1535.14

90° Corner

06.1524.40

06.1524.05

06.1524.14

THE TRACKING MAGNET SUSPENSION — ACCESSORIES

Accesorios
Accessories

Rosetón de alimentación de superficie. Equipo no incluido, pedir por separado.

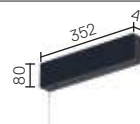
Surface rose. Equipment not included. To be ordered separately.



08.8883.40
08.8883.14

Caja de alimentación de superficie tanto para luz directa como luz directa e indirecta con alojamiento para driver. Equipo 24V/185W incluido.

Surface power supply for direct and indirect lighting with housing for the driver. 24V/185W equipment included.



08.8886.40
08.8886.14

Rosetón de alimentación empotrado. Equipo no incluido, pedir por separado.

Recessed power supply rose. Equipment not included. To be ordered separately.



08.8889.40
08.8889.14

Las tapas van incluidas con todos los elementos de alimentación. Se deben pedir por separado, solo si la instalación está compuesta por elementos intermedios, exclusivamente.

Endcaps come complete with all the power supply elements. These should only be ordered separately if the installation is exclusively composed of intermediate elements.



08.8891.40
08.8891.05
08.8891.14

Equipos
Drivers

Fuente de alimentación LED para instalación remota en cuadro eléctrico 24V/185W. Para evitar problemas de sobrecarga se recomienda instalar una fuente de alimentación cada 185W.

LED power supply source for remote installation in 24V/185W electric control panel. To avoid problems of overload it is recommended to install a power source every 185W.



60.0004

The Tracking Magnet UP Version

Transformador electrónico de tensión constante (24V) para LED. 100/240V.

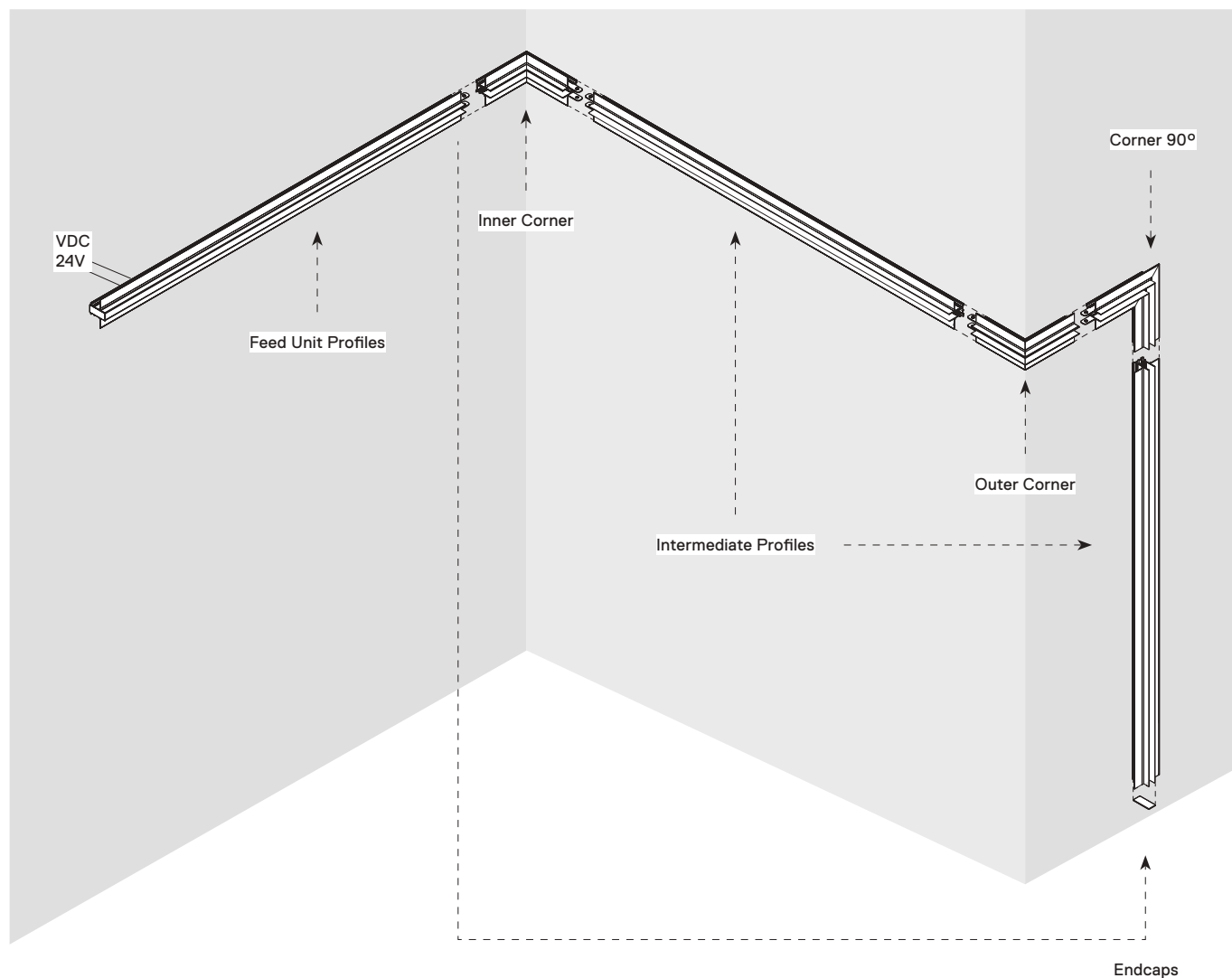
Electronic transformer with constant voltage (24V) for LED. 100/240V.



60W
60.8496

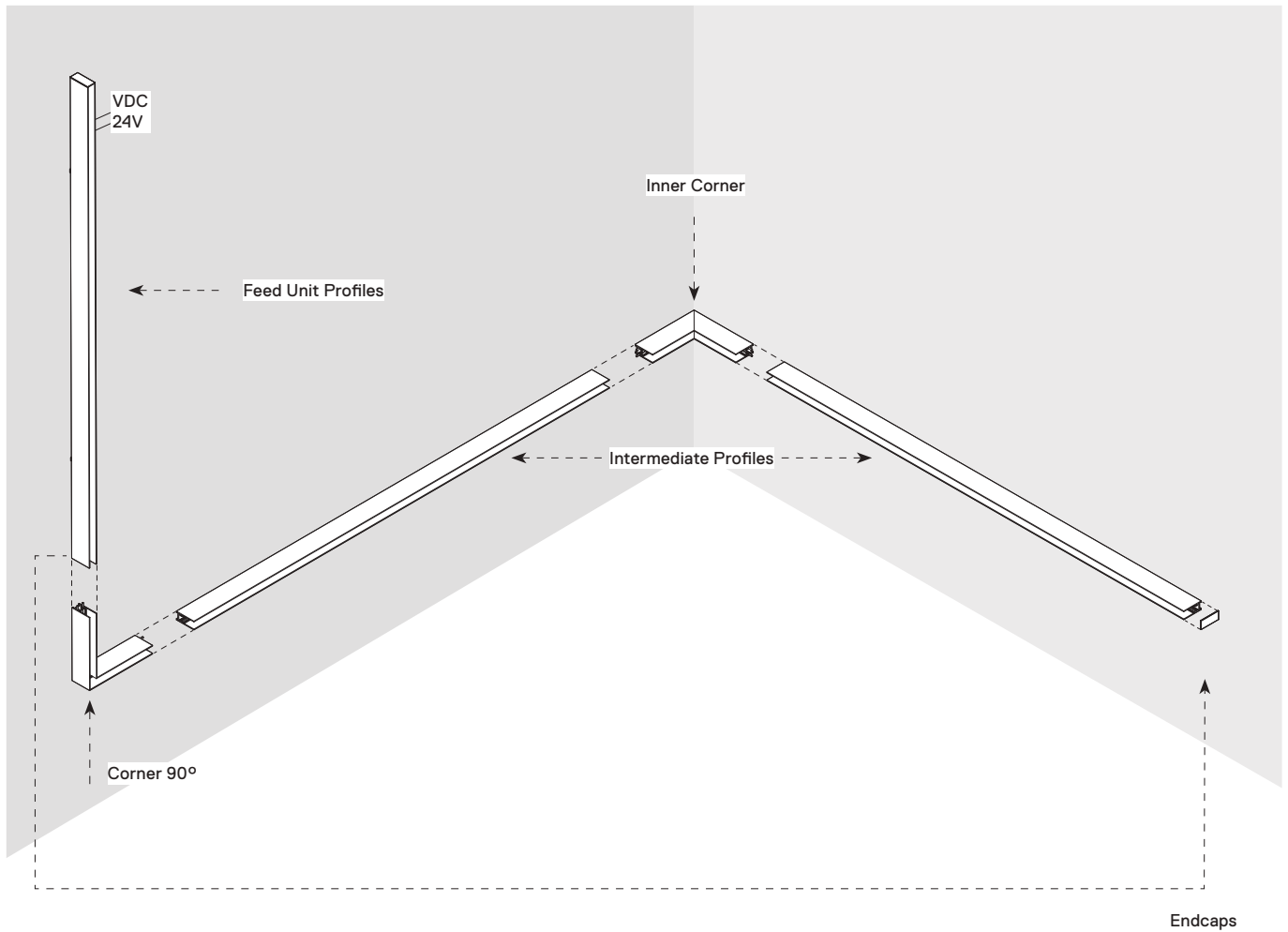
THE TRACKING MAGNET — INSTALLATION PROFILES

RECESSED INSTALLATION



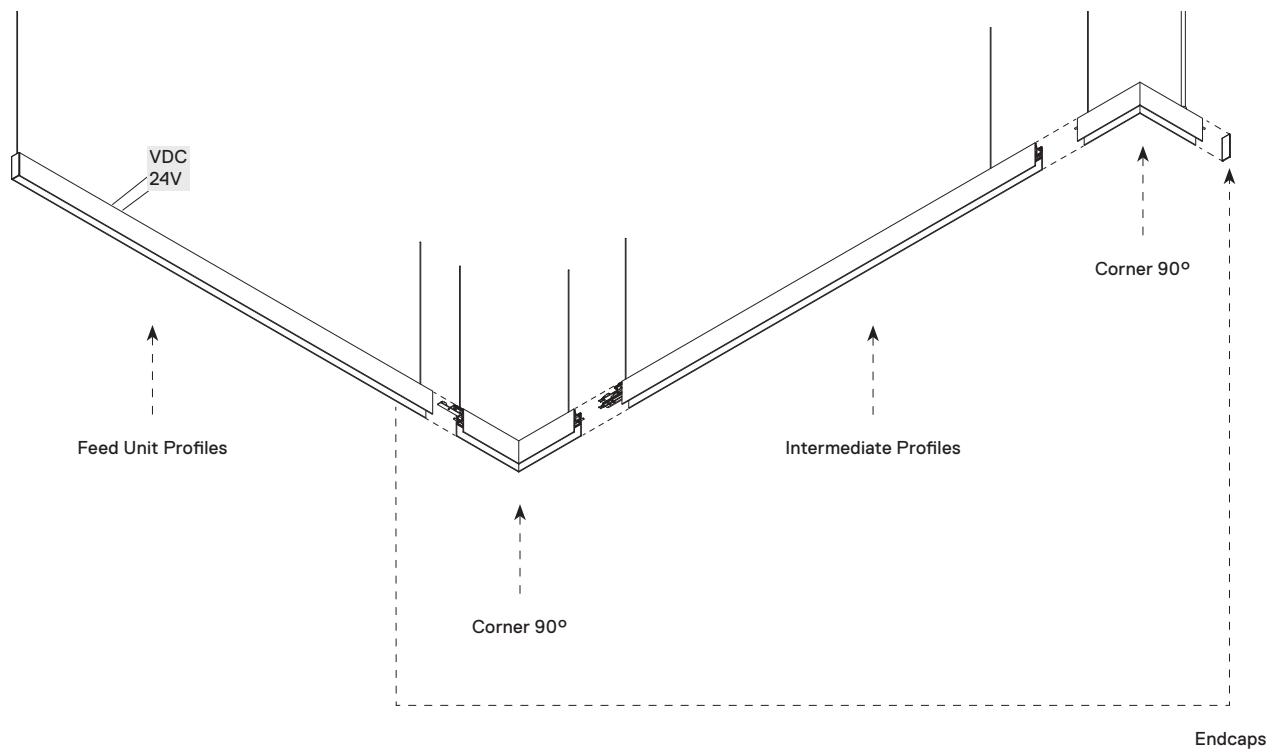
THE TRACKING MAGNET — INSTALLATION PROFILES

SURFACE INSTALLATION



THE TRACKING MAGNET — INSTALLATION PROFILES

SUSPENSION INSTALLATION



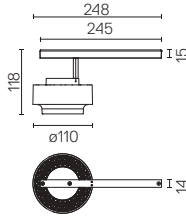
THE TRACKING MAGNET — LIGHT MODULES

ANTHONY SPOT TRACK



PHOSPHOR LED
14,5W
1200 lm
2700K/CRI 95

16,7W
1710 lm
3000K/CRI 80

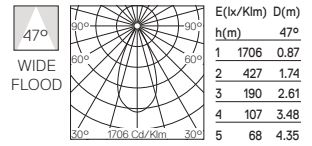
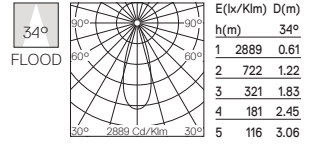
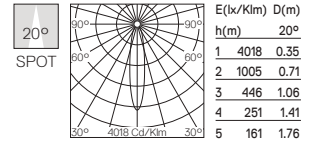


Módulo de iluminación LED de acento para ser instalado en el sistema The Tracking Magnet. Convertidor electrónico de corriente DC/DC incorporado. Regulación de la intensidad luminosa con regulador incorporado. Fuente de alimentación remota a 24V no incluida. Max 17W.

Accent lighting LED module to be installed in The Tracking Magnet System. Built-in DC/DC electronic voltage converter. Regulation of the light intensity with built-in regulator. Remote 24V power supply not included. Max 17W.

2700K
03.6401.40
03.6401.05
03.6401.14

3000K
03.6400.40
03.6400.05
03.6400.14



LED INCL.
NOT REPLACEABLE

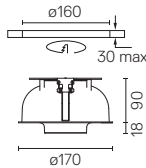


ANTHONY SPOT CEILING



PHOSPHOR LED
DC 500 mA
11,9W
1060 lm
2700K/CRI 95

13,6W
1490 lm
3000K/CRI 80

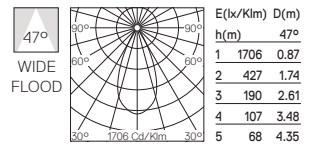
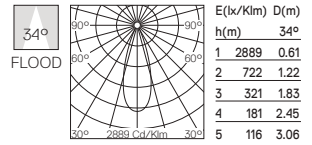
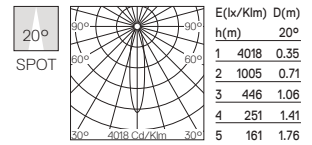


Empotrable de altas prestaciones para fuente de luz LED. Fuente de alimentación remota 220-240V no incluida.

High-performance embedded light fixture for LED light source. Remote 220-240V power supply not included.

2700K
03.6415.40
03.6415.05
03.6415.14

3000K
03.6416.40
03.6416.05
03.6416.14

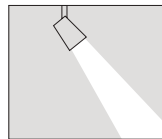


Cuerpo empotrado acabado en blanco para todos los decorados; acabado en negro disponible bajo pedido.

Standard trim cove in white for all finishes; black finish available under request.

Equipos recomendados:
Recommended power supply:

Non Dimmable 60.8673
Dimmable Dali 60.8485
110V Non Dimmable 60.9233
110V Dimmable Dali 60.8847



LED INCL.
NOT REPLACEABLE



Accesorios Accessories

Lente para la distribución elíptica del flujo luminoso.
Elliptical light distribution lens.



08.8418.68

Elemento apantallador tipo "nido de abeja", realizado en aluminio y acabado en negro.



08.8419.14

"Honeycomb" anti-glare screen: in thin, black-painted aluminium sheets.

Aro exterior apantallador acabado en negro.



08.8424.14

External cut-off ring with black finish.

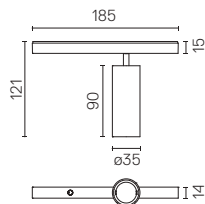
THE TRACKING MAGNET — LIGHT MODULES

SPOT TRACKING 90



POWER LED
9,6W
1050 lm
3000K/CRI 80

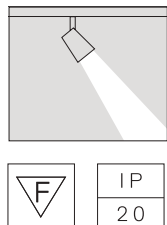
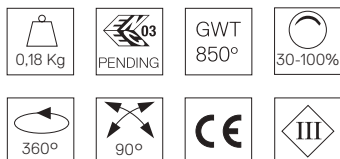
9,6W
850 lm
2700K/CRI 90



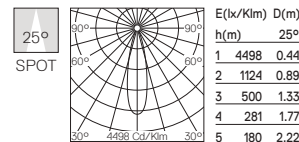
Módulo de iluminación LED de acento para ser instalado en el sistema The Tracking Magnet. Convertidor electrónico de corriente DC/DC incorporado. Regulación de la intensidad luminosa con regulador incorporado. Fuente de alimentación remota a 24V no incluida. Max 9W.

Accent lighting LED module to be installed in The Tracking Magnet System. Built-in DC/DC electronic voltage converter. Regulation of the light intensity with built-in regulator. Remote 24V power supply not included. Max 9W.

LED INCL.
NOT REPLACEABLE



2700K	03.6411.40
	03.6411.05
	03.6411.14
3000K	03.6410.40
	03.6410.05
	03.6410.14



FLOOD

Máximo 13 spots para un mismo driver. Para otras combinaciones consultar con FLOS.

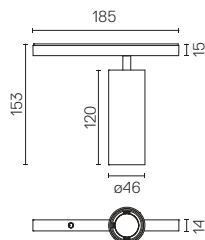
Maximum 13 spots for a single driver. Ask FLOS for other combinations.

SPOT TRACKING 120



POWER LED
12,5W
1310 lm
3000K/CRI 80

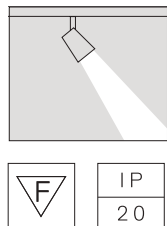
12,5W
1060 lm
2700K/CRI 90



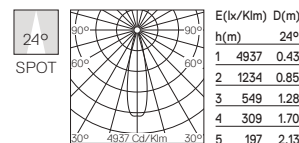
Módulo de iluminación LED de acento para ser instalado en el sistema The Tracking Magnet. Convertidor electrónico de corriente DC/DC incorporado. Regulación de la intensidad luminosa con regulador incorporado. Fuente de alimentación remota a 24V no incluida. Max 11W.

Accent lighting LED module to be installed in The Tracking Magnet System. Built-in DC/DC electronic voltage converter. Regulation of the light intensity with built-in regulator. Remote 24V power supply not included. Max 11W.

LED INCL.
NOT REPLACEABLE



2700K	03.6413.40
	03.6413.05
	03.6413.14
3000K	03.6412.40
	03.6412.05
	03.6412.14



FLOOD

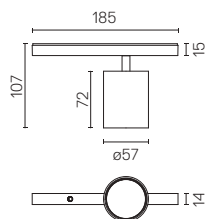
Máximo 10 spots para un mismo driver. Para otras combinaciones consultar con FLOS.

Maximum 10 spots for a single driver. Ask FLOS for other combinations.

EASY SPOT TRACKING



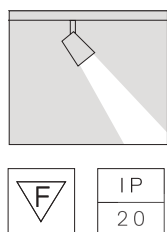
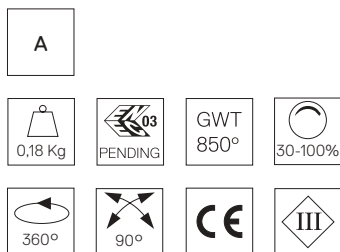
LED
QR-CBC 51
GX5.3
MAX 10W



Módulo de iluminación LED de acento para ser instalado en el sistema The Tracking Magnet. Convertidor electrónico de corriente DC/DC incorporado. Regulación de la intensidad luminosa con regulador incorporado. Fuente de alimentación remota a 24V no incluida. Max 10W.

Accent lighting LED module to be installed in The Tracking Magnet System. Built-in DC/DC electronic voltage converter. Regulation of the light intensity with built-in regulator. Remote 24V power supply not included. Max 10W.

Compatible solo con lámparas de FLOS.
Only compatible with FLOS lamps.



Non Dimmable	03.6414.40
	03.6414.05
	03.6414.14

Dimmable	03.6421.40
	03.6421.05
	03.6421.14

Máximo 9 spots dimables ó 17 no dimables para un mismo driver. Para otras combinaciones consultar con FLOS.

Maximum of 9 dimmable spots or 17 non-dimmable spots for a single driver. Ask FLOS for other combinations.

THE BLACK LINE

DESIGNED BY FLOS ARCHITECTURAL

Versión
Version

NO TRIM
2 SPOTS



NO TRIM
4 SPOTS



NO TRIM
8 SPOTS



NO TRIM
12 SPOTS



TRIM
2 SPOTS



TRIM
4 SPOTS




TRIM
8 SPOTS




TRIM
12 SPOTS




Fuentes de Luz
Light Sources


POWER LED
6,5W
2x197 1m
2700K/CRI 90


6,5W
2x237 1m
3000K/CRI 80


POWER LED
13W
4x197 1m
2700K/CRI 90

13W
4x237 1m
3000K/CRI 80


POWER LED
26W
8x197 1m
2700K/CRI 90

26W
8x237 1m
3000K/CRI 80


POWER LED
39W
12x197 1m
2700K/CRI 90

39W
12x237 1m
3000K/CRI 80

Colores
Colours

The Black Line No Trim

 14 Negro
14 Black



The Black Line Trim

00 Imprimación
00 Primer

 40 Blanco
40 White



Descripción

Revolucionaria familia de luminarias LED para interiores: un nuevo concepto de iluminación, con una combinación única de downlights para un efecto inmejorable de homogeneidad. El corazón de estas luminarias consiste en una línea de conos de silicona especialmente diseñados, con fijación magnética sobre una extrusión de aluminio compacta que alberga los circuitos electrónicos, sirviéndose de unas dimensiones muy reducidas para simplificar la instalación y permitir el mantenimiento de la placa LED en las versiones No Trim.

Los conos cubren cada módulo LED del sistema, proporcionando una intensidad máxima limitada para mejorar el confort visual y, al mismo tiempo, moldear la forma de la luz, en haces estrechos o dispersos, conforme a los requisitos del proyecto.

La geometría especial de las lentes integradas en los conos delimitados contribuye a crear una iluminación virtualmente libre de reflejos, totalmente agradable. Asimismo, el sistema de soporte magnético de los conos permite un acceso total a la luminaria una vez instalada.

La familia está disponible en configuraciones de 2/4/8/12 focos, con ópticas de iluminación general y de acento.

Todas las opciones están disponibles sin marco de empotramiento (No Trim), para una integración total dentro de la arquitectura y un resultado estético perfecto, así como con marco de empotramiento (Trim), para una instalación más sencilla.

El marco externo de la versión Trim está disponible en acabado blanco o en imprimación para su posterior pintado en función del color del techo.

Fuentes de Luz

LED:

- Versión de 2 focos: Power LED 6,5W.
- Versión de 4 focos: Power LED 13W.
- Versión de 8 focos: Power LED 26W.
- Versión de 12 focos: Power LED 39W.

Unidades de Alimentación

Fuente de alimentación remota de 1050 mA no incluida.

Información Adicional

La versión No Trim se ha diseñado para una instalación en placas de escayola de un espesor de 12,5 mm.

En la versión No Trim, instalar el driver en una posición accesible.

Índice de protección IP20.

Clase de aislamiento III.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Revolutionary LED family for indoor use, offering a new concept of illumination, with a unique combination of multiple downlight spots for an unmatched effect of homogeneity.

The core of the luminaires is a line of specially designed silicon cones, magnetically fixed on a compact aluminum extrusion hosting the electronics, with a very reduced size to simplify installation and allow LED maintenance in the No Trim version.

The cones cover each of the system's LED modules, providing maximum cut-off to enhance visual comfort and, at the same time, determine the shape of the light, in a narrow or flood beam, according to the requirements of the project.

The special geometry of the lens integrated in the cut-off cones contributes to a virtually glare-free, totally comfortable illumination, and the magnetic mounting system of the cones makes the lamp totally accessible once installed.

The family is available in lines of 2/4/8/12 spots, with accent lighting and general lighting optics.

All options are available in a No Trim version, for total integration into the architecture and a perfect aesthetic result, and a Trim version, for simpler installation.

The external frame of the trim version is available in a white or a primer finish, to be painted in the same color as the ceiling.

Light Sources

LED:

- 2-spots version: Power LED 6,5W.
- 4-spots version: Power LED 13W.
- 8-spots version: Power LED 26W.
- 12-spots version: Power LED 39W.

Power Supply

1050 mA remote power supply not included.

Additional Information

The No Trim version is designed for installation in 12.5mm thick plaster-board.

For the No Trim version, install drive in an accessible position.

IP20 protection grade.

Insulation class III.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

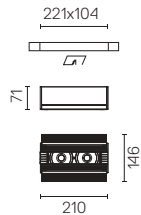
THE BLACK LINE

THE BLACK LINE NO TRIM 2 SPOTS



POWER LED
6,5W
2x197 1m
2700K/CRI 90

6,5W
2x237 1m
3000K/CRI 80

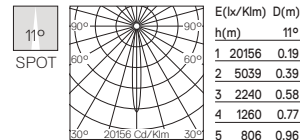


Luminaria empotrable de 2 focos LED. Fuente de alimentación remota de 1050 mA no incluida.

Recessed integrated luminaire with 2 LED lighting spots. 1050 mA remote power supply not included.

2700K
■ 03.0051.14.NT

3000K
■ 03.0050.14.NT



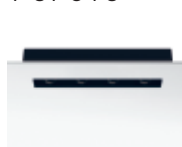
Equipos recomendados:
Recommended power supply:

Non Dimmable 60.8670
Dim 1-10V / Dim Dali / Push 60.8530



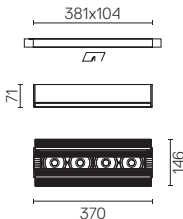
LED INCL.
NOT REPLACEABLE

THE BLACK LINE NO TRIM 4 SPOTS



POWER LED
13W
4x197 1m
2700K/CRI 90

13W
4x237 1m
3000K/CRI 80

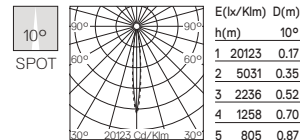


Luminaria empotrable de 4 focos LED. Fuente de alimentación remota de 1050 mA no incluida.

Recessed integrated luminaire with 4 LED lighting spots. 1050 mA remote power supply not included.

2700K
■ 03.0055.14.NT

3000K
■ 03.0054.14.NT

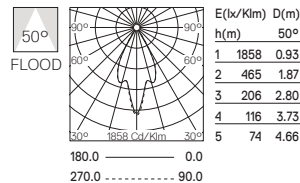


Equipos recomendados:
Recommended power supply:

Non Dimmable 60.8548
Dimmable Dali 60.8549
Dim 1-10V / Dim Dali / Push 60.8530

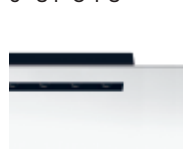


LED INCL.
NOT REPLACEABLE



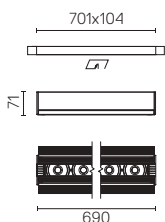
THE BLACK LINE

THE BLACK LINE NO TRIM 8 SPOTS



POWER LED
26W
8x197 1m
2700K/CRI 90

26W
8x237 1m
3000K/CRI 80



Luminaria empotrable de 8 focos LED. Fuente de alimentación remota de 1050 mA no incluida.

Recessed integrated luminaire with 8 LED lighting spots. 1050 mA remote power supply not included.

2700K
■ 03.0059.14.NT

3000K
■ 03.0058.14.NT

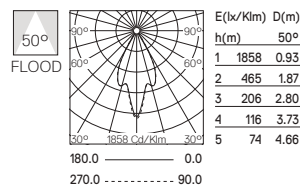
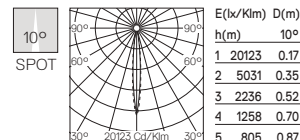
Equipos recomendados:
Recommended power supply:

Non Dimmable 60.8548
Dimmable Dali 60.8549
Dim 1-10V / Dim Dali / Push 60.8530



GWT
850°

LED INCL.
NOT REPLACEABLE

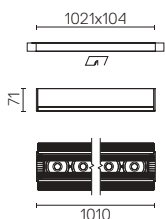


THE BLACK LINE NO TRIM 12 SPOTS



POWER LED
39W
12x197 1m
2700K/CRI 90

39W
12x237 1m
3000K/CRI 80



Luminaria empotrable de 12 focos LED. Fuente de alimentación remota de 1050 mA no incluida.

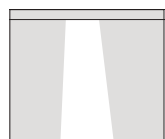
Recessed integrated luminaire with 12 LED lighting spots. 1050 mA remote power supply not included.

2700K
■ 03.0063.14.NT

3000K
■ 03.0062.14.NT

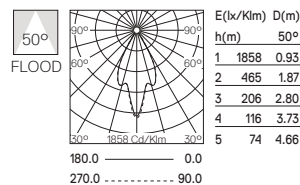
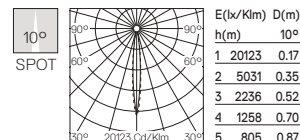
Equipos recomendados:
Recommended power supply:

Dim 1-10V / Dim Dali / Push 60.8530



GWT
850°

LED INCL.
NOT REPLACEABLE

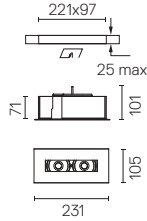


THE BLACK LINE

THE BLACK LINE TRIM 2 SPOTS



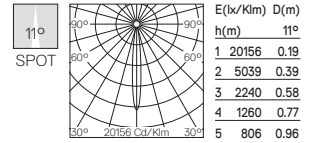
POWER LED
6,5W
2x197 1m
2700K/CRI 90
6,5W
2x237 1m
3000K/CRI 80



Luminaria empotrable de 2 focos LED. Fuente de alimentación remota de 1050 mA no incluida.

Recessed integrated luminaire with 2 LED lighting spots. 1050 mA remote power supply not included.

2700K
 03.0051.00
 03.0051.40
3000K
 03.0050.00
 03.0050.40



Equipos recomendados:
Recommended power supply:

Non Dimmable 60.8670
Dim 1-10V / Dim Dali / Push 60.8530

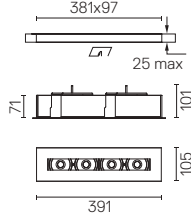


LED INCL.
NOT REPLACEABLE

THE BLACK LINE TRIM 4 SPOTS



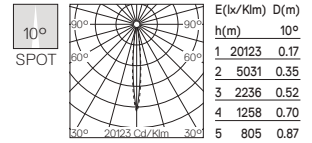
POWER LED
13W
4x197 1m
2700K/CRI 90
13W
4x237 1m
3000K/CRI 80



Luminaria empotrable de 4 focos LED. 1050 mA remote power supply not included.

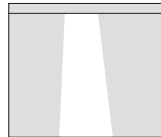
Recessed integrated luminaire with 4 LED lighting spots. 1050 mA remote power supply not included.

2700K
 03.0055.00
 03.0055.40
3000K
 03.0054.00
 03.0054.40



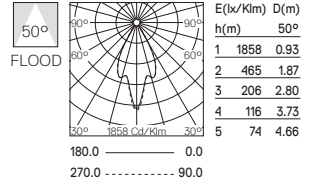
Equipos recomendados:
Recommended power supply:

Non Dimmable 60.8548
Dimmable Dali 60.8549
Dim 1-10V / Dim Dali / Push 60.8530



LED INCL.
NOT REPLACEABLE

2700K
 03.0057.00
 03.0057.40
3000K
 03.0056.00
 03.0056.40

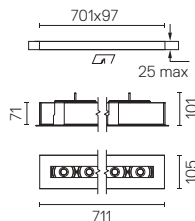


THE BLACK LINE

THE BLACK LINE TRIM 8 SPOTS



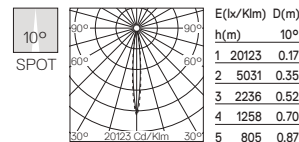
POWER LED
26W
8x197 1m
2700K/CRI 90
26W
8x237 1m
3000K/CRI 80



Luminaria empotrable de 8 focos LED. Fuente de alimentación remota de 1050 mA no incluida.

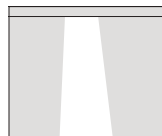
Recessed integrated luminaire with 8 LED lighting spots. 1050 mA remote power supply not included.

- 2700K
 03.0059.00
 03.0059.40
 3000K
 03.0058.00
 03.0058.40



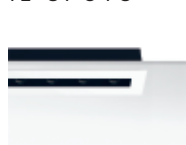
Equipos recomendados:
Recommended power supply:

Non Dimmable 60.8548
Dimmable Dali 60.8549
Dim 1-10V / Dim Dali / Push 60.8530

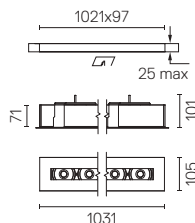


LED INCL.
NOT REPLACEABLE

THE BLACK LINE TRIM 12 SPOTS



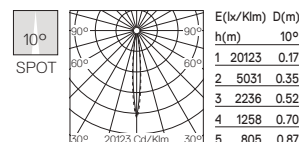
POWER LED
39W
12x197 1m
2700K/CRI 90
39W
12x237 1m
3000K/CRI 80



Luminaria empotrable de 12 focos LED. Fuente de alimentación remota de 1050 mA no incluida.

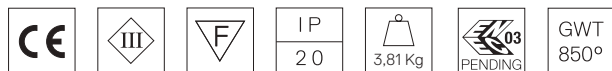
Recessed integrated luminaire with 12 LED lighting spots. 1050 mA remote power supply not included.

- 2700K
 03.0063.00
 03.0063.40
 3000K
 03.0062.00
 03.0062.40

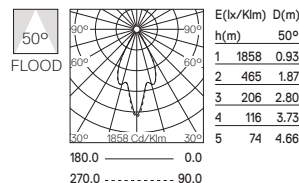


Equipos recomendados:
Recommended power supply:

Dim 1-10V / Dim Dali / Push 60.8530



LED INCL.
NOT REPLACEABLE



CIRCLE OF LIGHT

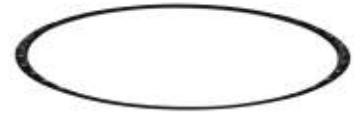
DESIGNED BY FLOS ARCHITECTURAL

Versión
Version

CIRCLE OF LIGHT
300 mm

CIRCLE OF LIGHT
600 mm

CIRCLE OF LIGHT
900 mm



Fuentes de Luz
Light Sources



POWER LED
12x3W
12x185 lm
2700K/CRI 90

12x3W
12x284 lm
3000K/CRI 80



POWER LED
24x3W
24x185 lm
2700K/CRI 90

24x3W
24x284 lm
3000K/CRI 80



POWER LED
36x3W
36x185 lm
2700K/CRI 90

36x3W
36x284 lm
3000K/CRI 80

Colores
Colours

■ 14 Negro
14 Black



Premios
Awards



reddot design award
winner 2013

CIRCLE OF LIGHT

Descripción

Luminaria empotrada de interiores con una fácil instalación en techos de cartón yeso, formada por una estructura circular sobre la cual viene posicionado un módulo de iluminación LED, reproducido a lo largo de su perímetro.

El producto se suministra pre-instalado sobre un perfil tipo "Soft Architecture" para garantizar su fácil montaje y perfecta integración en el techo.

Mediante un sistema de fijación magnética las labores de instalación de los módulos de luz, así como futuras operaciones de mantenimiento, se pueden realizar sin la necesidad de herramientas específicas.

Circle of Light está disponible en tres diámetros: 300, 600 y 900mm formados por 12, 24 ó 36 proyectores respectivamente.

Disponible en los acabados: negro (14).

Reflectores

La luminaria se encuentra disponible en versiones de luz de acento con ópticas intensivas (accent lighting) o luz ambiental con ópticas extensivas (general lighting), dotando al sistema de cierta flexibilidad para adecuarse a los requerimientos de iluminación.

Fuentes de Luz

- Diámetro 300mm: Power LED, 12x3W:
2700K / CRI 90; 3000K / CRI 80.

- Diámetro 600mm: Power LED, 24x3W:
2700K / CRI 90; 3000K / CRI 80.

- Diámetro 900mm: Power LED, 36x3W:
2700K / CRI 90; 3000K / CRI 80.

Unidades de Alimentación

Fuente de alimentación remota a 24V / 40W incluida.

Input: 100-240VAC / 0.55A 50/60Hz; Output: +24V / 1.9A.

Información Adicional

La luminaria se suministra con una fuente de alimentación remota a 24V incluida. Su conexión al convertidor de corriente DC-DC se realiza mediante un cableado equipado con conexiones rápidas, de tal forma que su instalación correcta queda garantizada y no se requiere de herramientas específicas.

El posterior acceso a la fuente de alimentación como al convertidor de corriente DC-DC y su cableado de interconexión queda garantizado gracias a la posibilidad de retirar la parte central de la luminaria de tal modo que las labores de mantenimiento se puedan realizar de forma cómoda y sencilla.

Índice de protección IP20.

Clase de aislamiento II.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

A lighting system for indoor application comprised of a circular metal structure on which individual LED lighting spots are placed. The fitting is pre-wired and comes with a "Soft Architecture" type frame for an easy and seamless installation on the plasterboard ceiling.

The LED lighting modules are attached with a magnet for an easy mounting and for the maintenance no special tools are needed.

Circle of Light is available in three diameters: 300, 600 or 900mm comprised of 12, 24 or 36 LED Lighting Spots, according to each size.

Finishes: black (14).

Reflectors

The LED Spotlight set for the Circle of Light is available for Accent Lighting or General Lighting optic concepts. Herewith this fitting offers a some flexibility to create the desired ambiance.

Light Sources

- 300 mm diameter: Power LED, 12x3W:
2700K / CRI 90; 3000K / CRI 80.

- 600 mm diameter: Power LED, 24x3W:
2700K / CRI 90; 3000K / CRI 80.

- 900 mm diameter: Power LED, 36x3W:
2700K / CRI 90; 3000K / CRI 80.

Power Supply

Remote equipment 24V / 40W included.

Input 100-240VAC / 0.55A 50/60Hz; Output +24V / 1.9A.

Additional Information

The connection of the power supply to the converter DC-DC is easy by using distribution boxes and a correct connection can be granted without any special tool. The distribution boxes are included.

For further access to the power supply and to the connected converters DC-DC during maintenance the Circle Of Light has a front cover that can be easily removed and reinstalled. IP20 protection grade.

Insulation class II.

Compliance Of Standards And Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

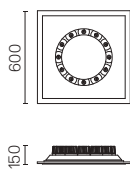
CIRCLE OF LIGHT

CIRCLE OF LIGHT 300 mm



POWER LED
12x3W
12x185 lm
2700K/CRI 90

12x3W
12x284 lm
3000K/CRI 80



Sistema de iluminación perfectamente integrado en el techo, preparado para albergar 12 focos tipo LED. Caja de 12 focos, junto con su correspondiente sistema eléctrico no incluido, se sirve por separado. La versión 1-10V es regulable desde 10% al 100%.

Ø300
Soft Plate
SA.1050.1

2700K
Accent Lighting
Set of 12 spots
08.8662.14A
08.8662.14A1V

General Lighting
Set of 12 spots
08.8663.14A
08.8663.14A1V

Lighting system, seamless ceiling mounted, for 12 individual LED lighting spots. Set of 12 spots, complete with junction box, power supply and cables, has to be ordered separately. The 1-10V version is dimmable from 10% to 100%.

3000K
Accent Lighting
Set of 12 spots
08.8572.14A
08.8572.14A1V

General Lighting
Set of 12 spots
08.8573.14A
08.8573.14A1V

Luz de Acento y Luz General:
se debe pedir 1 unidad.

Accent Lighting and General Lighting:
1 unit must be ordered.



LED INCL.
NOT REPLACEABLE

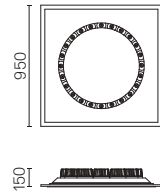
1050 8662 - 8573

CIRCLE OF LIGHT 600 mm



POWER LED
24x3W
24x185 lm
2700K/CRI 90

24x3W
24x284 lm
3000K/CRI 80



Sistema de iluminación perfectamente integrado en el techo, preparado para albergar 24 focos tipo LED. Cajas de 12 focos, junto con sus correspondientes sistemas eléctricos no incluidos, se sirven por separado. La versión 1-10V es regulable desde 10% al 100%.

Ø600
Soft Plate
SA.1051.1

2700K
Accent Lighting
Set of 12 spots
08.8662.14A
08.8662.14A1V

General Lighting
Set of 12 spots
08.8663.14A
08.8663.14A1V

Lighting system, seamless ceiling mounted, for 24 individual LED lighting spots. Set of 12 spots, complete with junction box, power supply and cables, has to be ordered separately. The 1-10V version is dimmable from 10% to 100%.

3000K
Accent Lighting
Set of 12 spots
08.8572.14A
08.8572.14A1V

General Lighting
Set of 12 spots
08.8573.14A
08.8573.14A1V

Luz de Acento y Luz General:
se deben pedir 2 unidades.

Accent Lighting and General Lighting:
2 units must be ordered.



LED INCL.
NOT REPLACEABLE

1051 8662 - 8573

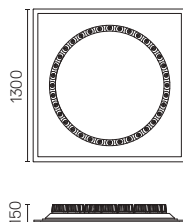
CIRCLE OF LIGHT

CIRCLE OF LIGHT 900 mm



POWER LED
36x3W
36x185 lm
2700K/CRI 90

36x3W
36x284 lm
3000K/CRI 80



Sistema de iluminación perfectamente integrado en el techo, preparado para albergar 36 focos tipo LED. Cajas de 12 focos, junto con sus correspondientes sistemas eléctricos no incluidos, se sirven por separado. La versión 1-10V es regulable desde 10% al 100%.

Lighting system, seamless ceiling mounted, for 36 individual LED lighting spots. Set of 12 spots, complete with junction box, power supply and cables, has to be ordered separately. The 1-10V version is dimmable from 10% to 100%.

Ø900
Soft Plate
SA.1052.1

2700K
Accent Lighting
Set of 12 spots
08.8662.14A
08.8662.14A1V

General Lighting
Set of 12 spots
08.8663.14A
08.8663.14A1V

3000K
Accent Lighting
Set of 12 spots
08.8572.14A
08.8572.14A1V

General Lighting
Set of 12 spots
08.8573.14A
08.8573.14A1V

Luz de Acento y Luz General:
se deben pedir 3 unidades.

Accent Lighting and General Lighting:
3 units must be ordered.



LED INCL.
NOT REPLACEABLE

1052 8662 - 8573

IN-FINITY

DESIGNED BY FLOS ARCHITECTURAL



Versión
Version

35 mm / 70 mm / 100 mm

RECESSED
TRIM / NO TRIM



SURFACE



SUSPENSION
DOWN



SUSPENSION
UP&DOWN



Fuentes de Luz
Light Sources

RECESSED / SURFACE / SUSPENSION DOWN

35 mm	70 mm	100 mm
TOP LED	TOP LED	TOP LED
24W/m	29,3W/m	36,6W/m
3109 lm/m	3518 lm/m	3982 lm/m
3000K/CRI 80	3000K/CRI 80	3000K/CRI 80
24W/m	29,3W/m	36,6W/m
3335 lm/m	3782 lm/m	4238 lm/m
4000K/CRI 80	4000K/CRI 80	4000K/CRI 80

SUSPENSION UP&DOWN

35 mm	70 mm	100 mm
TOP LED	TOP LED	TOP LED
36,8W/m	42,1W/m	49,4W/m
1536 lm/m UP	1536 lm/m UP	1536 lm/m UP
3109 lm/m DOWN	3518 lm/m DOWN	3982 lm/m DOWN
3000K/CRI 80	3000K/CRI 80	3000K/CRI 80
36,8W/m	42,1W/m	49,4W/m
1680 lm/m UP	1680 lm/m UP	1680 lm/m UP
3335 lm/m DOWN	3782 lm/m DOWN	4238 lm/m DOWN
4000K/CRI 80	4000K/CRI 80	4000K/CRI 80

Colores
Colours

30 Blanco
30 White

02 Gris Anodizado
02 Anodized Grey

14 Negro
14 Black



Descripción

Sistema de iluminación LED empotrado, de superficie o suspendido diseñado para áreas de trabajo y espacios profesionales. Las luminarias están disponibles en anchos de 35 mm, 70 mm ó 100 mm.

El sistema se compone de elementos rectos con medidas desde 565 mm hasta 3095 mm, ángulo en la misma superficie o con cambio de plano techo-pared, y accesorios como tapas y kit de suspensión.

En todas las versiones, las luminarias se completan con:

- módulos de luz LED con driver incluido, en versiones de 3000K y 4000K.
- perfil de aluminio por instalación.
- reflector.
- sistema de unión para la conexión de los módulos.
- cable de seguridad anti caída de las luminarias, para garantizar la máxima protección en los trabajos de instalación.

Hay disponibles dos difusores diferentes: opal para iluminación general o difusor microprismático para un mayor confort visual.

El perfil exterior de la versión Empotrada No Trim solo está disponible en acabado blanco. Todas las demás versiones están disponibles en los acabados: blanco (30), gris anodizado (02) y negro (14).

Fuentes de Luz

LED:

- 35 mm:

- . Recessed / Surface / Suspension Down:
Top LED, 24W/m.
- . Suspension Up&Down:
Top LED, 36,8W/m.

- 70 mm:

- . Recessed / Surface / Suspension Down:
Top LED, 29,3W/m.
- . Suspension Up&Down:
Top LED, 42,1W/m.

- 100 mm:

- . Recessed / Surface / Suspension Down:
Top LED, 36,6W/m.
- . Suspension Up&Down:
Top LED, 49,4W/m.

Unidades de Alimentación

Drivers incluidos en los módulos de iluminación para conexión directa a red 220-240V o a otros módulos del sistema.

Accesorios

- tapas.
- kit de suspensión.
- kit de alimentación.

Información Adicional

Disponible en versión DALI 1-100%.

Versión dimable 1-10V bajo pedido.

Índice de protección IP40.

Clase de aislamiento I.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

LED lighting system for recessed, surface or suspended installation, designed for work areas and the illumination of professional spaces. Luminaires are available in three different sections of 35 mm, 70 mm or 100 mm.

The system is composed of straight elements, with a range of measurements, from 565 up to 3095 mm, corner elements for angles on the same surface, or with wall-ceiling surface change, accessories such as end covers, and a suspension kit.

In all versions the luminaires come with:

- LED lighting modules, including drivers, in 3000K or 4000K versions.
- aluminum installation channel.
- reflector.
- junction system for the connection of the system's modular element.
- safety cable to protect against the lamp's accidental falling, to provide for maximum safety during installation.

Two different diffusers are available: opal, for general, diffuse lighting; or a micro-prismatic for a for better visual comfort.

The external profile of the Recessed No Trim version is only available in white finish. All other versions are available in these finishes: white (30), anodized grey (02) and black (14).

Light Sources

LED:

- 35 mm:

- . Recessed / Surface / Suspension Down:
Top LED, 24W/m.
- . Suspension Up&Down:
Top LED, 36,8W/m.

- 70 mm:

- . Recessed / Surface / Suspension Down:
Top LED, 29,3W/m.
- . Suspension Up&Down:
Top LED, 42,1W/m.

- 100 mm:

- . Recessed / Surface / Suspension Down:
Top LED, 36,6W/m.
- . Suspension Up&Down:
Top LED, 49,4W/m.

Power Supply

Drivers included in lighting modules for 220-240V connections to mains or to other lighting modules.

Accessories

- end covers caps.
- suspension kit.
- feed unit kit.

Additional Information

Also available in DALI 1-100% version.

Dimmable 1-10V version under request.

IP40 protection degree.

Insulation Class I.

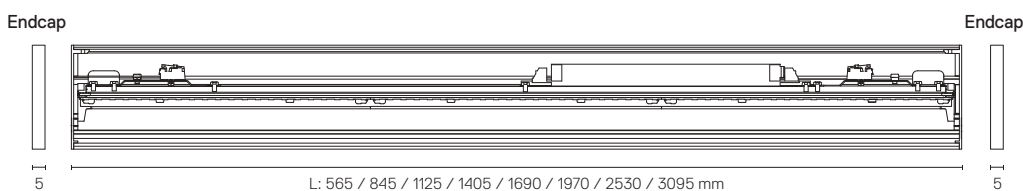
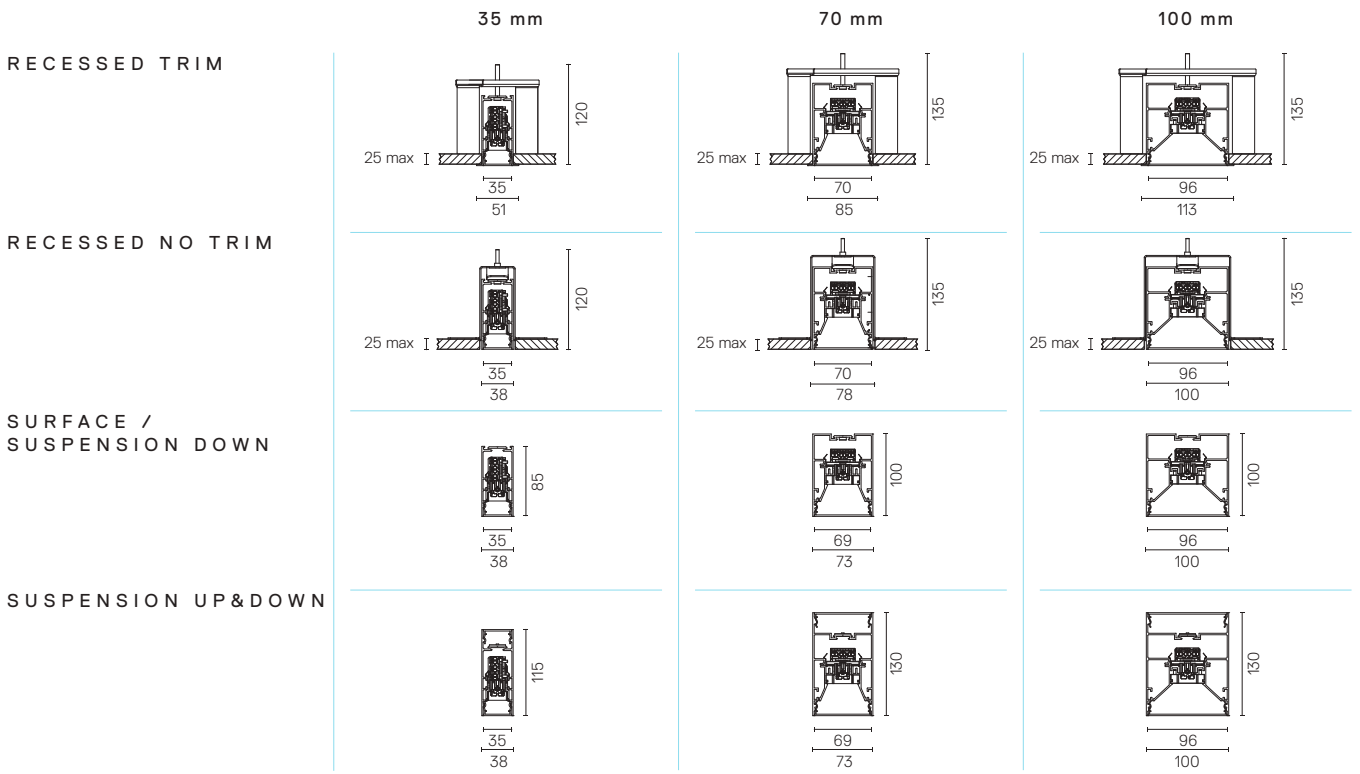
Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

Perfiles / Profiles

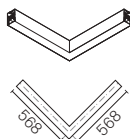
Elementos lineales y angulares de iluminación de distintas longitudes, para ser unidos dependiendo de las necesidades específicas de cada proyecto, o ser completadas con una tapa en cada extremo para ser utilizado como una única luminaria.
 Todos los elementos del sistema están completamente iluminados por módulos LED que se encuentran incluidos, e incluyen además los drivers necesarios, canal de instalación y difusor de la versión seleccionada. Elementos X o T custom disponibles bajo pedido.

Straight elements of different lengths and corner elements, to be composed according to the specific need of each project or to be completed by a pair of end caps and used as a single lamp.
 All system elements are completely illuminated by an included LED module, the required driver, installation channel, and the diffuser for the version selected.
 Custom X or T elements available under request.



Esquina Plana / Flat Corner

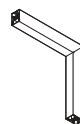
Luminaria de esquina para ángulos que se mantienen en la misma superficie, completada con el driver, el canal de instalación y el difusor de la versión seleccionada.



Corner element lamps for angles on the same surface, complete with a driver, installation channel and the diffuser for the version selected.

Esquina Diédrica / Dihedral Corner

Luminaria de esquina para ángulos con cambio de superficie (ejemplo: ángulo de techo a pared), completada con el driver, el canal de instalación y el difusor de la versión seleccionada. No está disponible para versiones suspendidas.



Corner element lamps for angles with surface changes (example: angle ceiling / wall), complete with a driver, installation channel and the diffuser for the version selected. For suspended versions not available.

Emergencia / Emergency



Módulo de emergencia disponible en todas las versiones, longitud 1125 mm. En uso normal, mismo consumo que el In-Finity estándar. En uso de emergencia, emite un 10% del flujo normal durante 3 horas.

Emergency Module available in all versions, length 1125 mm. In normal use, it uses the same power consumption as the standard In-Finity. In emergency use, it emits 10% of normal use during 3 hours.

Difusor Opal / Opal Diffuser

Iluminación ambiental difusa, uniforme y apantallada.



Diffuse, glare free and uniform lighting throughout the room.

Difusor Microprismático / Micro-Prismatic Diffuser

Difusor de alta eficiencia para iluminación apantallada de UGR<19, gracias a su especial textura microprismática multi-estrato.



Highly efficient multilayer diffuser that, thanks to its unique micro-prismatic texture, provides a glare free UGR<19 light beam.

Para una comprensión más rápida y una visión general de la gama, la estructura de la numeración de las partes de la familia In-Finity se ha creado para que coincida, una vez compuesto, con las peticiones específicas de cada instalación.

De acuerdo con la siguiente tabla, para cada campo, simplemente seleccione el número o la letra correspondiente a la versión In-Finity que necesite, y obtendrá el código final.

For a quicker understanding and easier overview of the range, the part number structure for the In-Finity family has been created to be composed to match the requests of each specific installation.

According to the following table, for each field, just choose the number or letter corresponding to the In-Finity version you need, and you'll have the final code.

		N	7	0	S	2	5	4	U	1	4	.	*	*
Sección / Section														
35 mm	35													
70 mm	70													
100 mm	10													
Instalación / Installation *														
Recessed Trim	T													
Recessed No Trim	N													
Surface	S													
Suspension Down	D													
Suspension Up&Down	U													
Longitud / Length														
565 mm	05													
845 mm	08													
1125 mm	11													
1405 mm	14													
1690 mm	16													
1970 mm	19													
2530 mm	25													
3095 mm	30													
Esquina Plana / Flat Corner	FC													
Esquina Diédrica / Dihedral Corner	DC													
Emergencia / Emergency	EM													
Temperatura de Color / Color T^a (°K)														
3000K	3													
4000K	4													
Óptica / Optic														
General Lighting (Opal)	G													
Micro-Prismatic Diffuser	U													
Colores / Colours														
Blanco / White	30													
Gris Anodizado / Anodized Grey	02													
Negro / Black	14													
Versión / Version														
Standard (Non Dimmable)	**													
Dali	.DA													

* La versión Recessed No Trim solo está disponible en acabado blanco (30). / No Trim Recessed version is only available in white finish (30).

* En las versiones Suspension solo está disponible la esquina plana. / In Suspension versions only available flat corner.

* En la versión Suspension Up&Down solo están disponibles los perfiles lineales de 1125 mm, 1405 mm, 1970 mm y 3095 mm. / Suspension Up&Down version only available with linear profile: 1125 mm, 1405 mm, 1970 mm and 3095 mm.

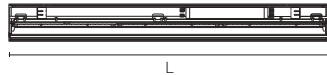
IN - FINITY

IN - FINITY SURFACE 35 mm



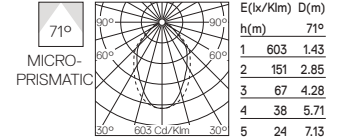
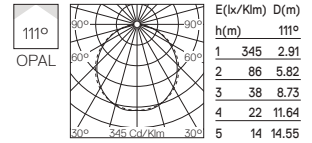
TOP LED
24W/m
124 lm/W
3000K/CRI 80

24W/m
133 lm/W
4000K/CRI 80

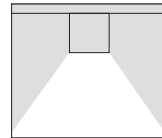


Sistema modular de iluminación LED para superficie, compuesto de módulos LED, perfil de aluminio y difusor. Drivers incluidos en los módulos de iluminación para conexión directa a red 220-240V o a otros módulos del sistema.

LED modular system for surface installation, including LED luminaires, aluminum installation profile, and diffusers. Drivers included in lighting modules for 220-240V connection to mains or to other lighting modules.



180.0 — 0.0
270.0 90.0



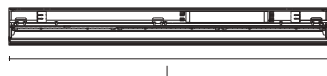
LED INCL.
NOT REPLACEABLE

IN - FINITY SURFACE 70 mm



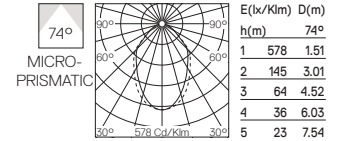
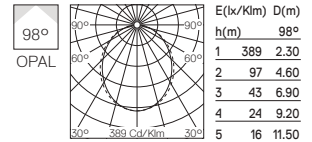
TOP LED
29,3W/m
120 lm/W
3000K/CRI 80

29,3W/m
129 lm/W
4000K/CRI 80

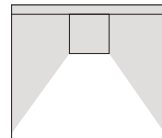


Sistema modular de iluminación LED para superficie, compuesto de módulos LED, perfil de aluminio y difusor. Drivers incluidos en los módulos de iluminación para conexión directa a red 220-240V o a otros módulos del sistema.

LED modular system for surface installation, including LED luminaires, aluminum installation profile, and diffusers. Drivers included in lighting modules for 220-240V connection to mains or to other lighting modules.



180.0 — 0.0
270.0 90.0



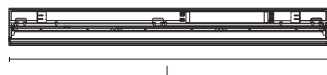
LED INCL.
NOT REPLACEABLE

IN - FINITY SURFACE 100 mm



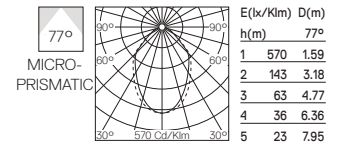
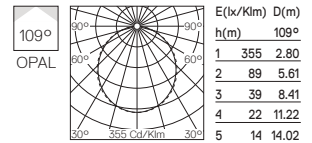
TOP LED
36,6W/m
116,5 lm/W
3000K/CRI 80

36,6W/m
124 lm/W
4000K/CRI 80

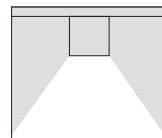


Sistema modular de iluminación LED para superficie, compuesto de módulos LED, perfil de aluminio y difusor. Drivers incluidos en los módulos de iluminación para conexión directa a red 220-240V o a otros módulos del sistema.

LED modular system for surface installation, including LED luminaires, aluminum installation profile, and diffusers. Drivers included in lighting modules for 220-240V connection to mains or to other lighting modules.



180.0 — 0.0
270.0 90.0



LED INCL.
NOT REPLACEABLE

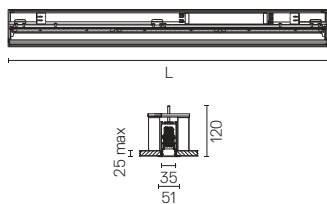
IN-FINITY

IN-FINITY RECESSED TRIM 35 mm

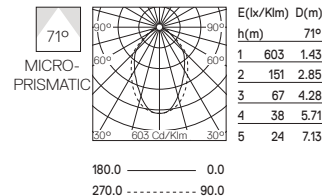
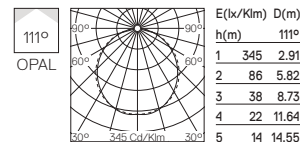


TOP LED
24W/m
124 lm/W
3000K/CRI 80

24W/m
133 lm/W
4000K/CRI 80



Sistema modular de iluminación LED empotrado trim/no trim, compuesto de módulos LED, perfil de aluminio y difusor. Drivers incluidos en los módulos de iluminación para conexión directa a red 220-240V o a otros módulos del sistema.



IN-FINITY RECESSED NO TRIM 35 mm



LED INCL.
NOT REPLACEABLE

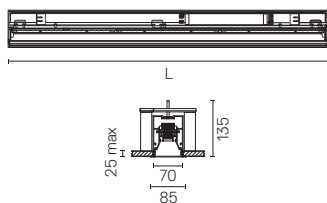
DALI

IN-FINITY RECESSED TRIM 70 mm

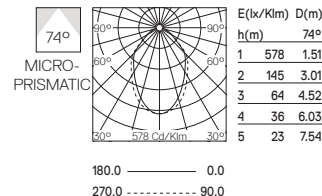
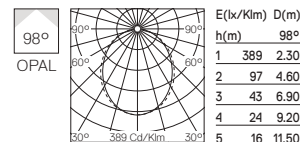


TOP LED
29,3W/m
120 lm/W
3000K/CRI 80

29,3W/m
129 lm/W
4000K/CRI 80



Sistema modular de iluminación LED empotrado trim/no trim, compuesto de módulos LED, perfil de aluminio y difusor. Drivers incluidos en los módulos de iluminación para conexión directa a red 220-240V o a otros módulos del sistema.



IN-FINITY RECESSED NO TRIM 70 mm



LED INCL.
NOT REPLACEABLE

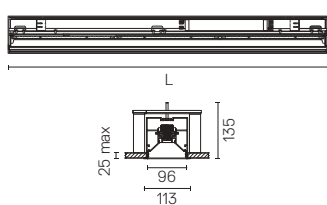
DALI

IN-FINITY RECESSED TRIM 100 mm

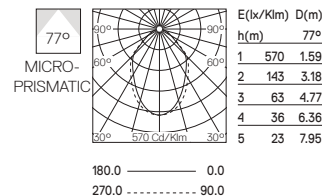
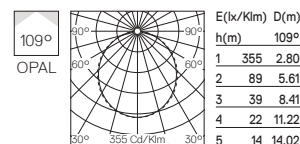


TOP LED
36,6W/m
116,5 lm/W
3000K/CRI 80

36,6W/m
124 lm/W
4000K/CRI 80



Sistema modular de iluminación LED empotrado trim/no trim, compuesto de módulos LED, perfil de aluminio y difusor. Drivers incluidos en los módulos de iluminación para conexión directa a red 220-240V o a otros módulos del sistema.



IN-FINITY RECESSED NO TRIM 100 mm



LED INCL.
NOT REPLACEABLE

DALI

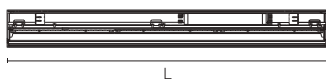
IN-FINITY

IN-FINITY SUSPENSION DOWN 35 mm



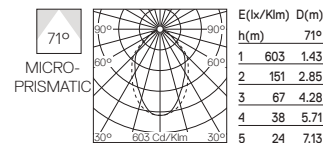
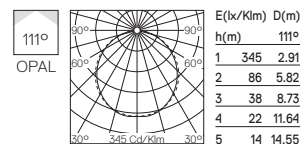
TOP LED
24W/m
124 lm/W
3000K/CRI 80

24W/m
133 lm/W
4000K/CRI 80

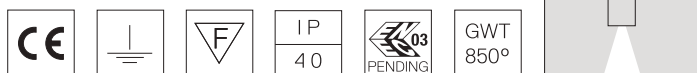


Sistema modular de iluminación LED suspendido, compuesto de módulos LED, perfil de aluminio y difusor. Drivers incluidos en los módulos de iluminación para conexión directa a red 220-240V o a otros módulos del sistema. Kit de suspensión no incluido.

LED modular system for suspended installation, including LED luminaires, aluminum installation profile, and diffusers. Drivers included in lighting modules for 220-240V connection to mains or to other lighting modules. Suspension kit not included.



180.0 — 0.0
270.0 90.0



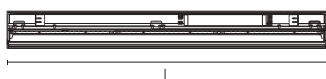
LED INCL.
NOT REPLACEABLE

IN-FINITY SUSPENSION DOWN 70 mm



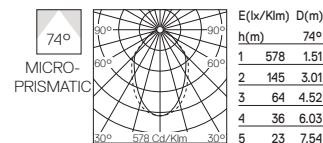
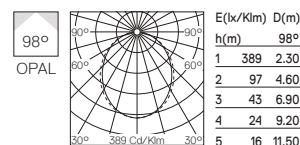
TOP LED
29,3W/m
120 lm/W
3000K/CRI 80

29,3W/m
129 lm/W
4000K/CRI 80

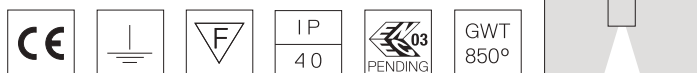


Sistema modular de iluminación LED suspendido, compuesto de módulos LED, perfil de aluminio y difusor. Drivers incluidos en los módulos de iluminación para conexión directa a red 220-240V o a otros módulos del sistema. Kit de suspensión no incluido.

LED modular system for suspended installation, including LED luminaires, aluminum installation profile, and diffusers. Drivers included in lighting modules for 220-240V connection to mains or to other lighting modules. Suspension kit not included.



180.0 — 0.0
270.0 90.0



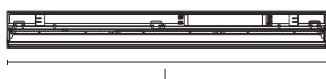
LED INCL.
NOT REPLACEABLE

IN-FINITY SUSPENSION DOWN 100 mm



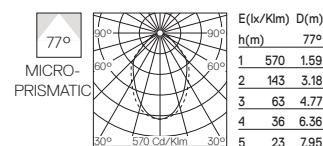
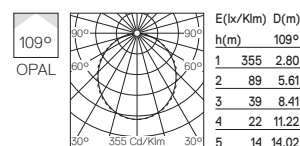
TOP LED
36,6W/m
116,5 lm/W
3000K/CRI 80

36,6W/m
124 lm/W
4000K/CRI 80



Sistema modular de iluminación LED suspendido, compuesto de módulos LED, perfil de aluminio y difusor. Drivers incluidos en los módulos de iluminación para conexión directa a red 220-240V o a otros módulos del sistema. Kit de suspensión no incluido.

LED modular system for suspended installation, including LED luminaires, aluminum installation profile, and diffusers. Drivers included in lighting modules for 220-240V connection to mains or to other lighting modules. Suspension kit not included.



180.0 — 0.0
270.0 90.0



LED INCL.
NOT REPLACEABLE

IN-FINITY

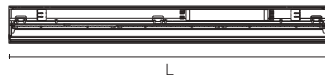
IN-FINITY SUSPENSION UP&DOWN 35 mm



TOP LED

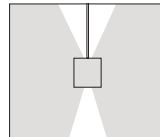
36,8W/m
1536 lm/m UP
3109 lm/m DOWN
3000K/CRI 80

36,8W/m
1680 lm/m UP
3335 lm/m DOWN
4000K/CRI 80



Sistema modular de iluminación LED suspendido, compuesto de módulos LED, perfil de aluminio y difusor. Drivers incluidos en los módulos de iluminación para conexión directa a red 220-240V o a otros módulos del sistema. Kit de suspensión no incluido.

LED modular system for suspended installation, including LED luminaires, aluminum installation profile, and diffusers. Drivers included in lighting modules for 220-240V connection to mains or to other lighting modules. Suspension kit not included.



LED INCL.
NOT REPLACEABLE

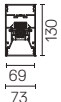
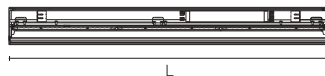
IN-FINITY SUSPENSION UP&DOWN 70 mm



TOP LED

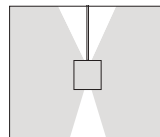
42,1W/m
1536 lm/m UP
3518 lm/m DOWN
3000K/CRI 80

42,1W/m
1680 lm/m UP
3782 lm/m DOWN
4000K/CRI 80



Sistema modular de iluminación LED suspendido, compuesto de módulos LED, perfil de aluminio y difusor. Drivers incluidos en los módulos de iluminación para conexión directa a red 220-240V o a otros módulos del sistema. Kit de suspensión no incluido.

LED modular system for suspended installation, including LED luminaires, aluminum installation profile, and diffusers. Drivers included in lighting modules for 220-240V connection to mains or to other lighting modules. Suspension kit not included.



LED INCL.
NOT REPLACEABLE

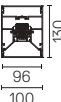
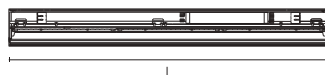
IN-FINITY SUSPENSION UP&DOWN 100 mm



TOP LED

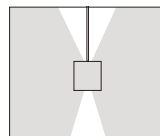
49,4W/m
1536 lm/m UP
3982 lm/m DOWN
3000K/CRI 80

49,4W/m
1680 lm/m UP
4238 lm/m DOWN
4000K/CRI 80



Sistema modular de iluminación LED suspendido, compuesto de módulos LED, perfil de aluminio y difusor. Drivers incluidos en los módulos de iluminación para conexión directa a red 220-240V o a otros módulos del sistema. Kit de suspensión no incluido.

LED modular system for suspended installation, including LED luminaires, aluminum installation profile, and diffusers. Drivers included in lighting modules for 220-240V connection to mains or to other lighting modules. Suspension kit not included.



LED INCL.
NOT REPLACEABLE

IN - FINITY

ACCESORIOS / ACCESSORIES

Tapa metálica para los diferentes perfiles.
Kit de 2 unidades.

Metal cover for the different profiles.
2 unit kit.



Recessed Trim

- 35 mm
- 08.9051.40
 - 08.9051.02
 - 08.9051.NS

- 70 mm
- 08.9053.40
 - 08.9053.02
 - 08.9053.NS

- 100 mm
- 08.9055.40
 - 08.9055.02
 - 08.9055.NS

Recessed No Trim */

Surface / Suspension Down

- 35 mm
- 08.9050.40
 - 08.9050.02
 - 08.9050.NS
 - 08.9050.06

- 70 mm
- 08.9052.40
 - 08.9052.02
 - 08.9052.NS
 - 08.9052.06

- 100 mm
- 08.9054.40
 - 08.9054.02
 - 08.9054.NS
 - 08.9054.06

Suspension Up&Down

- 35 mm
- 08.9056.40
 - 08.9056.02
 - 08.9056.NS
 - 08.9056.06

- 70 mm
- 08.9057.40
 - 08.9057.02
 - 08.9057.NS
 - 08.9057.06

- 100 mm
- 08.9058.40
 - 08.9058.02
 - 08.9058.NS
 - 08.9058.06

* La versión Recessed No Trim solo está disponible en acabado blanco (40). / No Trim Recessed version is only available in white finish (40).

IN - FINITY

ACCESORIOS / ACCESSORIES

Kit de suspensión de una pieza (L = 4 m). La distancia máxima entre los cables de suspensión es de 2 m.



08.0030

One unit suspension kit (L = 4 m). Maximum distance between the suspension cables: 2 m.

Rosetón de alimentación para la instalación suspendida del In-Finity. La versión estándar se suministra con cable de tres polos para encendido simple. La versión Dali se suministra con cable de cinco polos que puede ser utilizado para el encendido doble independiente de la luz directa e indirecta en la versión Up&Down estándar. Incluye cable de suspensión de 4m.

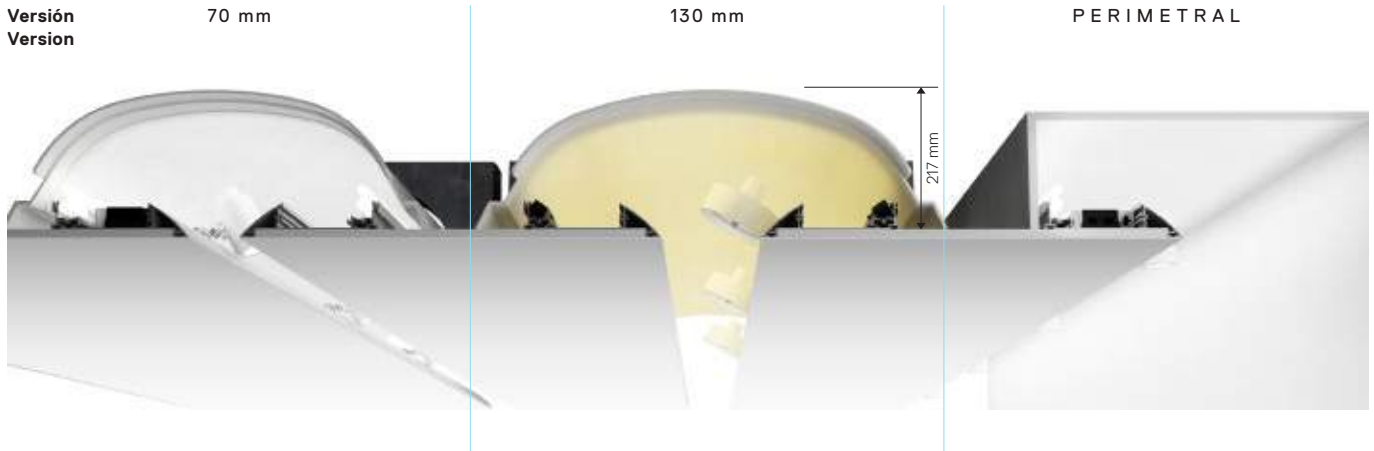


08.0031.00
Dali Version
08.0031.00.DA

Power supply rose for the hanging installation of the In-finity. The standard version comes with a three-pole cable for basic switching. The Dali version comes with a five-pole cable that can be used for double switching, independent from the direct and indirect lighting in the standard Up&Down version. Includes a 4 m suspension cable.

LIGHT CUT

DESIGNED BY FLOS ARCHITECTURAL



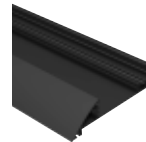
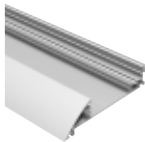
Fuentes de Luz Light Sources

POWER LED	LED ARRAY	PHOSPHOR LED	QR-CBC 51	HI PAR 51	QR-111	CDM-R111
10W	14,4W	18,2W	GX5.3	GX10	G53	GX8.5
1100 lm	1780 lm	1400 lm	MAX 50W	20/35W	MAX 100W	35/70W
3000K	3000K/CRI 80	3000K/CRI 98	- OR -		- OR -	
CRI 80			LED QR-CBC 51		LED QR-111	
	14,4W	19,2W	7/10W			
	1440 lm	1870 lm				
	3000K/CRI 90	3000K/CRI 80				

Colores Colours

□ 30 Blanco Mate
30 Matt White

■ 14 Negro Mate
14 Matt Black



Descripción

Sistema de iluminación que se compone de un perfil de extrusión que se integra perfectamente en techos realizados en cartón yeso. Está preparado para integrar de una forma sencilla iluminación con proyectores LED, halógenos o de halogenuro metálico para luz de acento con iluminación ambiental en fluorescencia o LED.

Los proyectores están preparados para ser instalados directamente sobre el perfil, con regletas de conexión rápidas para una fácil conexión entre ellos. Además están disponibles en dos tamaños en función de la instalación. Dispone de accesorios para optimizar el confort visual y filtros de color.

Con este sistema es posible realizar canales perimetrales o instalación central con canales dobles con dos anchos de apertura: 70 mm y 130 mm. La luz ambiental se puede conseguir mediante fuente de luz fluorescente lineal T5. Estos módulos lineales T5 disponen de un sistema overlapping para evitar sombras y obtener un efecto de luz uniforme.

Para obtener efectos de luz más innovadores se pueden utilizar LEDs en blanco cálido o RGB para la luz ambiente. Los módulos LED se anclan directamente al perfil y son interconectables entre sí de forma que se pueden conseguir tiras continuas que ofrecen una luz uniforme. Estos LEDs pueden ser regulados mediante sistema radio frecuencia, 1-10V, Dali o DMX.

Disponible en los acabados: blanco mate (30), y negro mate (14).

Fuentes de Luz

Proyectores:

- Power LED, 10W.
- LED Array, 14,4W.
- Phosphor LED, 18,2/19,2W.

Halógenos:

- QR-CBC 51, max 50W. (Es posible hacer un retrofit con lámparas LED convencionales).
- QR-111, max 100W. (Es posible hacer un retrofit con lámparas LED convencionales).

* Retrofit recomendado solo con lámparas de FLOS.

Halogenuro Metálico:

- HI PAR 51, 20/35W.
- CDM-R111, 35/70W.

Retroiluminación Fluorescente:

- T5 seamless, 24/39/54W.
- T5 FQ, 39/54/80W.

Retroiluminación LED:

Módulos LED 24V conectables entre sí, RGB o Blanco Cálido 3000K.

Información Adicional

Únicamente instalable en superficies de cartón-yeso de 12,5mm de espesor.

Índice de protección IP20.

Instalable sobre superficies normalmente inflamables.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Lighting system comprising an extruded profile which integrates perfectly in plasterboard ceilings. It is prepared for the simple integration of lighting with LED projectors, halogens or metal halides, accent light with ambient lighting in fluorescence or LED.

The projectors are prepared for installation directly on the profile, with quick connection strips for easy connection between them. Furthermore, they are available in two sizes depending on the installation. It has accessories for visual comfort optimization and colour filters.

Perimeter channels or central installation can be made with this system using double channels with two opening widths: 70 mm and 130 mm. Ambient light can be achieved with a T5 linear fluorescent light source. These T5 linear modules have an overlapping system to prevent shadows and achieve a uniform light effect.

To achieve more innovative light effects you can use LEDs in warm white or RGB for ambient light. The LED modules are anchored directly to the profile and are interconnectable so continuous strips can be achieved offering a uniform light. These LEDs can be regulated via a radio frequency system, 1-10V, Dali or DMX.

Available finishes: matt white (30) and matt black (14).

Light Sources

Projectors:

- Power LED, 10W.
- LED Array, 14,4W.
- Phosphor LED, 18,2/19,2W.

Halogens:

- QR-CBC 51, max 50W. (Retrofit possible with conventional LED lamps).
- QR-111, max 100W. (Retrofit possible with conventional LED lamps).

* Retrofit recommended only with FLOS lamps.

Metal Halide:

- HI PAR 51, 20/35W.
- CDM-R111, 35/70W.

Fluorescent Background Lighting:

- T5 seamless, 24/39/54W.
- T5 FQ, 39/54/80W.

LED Background Lighting:

24V LED modules interconnectable, RGB or Warm White 3000K.

Additional Information

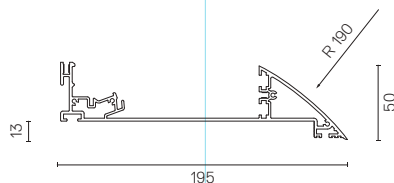
Can only be installed in 12.5mm thick plaster-board.

IP20 protection grade.

Suitable for installation on normally inflammable surfaces.

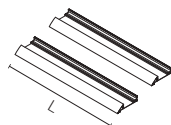
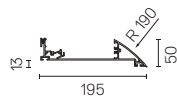
Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.



Instalación Canal 70
Channel 70 Installation

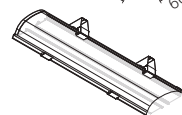
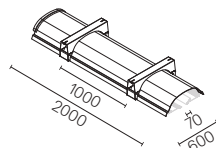
Perfil de Aluminio
 Aluminium Profile



L: 2 m

Kit de 2 Unidades
 2 Unit Kit

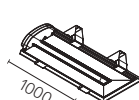
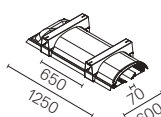
Bóveda de Composite
 Composite Housing



L: 2 m

Kit de 1, 3 ó 9 Unidades
 1, 3 or 9 Unit Kit

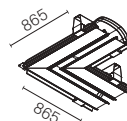
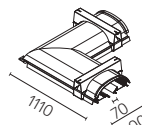
Terminal
 Endcap



Perfiles de Aluminio Incluidos
 Aluminium Profiles Included

Kit de 1 Unidad
 1 Unit Kit

Esquina
 Corner



Perfiles de Aluminio Incluidos
 Aluminium Profiles Included

Kit de 1 Unidad
 1 Unit Kit

Aluminium Profile
 2 Unit Kit / 2000 mm
 08.8550.30
 08.8550.14

Composite Housing
 1 Unit Kit / 2000 mm
 SA.2517.1

3 Unit Kit / 2000 mm
 SA.2510.1

9 Unit Kit / 2000 mm
 SA.2511.1

Endcap + Alum Profile
 SA.2513.3.120
 SA.2513.3.130

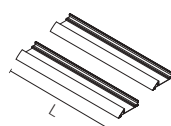
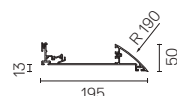
Corner + Alum Profile
 SA.2512.3.120
 SA.2512.3.130

Sistema estructural realizado en aluminio para integrar en techos realizados en cartón yeso. Permite incorporar proyectores y luz ambiental LED o T5. Para la instalación en canal se compone de perfiles de 2 metros, esquinas y terminales. Además es posible incorporar bóvedas realizadas en Soft-composite que encajan en los perfiles para obtener un efecto cove-lighting.

Structural system in aluminium to integrate in plasterboard ceilings. It allows incorporation of projectors and LED ambient or T5 lights. For the channel installation it is made up of 2 meters profiles, corners and terminals. It is also possible to incorporate arches made in Soft-composite that fit into the profiles to obtain a cove-lighting effect.

Instalación Canal 130
Channel 130 Installation

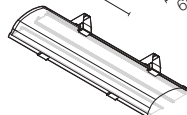
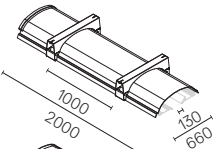
Perfil de Aluminio
 Aluminium Profile



L: 2 m

Kit de 2 Unidades
 2 Unit Kit

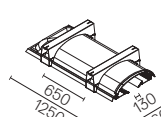
Bóveda de Composite
 Composite Housing



L: 2 m

Kit de 1, 3 ó 9 Unidades
 1, 3 or 9 Unit Kit

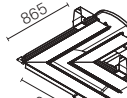
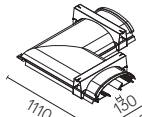
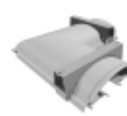
Terminal
 Endcap



Perfiles de Aluminio Incluidos
 Aluminium Profiles Included

Kit de 1 Unidad
 1 Unit Kit

Esquina
 Corner



Perfiles de Aluminio Incluidos
 Aluminium Profiles Included

Kit de 1 Unidad
 1 Unit Kit

Aluminium Profile
 2 Unit Kit / 2000 mm
 08.8550.30
 08.8550.14

Composite Housing
 1 Unit Kit / 2000 mm
 SA.2518.1

3 Unit Kit / 2000 mm
 SA.2514.1

9 Unit Kit / 2000 mm
 SA.2500.1

Endcap + Alum Profile
 SA.2516.3.120
 SA.2516.3.130

Corner + Alum Profile
 SA.2515.3.120
 SA.2515.3.130

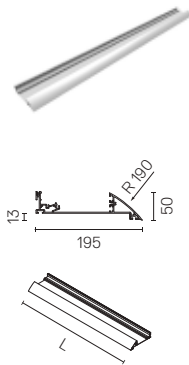
Sistema estructural realizado en aluminio para integrar en techos realizados en cartón yeso. Permite incorporar proyectores y luz ambiental LED o T5. Para la instalación en canal se compone de perfiles de 2 metros, esquinas y terminales. Además es posible incorporar bóvedas realizadas en Soft-composite que encajan en los perfiles para obtener un efecto cove-lighting.

Structural system in aluminium to integrate in plasterboard ceilings. It allows incorporation of projectors and LED ambient or T5 lights. For the channel installation it is made up of 2 meters profiles, corners and terminals. It is also possible to incorporate arches made in Soft-composite that fit into the profiles to obtain a cove-lighting effect.

LIGHT CUT — PROFILES

Instalación Perimetral
Perimetral Installation

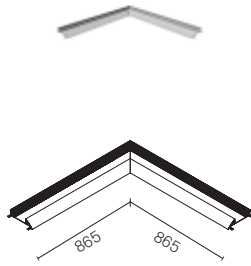
Perfil de Aluminio
Aluminium Profile



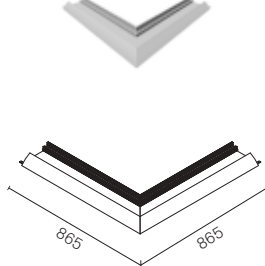
L: 1 m / 2 m

Kit de 1 Unidad
1 Unit Kit

Esquina Interior
Inner Corner



Esquina Exterior
Outer Corner



Anclaje a Techo
Ceiling Anchorage



Kit de 4 Piezas
4 Piece Kit

Aluminium Profile	
1 Unit Kit / 1000 mm	
<input type="checkbox"/>	08.8374.30
<input checked="" type="checkbox"/>	08.8374.14
1 Unit Kit / 2000 mm	
<input type="checkbox"/>	08.8372.30
<input checked="" type="checkbox"/>	08.8372.14
Inner Corner	
<input type="checkbox"/>	08.8376.30
<input checked="" type="checkbox"/>	08.8376.14
Outer Corner	
<input type="checkbox"/>	08.8378.30
<input checked="" type="checkbox"/>	08.8378.14
Ceiling Anchorage	
<input checked="" type="checkbox"/>	08.8426.00

Sistema estructural realizado en aluminio para integrar en techos realizados en cartón yeso. Permite incorporar proyectores y luz ambiental LED o T5. Para la instalación perimetral se compone de perfiles de 1 ó 2 metros, esquinas interiores y exteriores y un accesorio (opcional) de anclaje que facilita la instalación (recomendado 1 por cada 500 mm).

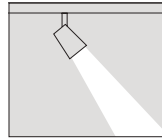
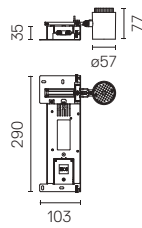
Structural system in aluminium to integrate in plasterboard ceilings. It allows incorporation of projectors and LED ambient or T5 lights. Perimeter installation consists of 1 or 2 meters profiles, inside and outside corners, and anchorage accessory (optional) facilitating installation (1 per 500 mm recommended).

LIGHT CUT — SPOTS

SPOT MODULE POWER LED

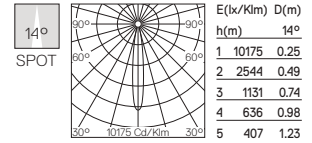


POWER LED
10W
1100 lm
3000K
CRI 80



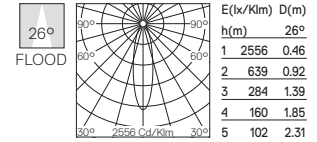
Proyector para ser instalado en el sistema Light Cut. Fuente de alimentación de corriente constante no regulable 220/240V – 50/60Hz integrada.

09.0250.30A
09.0250.14A



Spotlight to be installed on Light Cut system. Integrated constant current power supply not dimmable 220/240V – 50/60Hz.

09.0251.30A
09.0251.14A



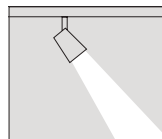
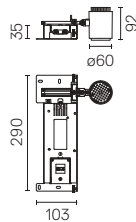
180° 350° CE IP 2.0 0,95 Kg PENDING GWT 850°

LED INCL. NOT REPLACEABLE

SPOT MODULE LED ARRAY

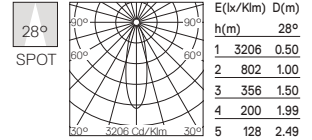


LED ARRAY
14,4W
1780 lm
3000K/CRI 80
14,4W
1440 lm
3000K/CRI 90



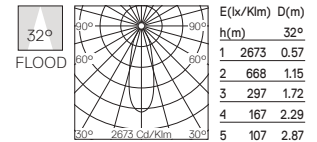
Proyector para ser instalado en el sistema Light Cut. Fuente de alimentación de corriente constante no regulable 220/240V – 50/60Hz integrada.

CRI 80
09.0091.30A
09.0091.14A



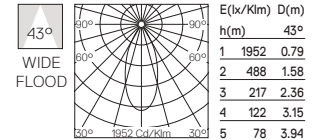
Spotlight to be installed on Light Cut system. Integrated constant current power supply not dimmable 220/240V – 50/60Hz.

CRI 80
09.0092.30A
09.0092.14A



CRI 90
09.0098.30A
09.0098.14A

CRI 80
09.0093.30A
09.0093.14A



CRI 90
09.0099.30A
09.0099.14A

180° 350° CE IP 2.0 0,95 Kg GWT 850°

LED INCL. NOT REPLACEABLE



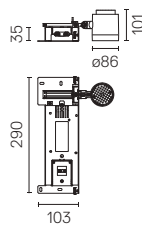
LIGHT CUT — SPOTS

SPOT MODULE PHOSPHOR LED



PHOSPHOR LED
 18,2W
 1400 lm
 3000K/CRI 98

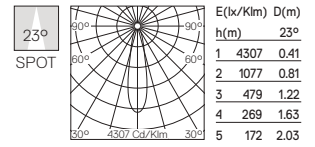
19,2W
 1870 lm
 3000K/CRI 80



Proyector para ser instalado en el sistema Light Cut. Fuente de alimentación de corriente constante no regulable 220/240V – 50/60Hz integrada.

CRI 80
 09.0235.30
 09.0235.14

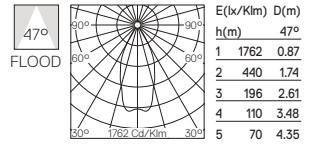
CRI 98
 09.0248.30
 09.0248.14



Spotlight to be installed on Light Cut system. Integrated constant current power supply not dimmable 220/240V – 50/60Hz.

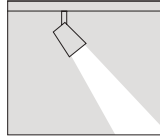
CRI 80
 09.0236.30
 09.0236.14

CRI 98
 09.0249.30
 09.0249.14



Solo para instalación en Canal 130.

Only for Channel 130 installation.



180° 350° CE IP 20 1,20 Kg PENDING GWT 850°

LED INCL. NOT REPLACEABLE

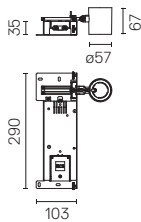
SPOT MODULE QR-CBC 51



QR-CBC 51
 GX5.3
 MAX 50W

– OR –

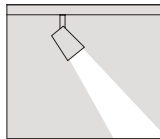
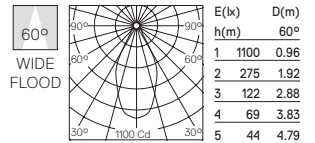
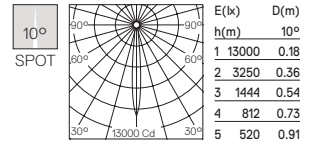
LED
QR-CBC 51
 GX5.3
 7/10W



Proyector para ser instalado en el sistema Light Cut. Transformador electrónico 220/240V – 12V, 50/60Hz integrado.

09.0080.30
 09.0080.14

Spotlight to be installed on Light Cut system. Integrated electronic transformer 220/240V – 12V, 50/60Hz.



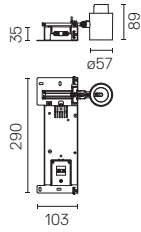
180° 350° CE IP 20 0,95 Kg GWT 850° A+ → E

LIGHT CUT — SPOTS

SPOT MODULE HI PAR 51



HI PAR 51
GX10
20/35W

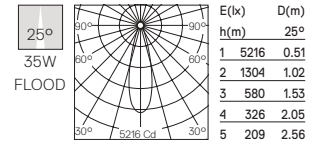
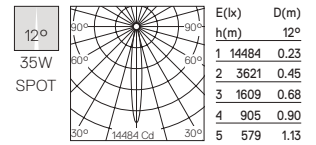
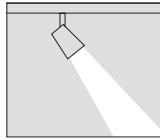


Proyector para ser instalado en el sistema Light Cut. Balasto electrónico 220/240V – 50/60Hz integrado.

20W
 09.0081.30
 09.0081.14

35W
 09.0084.30
 09.0084.14

Spotlight to be installed on Light Cut system. Integrated electronic control gear 220/240V – 50/60Hz.



180°
 350°

 IP 2.0
 0,95 Kg
 03
 GWT 850°
 A

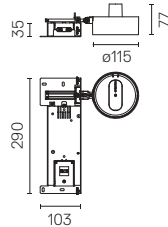
SPOT MODULE QR-111



QR-111
G53
MAX 100W

- OR -

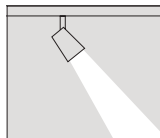
LED QR-111



Proyector para ser instalado en el sistema Light Cut. Transformador electrónico 220/240V – 12V, 50/60Hz integrado.

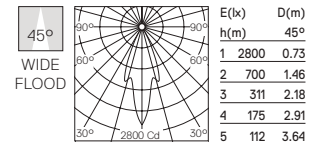
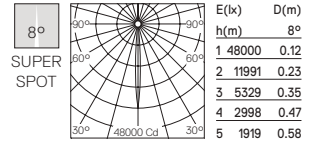
09.0082.30
 09.0082.14

Spotlight to be installed on Light Cut system. Integrated electronic transformer 220/240V – 12V, 50/60Hz.



Solo para instalación Perimetral o en Canal 130.

Only for Perimetral or Channel 130 installation.



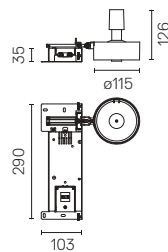
180°
 350°

 IP 2.0
 1,05 Kg
 GWT 850°
 A
 C → E

SPOT MODULE CDM-R111



CDM-R111
GX8.5
35/70W

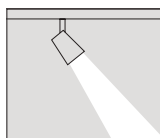


Proyector para ser instalado en el sistema Light Cut. Balasto electrónico 220/240V – 50/60Hz integrado.

35W
 09.0083.30
 09.0083.14

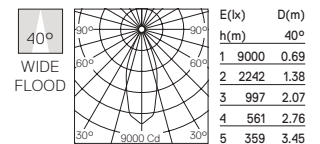
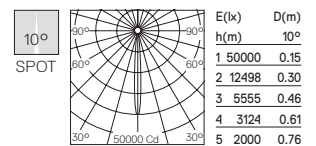
70W
 09.0085.30
 09.0085.14

Spotlight to be installed on Light Cut system. Integrated electronic control gear 220/240V – 50/60Hz.



Solo para instalación Perimetral o en Canal 130.

Only for Perimetral or Channel 130 installation.



180°
 350°

 IP 2.0
 1,05 Kg
 GWT 850°
 B

LIGHT CUT — SPOTS

ACCESORIOS / ACCESSORIES

Accesorios para módulos spot Power LED / QR-CBC 51 / HI PAR 51. Accessories for Power LED / QR-CBC 51 / HI PAR 51 spot modules.

Accesorio de apantallamiento.
Screening cylinder.



08.8380.30
08.8380.14

Portafiltros realizado en aluminio
inyectado.



08.8363.30
08.8363.14

Filter-holder made from injected
aluminium.

Rejilla anti-deslumbramiento
realizada con celdas de aluminio
tipo "Honeycomb".



08.8182.14

"Honeycomb" anti-glare grid made
of aluminium cells.

FILTRO AZUL
BLUE FILTER



08.8230.64.OD

FILTRO CELESTE
SKY BLUE FILTER



08.8230.65.OD

FILTRO ÁMBAR
AMBER FILTER



08.8230.66.OD

FILTRO ROJO
RED FILTER



08.8230.67.OD

FILTRO anti U.V.
U.V. FILTER



08.8230.98.OD

HOT LIGHT
HOT LIGHT



08.8230.69

COLD LIGHT
COLD LIGHT



08.8230.CL

DAYLIGHT
DAYLIGHT



08.8230.DL

NEODIMIUM
NEODIMIUM



08.8230.ND

Accesorios para módulos spot LED Array. Accessories for LED Array spot modules.

Elemento apantallador tipo "nido
de abeja", realizado en aluminio y
acabado en negro.



08.8502.14

"Honeycomb" anti-glare screen:
in thin, black-painted aluminium
sheets.

FILTRO AZUL
BLUE FILTER



08.8501.64.OD

FILTRO CELESTE
SKY BLUE FILTER



08.8501.65.OD

FILTRO ÁMBAR
AMBER FILTER



08.8501.66.OD

FILTRO ROJO
RED FILTER



08.8501.67.OD

HOT LIGHT
HOT LIGHT



08.8501.69

COLD LIGHT
COLD LIGHT



08.8501.CL

DAYLIGHT
DAYLIGHT



08.8501.DL

NEODIMIUM
NEODIMIUM



08.8501.ND

LIGHT CUT — SPOTS

ACCESORIOS / ACCESSORIES

Accesorios para módulos spot QR-111 / CDM-R111.

Accessories for QR-111 / CDM-R111 spot modules.

Portafiltros realizado en aluminio
inyectado.



08.8364.30
08.8364.14

Filter-holder made from injected
aluminium.

Cristal templado de 4 mm de
espesor para la distribución
elíptica del flujo luminoso.



08.8020.68

Elliptical light distribution lens
in 4 mm thick tempered glass.

Lente Flood realizada en cristal
prensado.



08.8178.68

Flood lens made in press glass.

Elemento apantallador tipo "nido
de abeja", realizado en aluminio y
acabado en negro.



08.8365.14

"Honeycomb" anti-glare screen:
in thin, black-painted aluminium
sheets.

FILTRO AZUL
BLUE FILTER



08.8019.64.OD

FILTRO CELESTE
SKY BLUE FILTER



08.8019.65.OD

FILTRO ÁMBAR
AMBER FILTER



08.8019.66.OD

FILTRO ROJO
RED FILTER



08.8019.67.OD

FILTRO anti U.V.
U.V. FILTER



08.8019.98.OD

FILTRO anti I.R.
I.R. FILTER



08.8023.68

HOT LIGHT
HOT LIGHT



08.8019.69

COLD LIGHT
COLD LIGHT



08.8019.CL

DAYLIGHT
DAYLIGHT



08.8019.DL

NEODIMIUM
NEODIMIUM



08.8019.ND

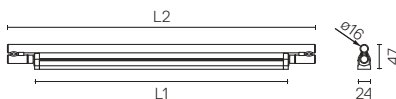
LIGHT CUT — INDIRECT LIGHT

MÓDULO LED BLANCO-RGB / LED WHITE-RGB MODULE

LINEAR MODULE T5 SINGLE



T5 SEAMLESS
G5
1x24W
1x39W
1x54W



W	L1 (mm)	L2 (mm)
24	481	580
39	781	880
54	1081	1180

Non Dimmable
1x24W 08.8461.00
1x39W 08.8462.00
1x54W 08.8463.00

Feed Cable 2 m
08.8467.00

Connection Cable 0,5m
08.8468.00

Connection Cable 1,5m
08.8469.00

A* → A

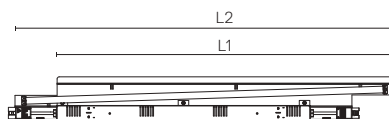
Módulo lineal T5 Seamless para ser instalado en sistema Light Cut para una iluminación óptima sin zonas oscuras. Los módulos están disponibles para potencias de 24W, 39W y 54W no regulables. Lámparas no incluidas.

T5 seamless linear module to install in Light Cut system for optimum lighting without dark areas. The modules are available for non-regulatable 24W, 39W and 54W. Lamps not included.

LINEAR MODULE T5 SINGLE



T5 FQ
G5
1x39W
1x54W
1x80W



W	L1 (mm)	L2 (mm)
39	800	900
54	1100	1200
80	1400	1500

Non Dimmable
1x39W 08.8346.00
1x54W 08.8347.00
1x80W 08.8348.00

Dimmable 1-10V
1x39W 08.8349.00
1x54W 08.8350.00
1x80W 08.8351.00

Dimmable Dsi/Dali
1x39W 08.8352.00
1x54W 08.8353.00
1x80W 08.8354.00

A* → A

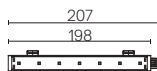
Módulo lineal T5 para ser instalado en sistema Light Cut para una iluminación óptima sin zonas oscuras. Los módulos están disponibles para potencias de 39W, 54W y 80W no regulables. Lámparas no incluidas. No permite la instalación de spot module en el mismo carril.

T5 linear module to install in Light Cut system for optimum lighting without dark areas. The modules are available for non-regulatable 39W, 54W and 80W. Lamps not included. Does not permit the installation of spot module on same track.

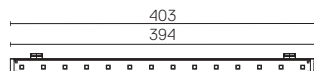
LINEAR MODULE LED WHITE



LED WHITE
3000K
CRI 85



LED White
3,5W



LED White
7W

LED White
3,5W - 228 lm 08.8512.00
7W - 456 lm 08.8513.00

LINEAR MODULE LED RGB



LED RGB

LED RGB
1,4W

LED RGB
2,8W

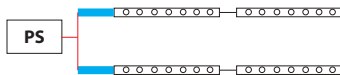
LED RGB
1,7W - 77 lm 08.8294.00A
3,5W - 154 lm 08.8296.00A

LED INCL.
NOT REPLACEABLE

Módulo LED blanco cálido y módulo LED RGB para una óptima iluminación indirecta. Conexiones Tyco macho/hembra para una fácil conexión eléctrica en ambos lados. Puede ser enganchado directamente al Perfil.

Warm white LED module and RGB LED module for optimal indirect illumination. Tyco connections male/female for easy electrical connection in both sides. Can be clipped directly to the Profile.

Non Dimmable



Cableado Wiring

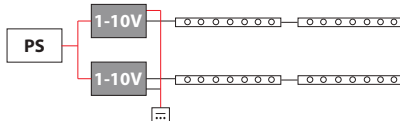
500 mm de cable de alimentación para módulos LED blancos con conexión rápida. Es necesario uno por cada línea LED (dos por cada Perfil). Máximo por cada cable de alimentación: 3 metros lineales LED. Unidad de alimentación electrónica no incluida.

500 mm feed cable for white LED modules with fast connection. Necessary one for each LED line (two for each Profile). Maximum for each feed cable: 3 LED line meters. Electronic power supply not included.

White

06.1016.00

Dimmable 1-10V



Interfaz Regulable Dimmable Interface

Interfaz de 1-10V con dos cables de alimentación de 500mm para módulos LED blancos con conexión rápida. Máximo por cada interfaz: 6 metros de LED. Unidad de alimentación electrónica no incluida.

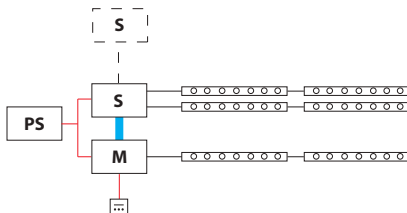
1-10V interface with two 500 mm feed cable for white LED modules with fast connection. Maximum for each interface: 6 LED meters. Electronic power supply not included.

White

06.1022.00

1-10V

Interfaces Regulables Dimmable Interfaces



Interfaz "Master" Dali con un distribuidor de 5 polos y dos cables de alimentación de 500 mm para una fácil conexión. Unidad de alimentación electrónica no incluida.

Dali Master interface with one 5 pole distributor and two 500 mm feed cable for easy connection. Electronic power supply not included.

White

06.1023.00

M

RGB

06.1025.00

M

Interfaz "Master" DMX con distribuidor de 5 polos y dos cables de alimentación de 500 mm para una fácil conexión. Unidad de alimentación electrónica no incluida.

DMX Master interface with 5 pole distributor and two 500 mm feed cable for easy connection. Electronic power supply not included.

06.1026.00

M

Interfaz "Master" RGB Radio Frecuencia (RF) con distribuidor de 5 polos y dos cables de alimentación de 500mm para una fácil conexión. Transmisor de pared integrado para crear cambios de color. Unidad de alimentación electrónica no incluida.

Radio Frequency (RF) RGB Master interface with 5 pole distributor and two 500 mm feed cable for easy connection. Wall transmitter to make color changing integrated. Electronic power supply not included.

06.1027.00

M

Interfaz "Slave" para ampliar la señal con dos distribuidores de 5 polos y cuatro cables de alimentación de 500 mm para una fácil conexión. Unidad de alimentación electrónica no incluida.

Slave interface to expand the signal with two 5 pole distributors and four 500 mm feed cable for easy connection. Electronic power supply not included.

06.1024.00

S

06.1028.00

S

2 metros de prolongación de cable para módulos LED con conexión rápida. Pueden conectarse entre sí para una mayor longitud. 20 metros máximo.

2 meters prolongation cable for LED modules with fast connection. Can be connected with each other to greater length. 20 meters max.

08.8297.00

08.8298.00











— El instalador lo suministra / Installer provides

Unidad de Alimentación Power Supply				
Instalación en Falso Techo Installation in False Ceiling	PS		Instalación Remota en Cuadro Eléctrico Remote Installation Electrical Panel	PS
Electrónica 20W / Electronic 20W Fuente de alimentación / Power supply LED. 20W – 24V. 100-240V, 50-60Hz.	60.8495		Electrónica 150W / Electronic 150W Fuente de alimentación / Power supply LED. 150W – 24V. 100-240V, 50-60Hz.	60.8220
Electrónica 60W / Electronic 60W Fuente de alimentación / Power supply LED. 60W – 24V. 100-240V, 50-60Hz.	60.8496		Electrónica 240W / Electronic 240W Fuente de alimentación / Power supply LED. 240W – 24V. 100-240V, 50-60Hz.	60.8268
Electrónica 100W / Electronic 100W Fuente de alimentación / Power supply LED. 100W – 24V. 100-240V, 50-60Hz.	60.8497		Electrónica 480W / Electronic 480W Fuente de alimentación / Power supply LED. 480W – 24V. 100-240V, 50-60Hz.	60.8452 ●
			Electrónica 750W / Electronic 750W Fuente de alimentación / Power supply LED. 750W – 24V. 100-240V, 50-60Hz.	60.8453 ●

**Tablas de Instalación
Installation Guidelines**

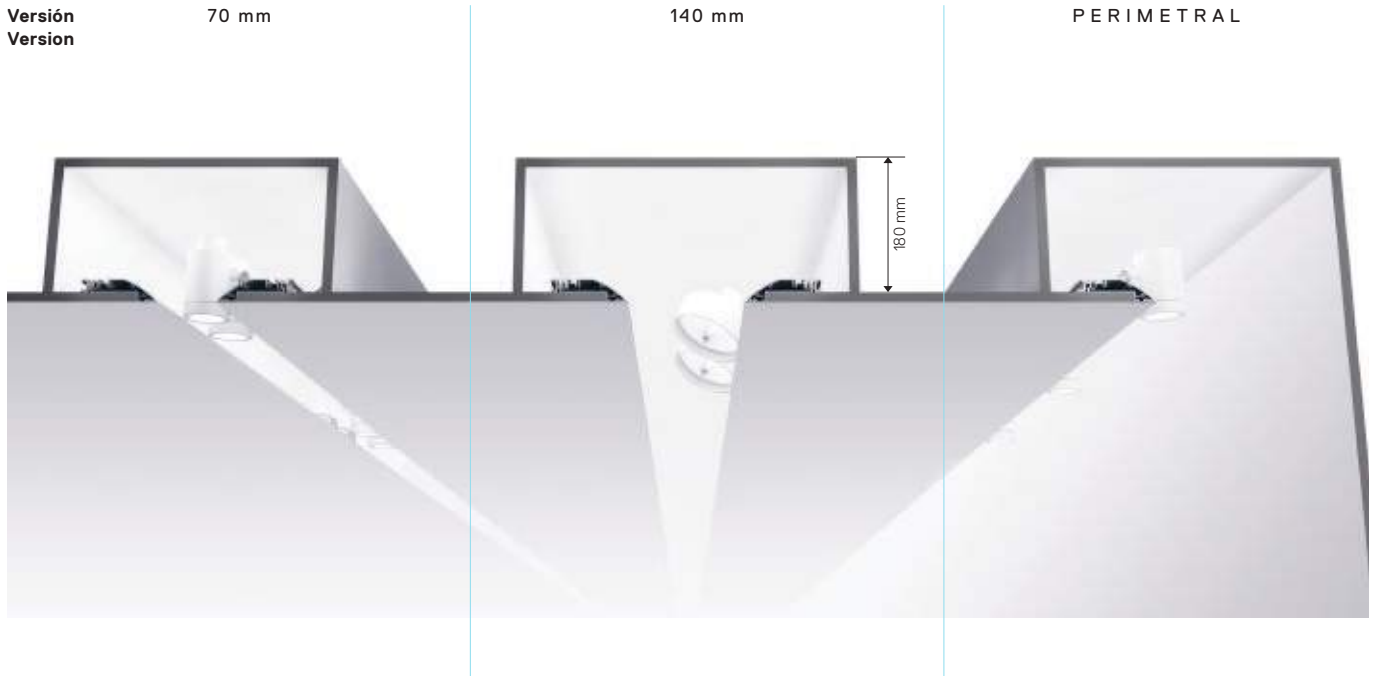
White

RGB








	20W	60W	100W	150W	240W	480W	750W		20W	60W	100W	150W	240W	480W	750W
Longitud máxima de LED Max lenght LED	1m	3,5m	5,5m	8m	13m	27m	42m	Longitud máxima de LED Max lenght LED	2m	8m	12m	20m	34m	68m	107m
Sección de cable (el instalador lo suministra) Cable section (installer provides)	0,5mm ²	0,5mm ²	0,75mm ²	0,75mm ²	1mm ²	2,5mm ²	6mm ²	Sección de cable (el instalador lo suministra) Cable section (installer provides)	0,5mm ²	0,5mm ²	0,75mm ²	0,75mm ²	1mm ²	2,5mm ²	6mm ²
Distancia máxima Max distance	5m	10m	15m	30m	50m	100m	250m	Distancia máxima Max distance	5m	10m	15m	30m	50m	100m	250m
															
Distancia máxima Max distance				20m				Distancia máxima Max distance				20m			
															
Distancia máxima Max distance				20m				Distancia máxima Max distance				20m			
															
Máxima longitud módulos LED conectados con Max lenght LED connected to				2m				Máxima longitud módulos LED conectados con Max lenght LED connected to				7m			
															
Máxima longitud módulos LED conectados con Max lenght LED connected to				4m				Máxima longitud módulos LED conectados con Max lenght LED connected to				14m			
															

LIGHT CUT MINI

DESIGNED BY FLOS ARCHITECTURAL



Fuentes de Luz
Light Sources

						
LED ARRAY	PHOSPHOR LED	POWER LED	QR-CBC 51	HI PAR 51	QR-111	CDM-R111
14,4W	17W	10W	GX5.3	GX10	G53	GX8.5
1780 lm	1400 lm	840 lm	MAX 50W	MAX 35W	MAX 100W	MAX 70W
3000K/CRI 80	3000K/CRI 98	3000K CRI 80	- OR -		- OR -	
			LED QR-CBC 51		LED QR-111	
14,4W	18W		7/10W			
1440 lm	1870 lm					
3000K/CRI 90	3000K/CRI 80					

Colores
Colours

30 Blanco Mate
30 Matt White

14 Negro Mate
14 Matt Black



LIGHT CUT MINI

Descripción

Sistema de iluminación que se compone de un perfil de extrusión que se integra perfectamente en techos realizados en cartón yeso. Está preparado para integrar de una forma sencilla iluminación con proyectores LED, halógenos o de halogenuro metálico para luz de acento.

Los proyectores están preparados para ser instalados directamente sobre el perfil, con equipos remotos de clase II. Además están disponibles en dos tamaños en función de la instalación. Dispone de accesorios para optimizar el confort visual y filtros de color.

Disponible en los acabados: blanco mate (30), y negro mate (14).

Fuentes de Luz

Proyectores:

- LED Array, 14,4W.
- Phosphor LED, 17/18W.
- Power LED, 10W.

Halógenos:

- QR-CBC 51, max 50W. (Es posible hacer un retrofit con lámparas LED convencionales).
- QR-111, max 100W. (Es posible hacer un retrofit con lámparas LED convencionales).

* Retrofit recomendado solo con lámparas de FLOS.

Halogenuro Metálico:

- HI PAR 51, max 35W.
- CDM-R111, max 70W.

Información Adicional

Únicamente instalable en superficies de cartón-yeso de 12,5mm de espesor.

Índice de protección IP20.

Instalable sobre superficies normalmente inflamables.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Lighting system comprising an extruded profile which integrates perfectly in plasterboard ceilings. It is prepared for the simple integration of lighting with LED projectors, halogens or metal halides, accent light with ambient lighting in fluorescence or LED.

The projectors are prepared for installation directly on the profile, with Class II remote equipment. Furthermore, they are available in two sizes depending on the installation. It has accessories for visual comfort optimization and colour filters.

Available finishes: matt white (30), and matt black (14).

Light Sources

Projectors:

- LED Array, 14,4W.
- Phosphor LED, 17/18W.
- Power LED, 10W.

Halogens:

- QR-CBC 51, max 50W. (Retrofit possible with conventional LED lamps).
- QR-111, max 100W. (Retrofit possible with conventional LED lamps).

* Retrofit recommended only with FLOS lamps.

Metal halide:

- HI PAR 51, max 35W.
- CDM-R111, max 70W.

Additional Information

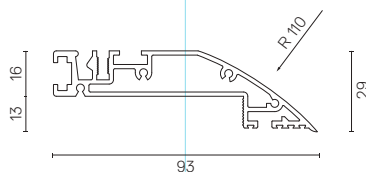
Can only be installed in 12.5mm thick plaster-board.

IP20 protection grade.

Suitable for installation on normally inflammable surfaces.

Standard Compliance and Quality Marks

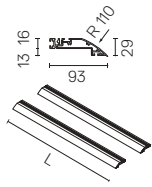
EN60598-1 European Technical Standards and any subsequent additions.



LIGHT CUT MINI — PROFILES

Instalación Canal 70 Channel 70 Installation

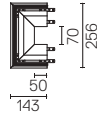
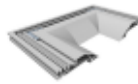
Perfil de Aluminio
Aluminium Profile



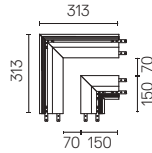
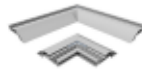
L: 1 m / 2 m

Kit de 2 Unidades
2 Unit Kit

Terminal
Endcap



Esquina
Corner



Aluminium Profile

2 Unit Kit / 1000 mm
 08.8720.30 ●
 08.8720.14 ●

2 Unit Kit / 2000 mm
 08.8721.30 ●
 08.8721.14 ●

Endcap

08.8705.30 ●
 08.8705.14 ●

Corner

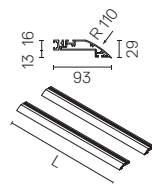
08.8707.30 ●
 08.8707.14 ●

Sistema estructural realizado en aluminio para integrar en techos realizados en cartón yeso. Permite incorporar proyectores. Para la instalación en canal se compone de perfiles de 1 ó 2 metros, esquinas interiores y exteriores dobles.

Structural system in aluminium to integrate in plasterboard ceilings. It allows incorporation of projectors. Channel installation consists of 1 or 2 meter profiles, double inside and outside corners.

Instalación Canal 140 Channel 140 Installation

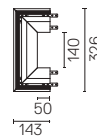
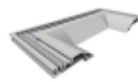
Perfil de Aluminio
Aluminium Profile



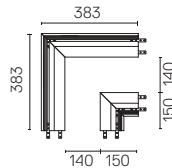
L: 1 m / 2 m

Kit de 2 Unidades
2 Unit Kit

Terminal
Endcap



Esquina
Corner



Aluminium Profile

2 Unit Kit / 1000 mm
 08.8720.30 ●
 08.8720.14 ●

2 Unit Kit / 2000 mm
 08.8721.30 ●
 08.8721.14 ●

Endcap

08.8706.30 ●
 08.8706.14 ●

Corner

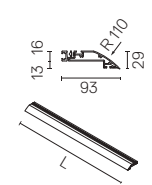
08.8708.30 ●
 08.8708.14 ●

Sistema estructural realizado en aluminio para integrar en techos realizados en cartón yeso. Permite incorporar proyectores. Para la instalación en canal se compone de perfiles de 1 ó 2 metros, esquinas interiores y exteriores dobles.

Structural system in aluminium to integrate in plasterboard ceilings. It allows incorporation of projectors. Channel installation consists of 1 or 2 meter profiles, double inside and outside corners.

Instalación Perimetral Perimetral Installation

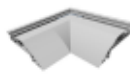
Perfil de Aluminio
Aluminium Profile



L: 1 m / 2 m

Kit de 1 Unidad
1 Unit Kit

Esquina Interior
Inner Corner



Esquina Exterior
Outer Corner



Accesorio para Esquina Vertical
Accessory for Vertical Corner



Aluminium Profile

1 Unit Kit / 1000 mm
 08.8701.30 ●
 08.8701.14 ●

1 Unit Kit / 2000 mm
 08.8702.30 ●
 08.8702.14 ●

Inner Corner

08.8709.30 ●
 08.8709.14 ●

Outer Corner

08.8710.30 ●
 08.8710.14 ●

Accessory for Vertical Corner
08.8711.00

Sistema estructural realizado en aluminio para integrar en techos realizados en cartón yeso. Permite incorporar proyectores. Para la instalación perimetral se compone de perfiles de 1 ó 2 metros, esquinas interiores y exteriores.

Structural system in aluminium to integrate in plasterboard ceilings. It allows incorporation of projectors. Perimetral installation consists of 1 or 2 meter profiles, inside and outside corners.

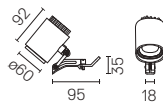
LIGHT CUT MINI — SPOTS

SPOT MODULE LED ARRAY



LED ARRAY
DC 450 mA
14,4W
1780 lm
3000K/CRI 90

14,4W
1440 lm
3000K/CRI 90

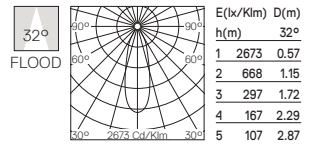
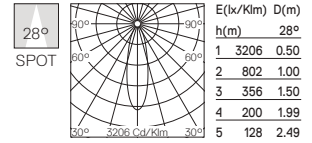


Proyector para ser instalado en sistema Light Cut Mini. Fuente de alimentación de corriente constante remota no incluida.

Projector to be installed in Light Cut Mini system. Remote continuous current supply source not included.

CRI 80
 09.0211.30A
 09.0211.14A

CRI 90
 09.0217.30A
 09.0217.14A

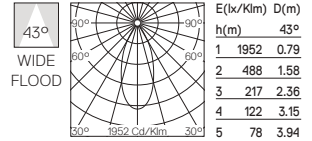


CRI 80
 09.0212.30A
 09.0212.14A

CRI 90
 09.0218.30A
 09.0218.14A

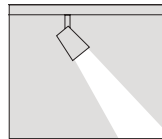
CRI 80
 09.0213.30A
 09.0213.14A

CRI 90
 09.0219.30A
 09.0219.14A



Equipos recomendados:
Recommended power supply:

Non Dimmable 60.8697
Dimmable 1-10V 60.8536
Dimmable Dali 60.8847
Mains Dimming 60.8837



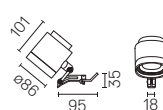
LED INCL.
NOT REPLACEABLE

SPOT MODULE PHOSPHOR LED



PHOSPHOR LED
DC 700 mA
17W
1400 lm
3000K/CRI 98

DC 650 mA
18W
1870 lm
3000K/CRI 80

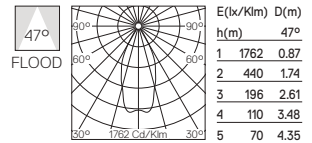
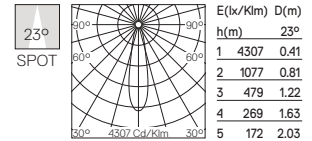


Proyector para ser instalado en sistema Light Cut Mini. Fuente de alimentación de corriente constante remota no incluida.

Projector to be installed in Light Cut Mini system. Remote continuous current supply source not included.

CRI 80
 09.0230.30
 09.0230.14

CRI 98
 09.0232.30
 09.0232.14



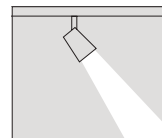
CRI 80
 09.0231.30
 09.0231.14

CRI 98
 09.0233.30
 09.0233.14

Solo para instalación en Canal 140.
Only for Channel 140 installation.

Equipos recomendados:
Recommended power supply:

	CRI 80	CRI 98
Non Dimmable	60.8697	60.8656
Dimmable 1-10V	60.8530	60.8533
Dimmable Dali	60.8530	60.8530
Mains Dimming	60.8534	60.8534



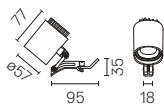
LED INCL.
NOT REPLACEABLE

LIGHT CUT MINI — SPOTS

SPOT MODULE POWER LED

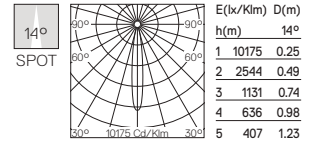


POWER LED
DC 900 mA
10W
840 lm
3000K
CRI 80



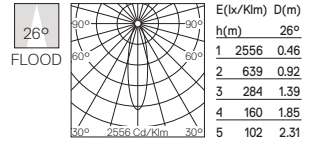
Proyector para ser instalado en sistema Light Cut Mini. Fuente de alimentación de corriente constante remota no incluida.

09.0220.30A
09.0220.14A

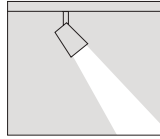


Projector to be installed in Light Cut Mini system. Remote continuous current supply source not included.

09.0221.30A
09.0221.14A



Equipos recomendados:
Recommended power supply:



Non Dimmable 60.9233
Dimmable Dali 60.8530

180° 350° CE III F 1,20 Kg IP 20 GWT 850° LED INCL. NOT REPLACEABLE

SPOT MODULE QR-CBC 51

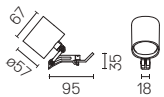


QR-CBC 51
GX5.3
MAX 50W

- OR -

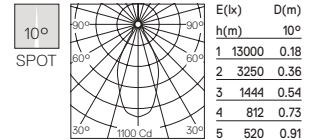


LED
QR-CBC 51
GX5.3
7/10W

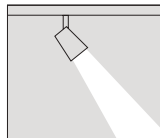
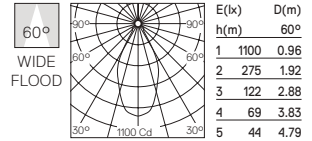


Proyector para ser instalado en sistema Light Cut Mini. Transformador electrónico remoto no incluido.

09.0203.30
09.0203.14



Projector to be installed in Light Cut Mini system. Electronic transformer remote not included.

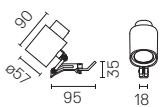


180° 350° CE III F IP 20 0,27 Kg 03 GWT 850° A+ → E

SPOT MODULE HI PAR 51

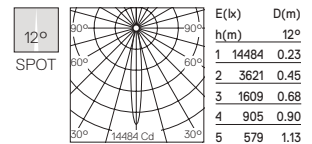


HI PAR 51
GX10
MAX 35W

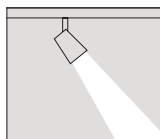
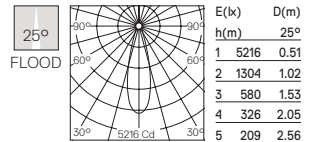


Proyector para ser instalado en sistema Light Cut Mini. Balasto electrónico remoto no incluido.

09.0204.30
09.0204.14



Projector to be installed in Light Cut Mini system. Remote electrical ballast not included.



180° 350° CE III F IP 20 0,27 Kg 03 GWT 850° A

LIGHT CUT MINI — SPOTS

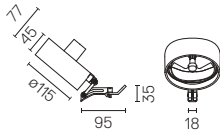
[SPOT MODULE QR-111]



QR-111
G53
MAX 100W

- OR -

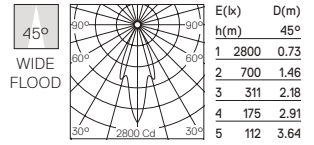
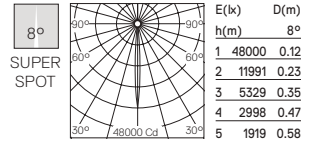
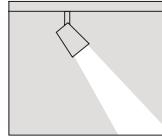
LED QR-111



Proyector para ser instalado en sistema Light Cut Mini. Transformador electrónico remoto no incluido.

09.0205.30
09.0205.14

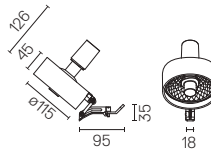
Projector to be installed in Light Cut Mini system. Electronic transformer remote not included.



[SPOT MODULE CDM-R111]



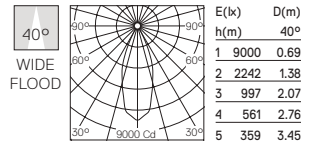
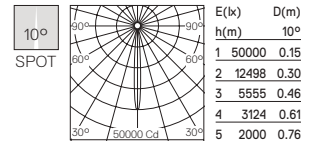
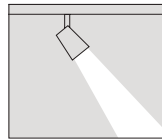
CDM-R111
GX8.5
MAX 70W



Proyector para ser instalado en sistema Light Cut Mini. Balasto electrónico remoto no incluido.

09.0206.30
09.0206.14

Projector to be installed in Light Cut Mini system. Remote electrical ballast not included.



[Solo para instalación Perimetral o en Canal 140.]
[Only for Perimetral or Channel 140 installation.]

LIGHT CUT MINI — SPOTS

ACCESORIOS / ACCESSORIES

Accesorios para módulos spot Power LED / QR-CBC 51 / HI PAR 51. Accessories for Power LED / QR-CBC 51 / HI PAR 51 spot modules.

Accesorio de apantallamiento.
Screening cylinder.



08.8380.30
08.8380.14

Portafiltros realizado en aluminio
inyectado.



08.8363.30
08.8363.14

Filter-holder made from injected
aluminium.

Rejilla anti-deslumbramiento
realizada con celdas de aluminio
tipo "Honeycomb".



08.8182.14

"Honeycomb" anti-glare grid made
of aluminium cells.

FILTRO AZUL
BLUE FILTER



08.8230.64.OD

FILTRO CELESTE
SKY BLUE FILTER



08.8230.65.OD

FILTRO ÁMBAR
AMBER FILTER



08.8230.66.OD

FILTRO ROJO
RED FILTER



08.8230.67.OD

FILTRO anti U.V.
U.V. FILTER



08.8230.98.OD

HOT LIGHT
HOT LIGHT



08.8230.69

COLD LIGHT
COLD LIGHT



08.8230.CL

DAYLIGHT
DAYLIGHT



08.8230.DL

NEODIMIUM
NEODIMIUM



08.8230.ND

Accesorios para módulos spot LED Array. Accessories for LED Array spot modules.

Elemento apantallador tipo "nido
de abeja", realizado en aluminio y
acabado en negro.



08.8502.14

"Honeycomb" anti-glare screen:
in thin, black-painted aluminium
sheets.

FILTRO AZUL
BLUE FILTER



08.8501.64.OD

FILTRO CELESTE
SKY BLUE FILTER



08.8501.65.OD

FILTRO ÁMBAR
AMBER FILTER



08.8501.66.OD

FILTRO ROJO
RED FILTER



08.8501.67.OD

HOT LIGHT
HOT LIGHT



08.8501.69

COLD LIGHT
COLD LIGHT



08.8501.CL

DAYLIGHT
DAYLIGHT



08.8501.DL

NEODIMIUM
NEODIMIUM




08.8501.ND

LIGHT CUT MINI — SPOTS


ACCESORIOS / ACCESSORIES

Accesorios para módulos spot QR-111 / CDM-R111.


Accessories for QR-111 / CDM-R111 spot modules.

Portafiltros realizado en aluminio
inyectado.  08.8364.30
08.8364.14


Filter-holder made from injected
aluminium.

Cristal templado de 4 mm de
espesor para la distribución elíptica
del flujo luminoso.  08.8020.68

Elliptical light distribution lens in
4 mm thick tempered glass.

Lente Flood realizada en cristal
prensado.  08.8178.68

Flood lens made in press glass.


Elemento apantallador tipo “nido
de abeja”, realizado en aluminio y
acabado en negro.  08.8365.14

“Honeycomb” anti-glare screen:
in thin, black-painted aluminium
sheets.

FILTRO AZUL
BLUE FILTER  08.8019.64.OD

FILTRO CELESTE
SKY BLUE FILTER  08.8019.65.OD


FILTRO ÁMBAR
AMBER FILTER  08.8019.66.OD

FILTRO ROJO
RED FILTER  08.8019.67.OD

FILTRO anti U.V.
U.V. FILTER  08.8019.98.OD

FILTRO anti I.R.
I.R. FILTER  08.8023.68

HOT LIGHT
HOT LIGHT  08.8019.69






COLD LIGHT
COLD LIGHT  08.8019.CL






DAYLIGHT
DAYLIGHT  08.8019.DL




NEODIMIUM
NEODIMIUM  08.8019.ND

MINI BEAM

DESIGNED BY ANTONIO CITTERIO

<p>Versión Version</p>	<p>MINI BEAM S1 INDIRECT</p> 	<p>MINI BEAM S1 DIRECT</p> 	<p>MINI BEAM EMERGENCY</p> 	
	<p>MINI BEAM S2 INDIRECT</p> 	<p>MINI BEAM S2 DIRECT</p> 		

<p>Fuentes de Luz Light Sources</p>	 <p>T5 FH/FQ G5 2x28W-FH 2x54W-FQ</p>	 <p>T5 FH G5 2x28W</p>	 <p>POWER LED 1W</p>	
	 <p>T5 FH/FQ G5 2x35W-FH 2x49/80W-FQ</p>	 <p>T5 FH/FQ G5 2x35W-FH 2x49W-FQ</p>		

<p>Colores Colours</p>	<p><input type="checkbox"/> 09,30 Blanco RAL 9001 09,30 White</p> 	<p><input type="checkbox"/> 20,02 Gris RAL 9006 20,02 Grey</p> 	<p><input type="checkbox"/> 30,14 Negro RAL 9005 30,14 Black</p> 	
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MINI BEAM

Descripción

Sistema de iluminación interior con iluminación general fluorescente directa e indirecta. Conexión modular directa sin necesidad de elemento de unión adicional. Cuerpo de la luminaria terminado en pintura polvo. Embellecedores de plástico cromado. Elementos estructurales realizados en acero galvanizado. Sistema de suspensión formado por cables de acero ajustables y conexión eléctrica mediante rosetón con cubierta de policarbonato transparente. Disponible en los acabados: blanco (09, 30), gris (20, 02) y negro (30, 14).

Fuentes de Luz

LED de Emergencia:

- Power LED, 1W.

Fluorescencia:

- T5 FH/FQ, 28/35/49/54/80W.

Unidades de Alimentación

Toda la familia dispone de equipos electrónicos integrados en la luminaria.

Lámparas fluorescentes:

- Versión estándar. Balasto electrónico de la potencia indicada 220/240V - 50/60Hz.

- Versión regulable. Balasto electrónico regulable de la potencia indicada 220/240V - 50/60Hz. Sistema de dimado digital DSI/SwitchDIM.

- Versión regulable Dali. Balasto electrónico regulable de la potencia indicada 220/240V - 50/60Hz. Sistema de dimado digital DSI/ SwitchDIM/Dali.

LED:

- Transformador electrónico de corriente constante no regulable 220/240V - 50/60Hz.

Accesorios

Para todas las versiones: rosetón de alimentación.

No incluye rosetón de alimentación ni terminales de cierre.

Información Adicional

Disponible en diferentes longitudes en función de la potencia y tipología de producto.

Índice de protección IP20.

Clase de aislamiento I.

Instalable sobre superficies normalmente inflamables.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Interior lighting system in general lighting fluorescent accent directly and indirectly. Modular direct connection without the need for additional bonding element. Body of the fitting finished in powder paint. Plastic chrome trim. Structural elements in galvanized steel. Suspension system consisting of adjustable steel cables and wiring through rose covered with transparent polycarbonate.

Available finishes: white (09, 30), grey (20, 02) and black (30, 14).

Light Sources

Emergency LED:

- Power LED, 1W.

Fluorescent:

- T5 FH/FQ tubular fluorescent, 28/35/49/54/80W.

Power Supply

The whole family has electronic equipment integrated in the luminaire.

Fluorescent lamps:

- Standard version. Electronic ballast, power levels 220/240V - 50/60Hz.

- Adjustable version. Adjustable electronic ballast power levels 220/240V - 50/60Hz. Digital adjustable system DSI/ Switch DIM.

- Dali adjustable version. Adjustable electronic ballast. Power levels 220/240V - 50/60Hz. Digital adjustable system DSI/ Switch DIM/Dali.

LED:

- Electronic transformer of non-adjustable constant current 220/240V - 50/60Hz.

Accessories

For all versions: power supply rose.

It does not include power supply rosette or end caps.

Additional Information

Available in different lengths depending on the strength and type of product.

IP20 protection grade.

Insulation class I.

Suitable for installation on normally inflammable surfaces.

Standard Compliance and Quality Marks

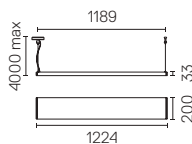
EN60598-1 European Technical Standards and any subsequent additions.

MINI BEAM

MINI BEAM S1 INDIRECT

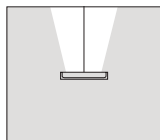


T5 F
2x28W-FH
2x54W-FQ



Sistema de iluminación indirecta para ser instalado a techo con lámparas fluorescentes lineales. No incluye rosetón de alimentación ni terminales de cierre.

Ceiling application lighting system for indirect lighting with linear fluorescent light. Power supply rosette and end caps not included.



Non Dimmable

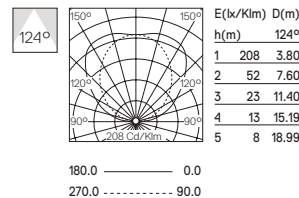
- F0511009
- F0511020
- F0511030

Dimmable

- F0510009
- F0510020
- F0510030

Dali Version

- F0.5100.30.DA
- F0.5100.02.DA
- F0.5100.14.DA

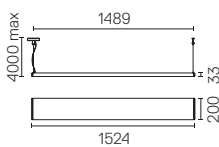


NO DIM

MINI BEAM S2 INDIRECT

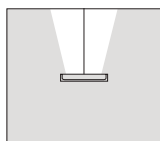


T5 FH/FQ
G5
2x35W-FH
2x49W-FQ
2x80W-FQ



Sistema de iluminación indirecta para ser instalado a techo con lámparas fluorescentes lineales. No incluye rosetón de alimentación ni terminales de cierre.

Ceiling application lighting system for indirect lighting with linear fluorescent light. Power supply rosette and end caps not included.



2x35W / 2x49W

Non Dimmable

- F0517009
- F0517020
- F0517030

Dimmable

- F0516009
- F0516020
- F0516030

Dali Version

- F0.5160.30.DA
- F0.5160.02.DA
- F0.5160.14.DA

2x80W

Non Dimmable

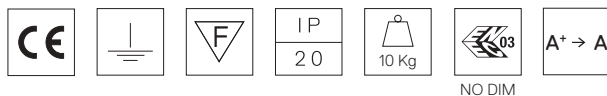
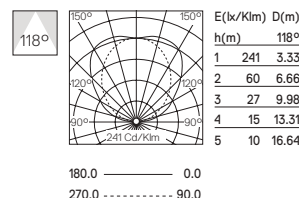
- F0521009
- F0521020
- F0521030

Dimmable

- F0520009
- F0520020
- F0520030

Dali Version

- F0.5200.30.DA
- F0.5200.02.DA
- F0.5200.14.DA

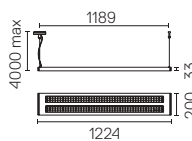


NO DIM

MINI BEAM S1 DIRECT

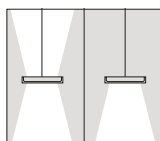


T5 FH
G5
2x28W



Sistema de iluminación directa para ser instalado a techo con lámparas fluorescentes lineales. No incluye rosetón de alimentación ni terminales de cierre.

Ceiling application lighting system for direct lighting with linear fluorescent light. Power supply rosette and end caps not included.



Non Dimmable

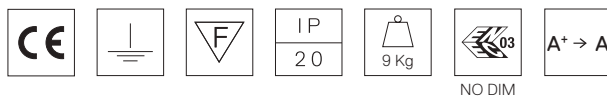
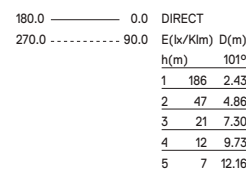
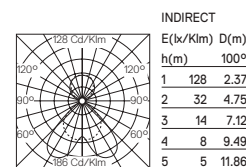
- F0515009
- F0515020
- F0515030

Dimmable

- F0514009
- F0514020
- F0514030

Dali Version

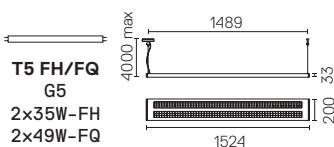
- F0.5140.30.DA
- F0.5140.02.DA
- F0.5140.14.DA



NO DIM

MINI BEAM

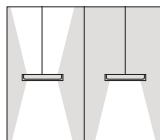
MINI BEAM S2 DIRECT



T5 FH/FQ
G5
2x35W-FH
2x49W-FQ

Sistema de iluminación directa para ser instalado a techo con lámparas fluorescentes lineales. No incluye rosetón de alimentación ni terminales de cierre.

Ceiling application lighting system for direct lighting with linear fluorescent light. Power supply rosette and end caps not included.



Non Dimmable

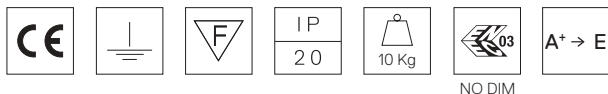
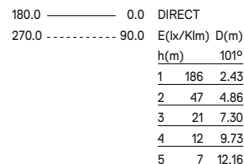
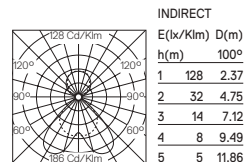
- F0523009
- F0523020
- F0523030

Dimmable

- F0522009
- F0522020
- F0522030

Dali Version

- F0.5220.30.DA
- F0.5220.02.DA
- F0.5220.14.DA



MINI BEAM EMERGENCY

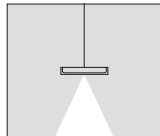


POWER LED
1W



Módulo de emergencia LED autónomo con batería de 3h. Disponible con equipos Basic, Selftest y Dali. El equipo Selftest reduce los costes de mantenimiento según la normativa IEC 62034. No incluye rosetón de alimentación ni terminales de cierre.

LED emergency module with 3h battery. Available with Basic equipment, SelfTest and Dali. The SelfTest module reduces maintenance costs according to IEC standard 62034. Power supply rosette and end caps not included.



Basic

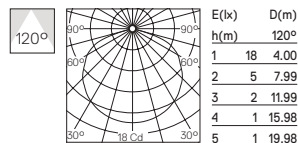
- 03.3880.30
- 03.3880.02
- 03.3880.14

Selftest

- 03.3881.30
- 03.3881.02
- 03.3881.14

Dali Version

- 03.3882.30
- 03.3882.02
- 03.3882.14



LED INCL.
NOT REPLACEABLE

Accesorios Accessories

Par de terminales de cierre de plástico cromado.



F0526057

Pair of plastic chrome closing covers.

Rosetón de alimentación para las versiones estándar y dimmables.



F0556020

Power supply rose for standard and dimmable version.

Rosetón de alimentación para las versiones con doble encendido o regulables Dali. Incluye cable de alimentación de 5 polos.











F0557020

Power supply rose with five pole wire for double switch or dimmable Dali version.

THIN LED

DESIGNED BY FLOS ARCHITECTURAL

Versión Version			
Fuentes de Luz Light Sources	 TOP LED 19W/m 24V 1720 lm/m 3000K CRI 85		
Colores Colours	 30 Blanco 30 White	 29 Aluminio Anodizado 29 Anodized Aluminium	 BZ Bronce Anodizado BZ Anodized Aluminium
			

Modelo patentado y registrado. / Patented and registered Model.

Descripción

Aparato de iluminación indirecta para ser instalada en la pared.

Cuerpo en aluminio anodizado con reflector interior óptico realizado en aluminio super-puro. Muy fácil de instalar y extremadamente versátil. El circuito impreso está realizado con módulos articulados con un doble conector a través de contactos de plata. Esto asegura un alimentador de corriente seguro evitando daños que podrían originarse durante la fase de montaje.

Los LEDs utilizados con una ajustada frecuencia y una emisión de 120°, junto con el sistema reflector, garantizan unas prestaciones elevadas y una iluminación uniforme.

Gracias a un sistema patentado de control de emisiones de luz, el rendimiento de las lámparas es muy alto, con una distribución de iluminación óptima y muy comfortable. Disponible en los acabados: blanco (30), aluminio anodizado (29) y bronce anodizado (BZ).

Fuentes de Luz

LED:

- Top LED, 19W/m.

Unidades de Alimentación

Fuentes de alimentación de 24V disponibles desde 20W hasta 100W de potencia (3 metros de longitud).

Sistema de control con dimmer 1-10V o Dali disponibles.

Información Adicional

Módulos de LED: 404 mm - 1201 mm - 1034 mm - 2040 mm - 2541 mm - 3042 mm.

Módulo deslumbramiento: 1034 mm.

Máxima longitud de conexión 3044 mm.

Cubiertas laterales incluidas.

Grado de protección IP20.

Clase de aislamiento III.

Instalable sobre superficies normalmente inflamables.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Wall application luminaire for indirect lighting .

Anodised aluminium housing with internal super-pure optical aluminium reflector. Very easy to install and extremely versatile. The printed circuit is made of jointed modules with double connector through silver contacts. This ensure a safe power supply avoiding damages which could be caused during assembling phase.

The utilized LED, with a very tight pitch and a 120° emission, together with the reflection system, grant a very high and even lighting emission performance.

Thanks to a patented light emission control system, the light fitting performance is really high, with an optimized and very comfortable light distribution.

Available finishes: white (30), anodized aluminium (29) and anodized bronze (BZ).

Light Sources

LED:

- Top LED, 19W/m.

Power Supply

24V power supplies available with a power of between 20W and 100W (3 metres in length).

Control system with 1-10V dimmer or Dali available.

Additional Information

LED modules: 404 mm - 1201 mm - 1034 mm - 2040 mm - 2541 mm - 3042 mm.

Blind module: 1034 mm.

Max connection length 3044 mm.

Side covers included.

IP20 protection grade.

Classe d'isolation III.

Suitable for installation on normally inflammable surfaces.

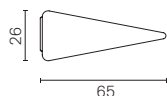
Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

THIN LED



TOP LED
19W/m
24V
1720 lm/m
3000K
CRI 85



Luminaria de pared de iluminación indirecta con LED. Transformador remoto no incluido.

Wall application luminaire for indirect lighting with LED. Remote transformer not included.

L: 404mm - 6,4W - 688 lm
16 LEDs
 09.0045.30A
 09.0045.29A
 09.0045.BZA

L: 1034mm - 18,8W - 1778 lm
42 LEDs
 09.0100.30A
 09.0100.29A
 09.0100.BZA

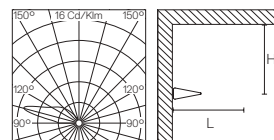
L: 1201mm - 22W - 2064 lm
55 LEDs
 09.0120.30A
 09.0120.29A
 09.0120.BZA

L: 2040mm - 34W - 3509 lm
84 LEDs
 09.0101.30A
 09.0101.29A
 09.0101.BZA

L: 2541mm - 40,8W - 4371 lm
105 LEDs
 09.0102.30A
 09.0102.29A
 09.0102.BZA

L: 3042mm - 46,2W - 5232 lm
126 LEDs
 09.0103.30A
 09.0103.29A
 09.0103.BZA

L: 1034mm BLIND
 09.0104.30A
 09.0104.29A
 09.0104.BZA



H: Distancia al techo (m)
H: Distance to the ceiling (m)
0,30 0,30 0,30

L: Distancia a la pared (m)
L: Distance to the wall (m)
0,80 1,60 2,40

Iluminancia (lx)
Illuminance (lx)
808 611 450

H: Distancia al techo (m)
H: Distance to the ceiling (m)
0,60 0,60 0,60

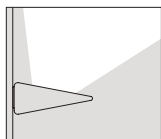
L: Distancia a la pared (m)
L: Distance to the wall (m)
0,80 1,60 2,40

Iluminancia (lx)
Illuminance (lx)
387 416 363

H: Distancia al techo (m)
H: Distance to the ceiling (m)
0,90 0,90 0,90

L: Distancia a la pared (m)
L: Distance to the wall (m)
0,80 1,60 2,40

Iluminancia (lx)
Illuminance (lx)
195 282 274



LED INCL.
NOT REPLACEABLE

Equipos Drivers

Transformador electrónico de tensión constante (24V) para LED. 100/240V.

Electronic transformer with constant voltage (24V) for LED. 100/240V.



20W
60.8495
60W
60.8496
100W
60.8497

Unidad de control dimable 1-10V de 1 canal para la regulación de módulos LED, para equipos de 24V. No incluye fuente de alimentación.
Max. 120W - 5A.

Dimmable 1-10V control unit with 1 channel for 24V LED modules. Power supply not included.
Max. 120W - 5A.



60.8640

Unidad de control dimable Dali de 1 canal para la regulación de módulos LED, para equipos de 24V. No incluye fuente de alimentación.
Máxima longitud 5 m/92,5W.



Dimmable Dali control unit with 1 channel for 24V LED modules. Power supply not included.
Maximum length 5 m/92,5W.



60.8635

LED CURTAIN

DESIGNED BY FLOS ARCHITECTURAL

Versión Version		
Fuentes de Luz Light Sources	 POWER LED 33,5W/m 24V 3440 1m/m 3000K/CRI 82 33,5W/m 24V 3700 1m/m 4000K/CRI 82	

Colores Colours	<input type="checkbox"/> 30 Blanco 30 White	
---------------------------	--	---

Descripción

Luminaria empotrada con fuente de luz LED. Realizada mediante dos perfiles de aluminio extruido que se emplean como disipador de calor para los LEDs de potencia. Dispone de lentes elípticas para una perfecta distribución luminosa. Disponible en módulos de diferentes longitudes interconectables entre sí mediante un cable de unión con conexión rápida tipo Tyco. Disponible en los acabados: blanco (30).

Fuentes de Luz

LED:
- Power LED:
33,5W/m - 3000K/4000K.

Unidades de Alimentación

Fuentes de alimentación de 24V disponibles desde 20W hasta 100W de potencia. (máximo 3 metros de longitud). Sistema de control con dimmer 1-10V o Dali disponibles.

Información Adicional

Módulos de LED de diferentes longitudes conectables entre sí mediante el accesorio cable de unión. Dispone de conectores rápidos tipo Tyco, por lo que la alimentación se debe de realizar con el cable previsto para ello disponible en los accesorios. Máxima longitud desde un punto de alimentación 3 metros. Índice de protección IP20. Clase de aislamiento III.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Embedded light fixtures for LED light source. Made of two extruded aluminium sections used to dissipate the heat from the power LEDs. With elliptical lenses for perfect light distribution. Available in modules of different lengths which can be interconnected by a Tyco-type fast-connection cable. Available finishes: white (30).

Light Sources

LED:
- Power LED:
33,5W/m - 3000K/4000K.

Power Supply

24V power supplies available with a power of between 20W and 100W (maximum 3 metres in length). Control system with 1-10V dimmer or Dali available.

Additional Information

LED modules of different lengths, inter-connectable using the connection cable. With fast Tyco-type connectors, for power supply with the cable provided for this purpose, available with accessories. Maximum length from a connection point 3 metres. IP20 protection grade. Insulation class III.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

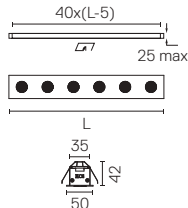
LED CURTAIN

LED CURTAIN



POWER LED
33,5W/m
24V
3440 lm/m
3000K/CRI 82

33,5W/m
24V
3700 lm/m
4000K/CRI 82



Luminaria empotrada de iluminación directa con LED. Incorpora lente elíptica 15°x50°. Transformador remoto no incluido.

Embedded luminaire for direct lighting with LED. Elliptical lens 15°x50° incorporated. Remote transformer not included.

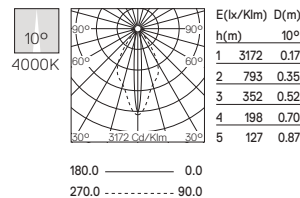
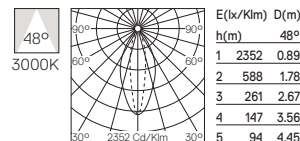
L: 150mm - 5W - 3 LEDs
 3000K - 516 lm
 4000K - 555 lm
 03.3920.30A

L: 300mm - 10W - 6 LEDs
 3000K - 1032 lm
 03.3901.30A
 4000K - 1110 lm
 03.3921.30A

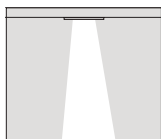
L: 600mm - 20W - 12 LEDs
 3000K - 2064 lm
 03.3902.30A
 4000K - 2220 lm
 03.3922.30A

L: 900mm - 30W - 18 LEDs
 3000K - 3096 lm
 03.3903.30A
 4000K - 3330 lm
 03.3923.30A

L: 1200mm - 40W - 24 LEDs
 3000K - 4128 lm
 03.3904.30A
 4000K - 4440 lm
 03.3924.30A



LED INCL.
NOT REPLACEABLE



Equipos Drivers

Transformador electrónico de tensión constante (24V) para LED. 100/240V.

Electronic transformer with constant voltage (24V) for LED. 100/240V.



20W
60.8495

60W
60.8496

100W
60.8497

Transformador electrónico de tensión constante (24V) para LED. 60W. 100/240V. Para uso independiente.

Electronic transformer with constant voltage (24V) for LED. 60W. 100/240V. For independent use.



60.8515

Unidad de control dimable 1-10V con 1 canal para la regulación de módulos LED, para equipos de 24V. No incluye fuente de alimentación. Max. 120W - 5A.

Dimmable 1-10V control unit with 1 channel for 24V LED modules. Power supply not included. Max. 120W - 5A.



60.8640

Unidad de control dimable Dali con 3 canales para la regulación de módulos LED, para equipos de 24V. No incluye fuente de alimentación.

Dimmable Dali control unit with 3 channels for 24V LED modules. Power supply not included.



60.8641

Cable de unión entre módulos con conexión rápida tipo Tyco.

Connection cable between modules with Tyco fast connection cable.



L: 100 mm
06.1032.00

L: 500 mm
06.1033.00

Cable de alimentación con conexión rápida tipo Tyco. Máxima longitud a alimentar 3 metros.

Power cable with Tyco fast connection cable. Maximum supply length 3 metres.



L: 500 mm
06.1034.00



LED SQUAD

DESIGNED BY FLOS ARCHITECTURAL

Versión Version	LED SQUAD	LED SQUAD 1 SPOT	LED SQUAD 2 SPOTS
Fuentes de Luz Light Sources	 TOP LED 24W/m 24V 2307 1m/m 3000K CRI 80	 POWER LED 4W 24V 314 1m 3000K CRI 80	 POWER LED 6W 24V 2x314 1m 3000K CRI 80

Colores Colours

Led Squad

■ 29 Aluminio Anodizado
29 Anodized Aluminium

■ AN Negro Anodizado
AN Anodized Black



Led Squad 1 Spot

□ 30 Blanco
30 White

■ 02 Gris
02 Grey

■ 14 Negro
14 Black



Led Squad 2 Spots



LED SQUAD

Descripción

Luminaria para ser instalada en superficie con fuente de luz LED. Realizada mediante perfil de extrusión de aluminio en el que se incorporan módulos de LED lineales. Dispone de difusor opal para obtener una difusión óptima de la luz y conectores rápidos para poder realizar uniones entre módulos de diferentes longitudes.

La versión Spot está realizada con un cuerpo óptico de aluminio en el que se incorpora un LED de potencia de alto rendimiento. El control óptico se realiza mediante lentes, con tres ángulos de apertura.

Disponible en los acabados:

LED Squad: aluminio anodizado (29) y negro anodizado (AN).

LED Squad Spot: blanco (30), gris (02) y negro (14).

Fuentes de Luz

LED:

- Top LED, 24W/m.

- Power LED, 4/6W.

Unidades de Alimentación

El sistema se alimenta a 24V, para el que existen fuentes de alimentación de 20W y 48W.

Máxima longitud de módulos LED alimentados desde una fuente de alimentación: 2 metros (48W).

Número máximo de spots conectados entre sí con una fuente de alimentación: 24 spots.

Para combinación de ambos, la suma de potencia tiene que ser igual o inferior a la potencia de la fuente con un máximo de 48W.

Información Adicional

Los cables de unión y de alimentación de los módulos van incluidos en el producto.

Máxima potencia con una fuente de alimentación 48W.

Índice de protección IP20.

Clase de aislamiento III.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Luminaire to be installed on surface with LED light source. Made out of aluminium extrusion profile in which linear LED modules are incorporated. It has an opal diffuser to obtain perfect light diffusion and quick connectors to be able to make joints between different length modules.

The Spot version is made up of an aluminium optical body which includes a high performance power LED. Optical control is made using lenses, with three opening angles.

Available finishes:

LED Squad: anodized aluminium (29) and anodized black (AN).

LED Squad Spot: white (30), grey (02) and black (14).

Light Sources

LED:

- Top LED, 24W/m.

- Power LED, 4/6W.

Power Supply

The system is powered at 24V, and has 20W and 48W power supplies.

Maximum length of LED modules powered from a power supply: 2 metres (48W).

Maximum number of Spots connected together with a power supply: 24 Spots.

To combine the two, the sum of the power has to be equal to or lower than the power supply with a maximum of 48W.

Additional Information

The connection and power cables of the modules are included with the product.

Maximum power with a 48W power supply.

IP20 protection grade.

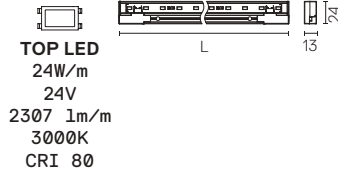
Insulation class III.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

LED SQUAD

LED SQUAD

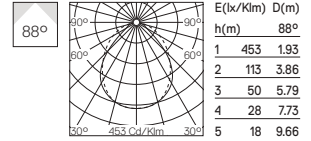


TOP LED
24W/m
24V
2307 lm/m
3000K
CRI 80

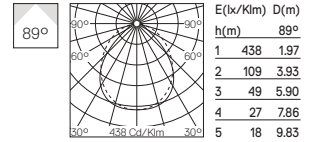
Luminaria de pared de iluminación directa/indirecta con LED.
Transformador remoto no incluido.

Direct/indirect lighting wall luminaire with LED.
Remote transformer not included.

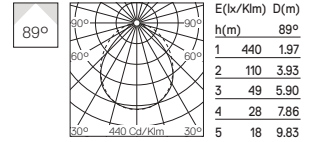
L: 125mm - 3W - 289 lm
7 LEDs
03.3960.29
03.3960.AN



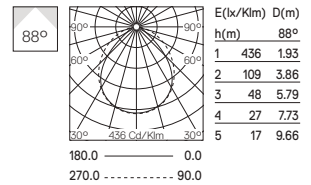
L: 250mm - 6W - 577 lm
14 LEDs
03.3961.29
03.3961.AN



L: 500mm - 12W - 1154 lm
28 LEDs
03.3962.29
03.3962.AN



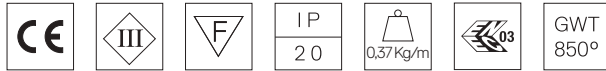
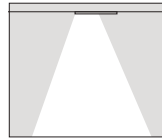
L: 1000mm - 24W - 2307 lm
56 LEDs
03.3963.29
03.3963.AN



Cables de instalación incluidos / Installation cables included:

Cable de alimentación / Power cable 500mm:

Cable de conexión / Connection cable 100mm:

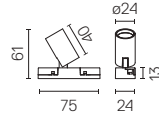


LED INCL.
NOT REPLACEABLE

LED SQUAD 1 SPOT



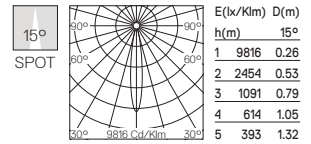
POWER LED
4W
24V
314 lm
3000K
CRI 80



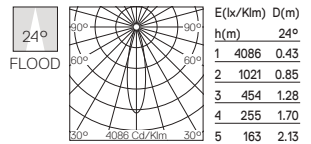
Proyector para ser instalado en superficie.
Fuente de alimentación no incluida.

Projector to be installed on surface. Power supply not included.

03.3970.30A
03.3970.02A
03.3970.14A



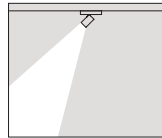
03.3971.30A
03.3971.02A
03.3971.14A



Cables de instalación incluidos / Installation cables included:

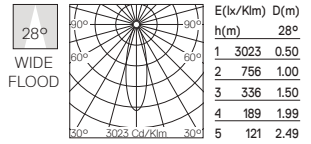
Cable de alimentación / Power cable 500 mm:

Cable de conexión / Connection cable 100 mm:



LED INCL.
NOT REPLACEABLE

03.3972.30A
03.3972.02A
03.3972.14A

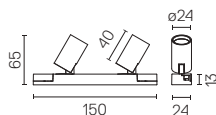


LED SQUAD

LED SQUAD 2 SPOTS



POWER LED
6W
24V
2x314 1m
3000K
CRI 80



Proyector para ser instalado en superficie.
No dimable. Fuente de alimentación no incluida.

03.3975.30A
03.3975.02A
03.3975.14A

SPOT

Projector to be installed on surface. Non dimmable.
Power supply not included.

03.3976.30A
03.3976.02A
03.3976.14A

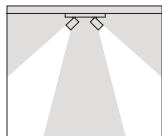
FLOOD

Cables de instalación incluidos /
Installation cables included:

Cable de alimentación / Power cable
500 mm:



Cable de conexión / Connection cable
100 mm:



03.3977.30A
03.3977.02A
03.3977.14A

WIDE
FLOOD



LED INCL.
NOT REPLACEABLE

Equipos Drivers

Transformador electrónico de tensión constante (24V) para LED. 100/240V.



20W
60.8495

Electronic transformer with constant voltage (24V) for LED. 100/240V.

60W
60.8496

Unidad de control dimable 1-10V de 1 canal para la regulación de módulos LED, para equipos de 24V. No incluye fuente de alimentación. Max. 120W - 5A.



60.8640

Dimmable 1-10V control unit with 1 channel for 24V LED modules. Power supply not included. Max. 120W - 5A.

Unidad de control dimable Dali de 1 canal para la regulación de módulos LED, para equipos de 24V. No incluye fuente de alimentación.



60.8635

Dimmable Dali control unit with 1 channel for 24V LED modules. Power supply not included.

CEILING / WALL

Light Bell, Super Flat, Sun, Tubular Bells,
Wall System, Fort Knox Wall,
Kap Surface, Compass Box.

LIGHT BELL

DESIGNED BY PIERO LISSONI

Versión
Version



Fuentes de Luz
Light Sources



LED ARRAY
46,8W
3220 lm
2700K/CRI 90

55,3W
5880 lm
3000K/CRI 80

Colores
Colours

Exterior
Outside

70 Blanco Mate
70 Matt White

AP Aluminio Pulido
AP Polished Aluminium

AN Negro Anodizado
AN Anodized Black

MM Marrón Oscuro
MM Dark Brown

7C Negro Mate
7C Matt Black

+

+

+

+

+

Interior
Inside

Aluminio Anodizado
Anodized Aluminium

Aluminio Anodizado
Anodized Aluminium

Oro
Gold

Oro
Gold

Cobre Galvanizado
Galvanic Copper



Exterior / Outside
Interior / Inside

CU Cobre
CU Copper

76 Cristal Transparente
76 Transparent Glass



LIGHT BELL

Descripción

Luminaria suspendida de iluminación general para ser instalada en interiores. Cuenta con una fuente de luz LED de última generación de alta eficiencia y difusor realizado en termoplástico técnico de bajas pérdidas.

El reflector de la luminaria se sirve por separado, y está disponible en aluminio repulsado en distintos decorados y en cristal transparente según versiones. Fuente de alimentación integrada en el cuerpo de la luminaria.

Acabados exteriores: blanco mate (70), aluminio pulido (AP), negro anodizado (AN), marrón oscuro (MM), negro mate (7C), cobre (CU) y cristal transparente (76).

Acabados interiores: aluminio anodizado, oro y cobre galvanizado.

Fuentes de Luz

LED:

- LED Array: 46,8W, 2700K - CRI 90 /
55,3W, 3000K - CRI 80.

Fuente de Alimentación

Fuente de alimentación de corriente constante 220/240V integrada.

Información Adicional

Disponible en versiones Dali, y Dimmable Push.

Índice de protección IP54.

Clase de aislamiento I.

Disipador tipo pin-block.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Suspended general lighting luminaire for indoor mounting. It has a high efficiency latest generation LED light source and a low-loss technical thermoplastic diffuser.

The reflector is supplied separately and is available in spun aluminium with different patterns, and in transparent glass, depending on the versions. Power supply source integrated into luminaire housing.

Exterior finishes: matt white (70), polished aluminium (AP), anodized black (AN), dark brown (MM), matt black (7C), copper (CU) and transparent glass (76).

Interior finishes: anodized aluminium, gold and galvanic copper.

Light Sources

LED:

- LED Array: 46,8W, 2700K - CRI 90 /
55,3W, 3000K - CRI 80.

Power Supply

Integrated 220/240V constant voltage power supply source.

Additional Information

Available in Dali, and Dimmable Push versions.

IP54 protection grade.

Insulation class I.

Pin-block type dissipater.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

LIGHT BELL

LIGHT BELL LIGHT SOURCE



LED ARRAY
46,8W
3220 lm
2700K/CRI 90

55,3W
5880 lm
3000K/CRI 80

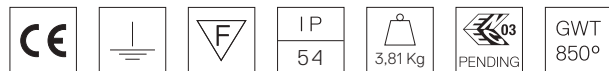
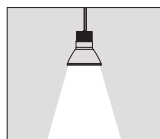


Luminaria suspendida para ser instalada a techo con fuente de luz LED (máxima distancia al techo 4 metros). Fuente de alimentación integrada en el cuerpo de la luminaria. Reflector no incluido, se sirve por separado.

Suspended ceiling-mounted luminaire with LED light source (4 metres maximum distance to ceiling). Power supply source integrated into luminaire housing. Reflector not included; supplied separately.

2700K
Non Dimmable
07.9642.14
Dimmable Push
07.9641.14.DP
Dimmable Dali
07.9641.14.DA

3000K
Non Dimmable
07.9642.14
Dimmable Push
07.9642.14.DP
Dimmable Dali
07.9642.14.DA

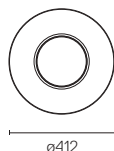


LED INCL.
NOT REPLACEABLE

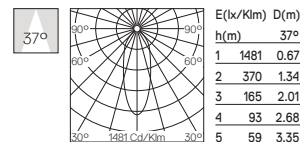
LIGHT BELL REFLECTOR



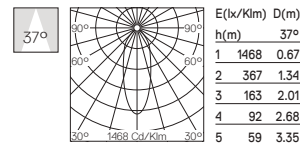
07.9630.70



E I 2700K
07.9630.70
+
07.9641.14



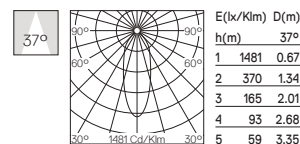
E I 3000K
07.9630.70
+
07.9642.14



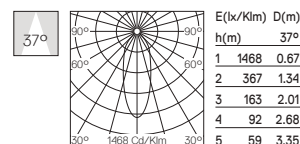
07.9630.AP



E I 2700K
07.9630.AP
+
07.9641.14



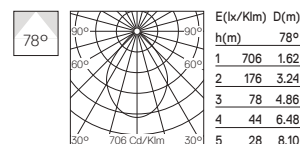
E I 3000K
07.9630.AP
+
07.9642.14



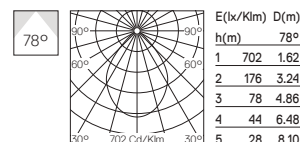
07.9630.AN



E I 2700K
07.9630.AN
+
07.9641.14



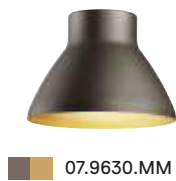
E I 3000K
07.9630.AN
+
07.9642.14



E= Acabado Externo / I= Acabado Interno.
E= External Finish / I= Internal Finish.

LIGHT BELL

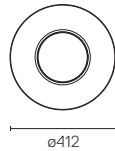
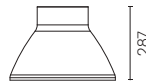
LIGHT BELL REFLECTOR



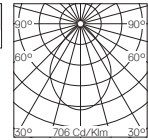
07.9630.MM



0,95 Kg

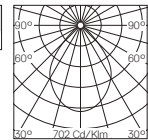


E I 2700K
07.9630.MM
+
07.9641.14



E(k/Klm)	D(m)
h(m) 78°	
1	706 1.62
2	176 3.24
3	78 4.86
4	44 6.48
5	28 8.10

E I 3000K
07.9630.MM
+
07.9642.14



E(k/Klm)	D(m)
h(m) 78°	
1	702 1.62
2	176 3.24
3	78 4.86
4	44 6.48
5	28 8.10

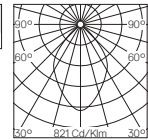


07.9630.7C



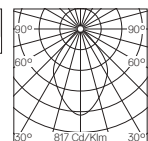
0,95 Kg

E I 2700K
07.9630.7C
+
07.9641.14



E(k/Klm)	D(m)
h(m) 73°	
1	821 1.48
2	205 2.96
3	91 4.44
4	51 5.92
5	33 7.40

E I 3000K
07.9630.7C
+
07.9642.14



E(k/Klm)	D(m)
h(m) 74°	
1	817 1.51
2	204 3.01
3	91 4.52
4	51 6.03
5	33 7.54

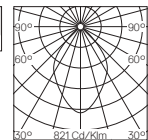


07.9630.CU



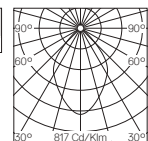
0,98 Kg

2700K
07.9630.CU
+
07.9641.14



E(k/Klm)	D(m)
h(m) 73°	
1	821 1.48
2	205 2.96
3	91 4.44
4	51 5.92
5	33 7.40

3000K
07.9630.CU
+
07.9642.14



E(k/Klm)	D(m)
h(m) 74°	
1	817 1.51
2	204 3.01
3	91 4.52
4	51 6.03
5	33 7.54

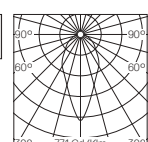


07.9630.76



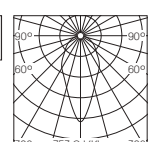
3,41 Kg

2700K
07.9630.76
+
07.9641.14



E(k/Klm)	D(m)
h(m) 44°	
1	771 0.81
2	193 1.62
3	86 2.42
4	48 3.23
5	31 4.04

3000K
07.9630.76
+
07.9642.14



E(k/Klm)	D(m)
h(m) 46°	
1	753 0.85
2	188 1.70
3	84 2.55
4	47 3.40
5	30 4.24

Accesorios
Accessories

Rosetón de alimentación para interiores. IP20.

Rosette for indoors. IP20.



Non Dimmable
F0556020

Dimmable Push/Dali
F0557020

Rosetón de alimentación. IP54.

Rosette. IP54.












08.8775.40


E= Acabado Externo / I= Acabado Interno.
E= External Finish / I= Internal Finish.


SUPER FLAT

DESIGNED BY FLOS ARCHITECTURAL


Versión Version	SUPER FLAT SUSPENSION DOWN / UP&DOWN	SUPER FLAT SURFACE
	<p>30X30</p>  <p>60X60</p>  <p>90X90</p>  <p>120X20</p>  <p>120X30</p> 	<p>60X60</p>  <p>90X90</p>  <p>120X20</p>  <p>120X30</p> 


Fuentes de Luz
Light Sources


TOP LED
3000K/CRI 80
4000K/CRI 80


TOP LED
3000K/CRI 80
4000K/CRI 80

Colores
Colours

 30 Blanco
30 White

 02 Gris
02 Grey

 14 Negro
14 Black



Premios
Awards



reddot design award
winner 2013

SUPER FLAT

Descripción

Familia de luminarias de iluminación general con distribución luminosa directa e indirecta. La familia Super Flat consta de varias versiones en forma cuadrada y rectangular, todas ellas realizadas en aluminio extruido y escuadras realizadas en aluminio de inyección.

Super Flat cuenta con unas guías especialmente diseñadas asegurando un flujo luminoso óptimo y un gran confort visual. La eficacia de este innovador sistema de iluminación permite reducir al mínimo las pérdidas de energía.

Para una mayor versatilidad del producto, toda la familia Super Flat se ha desarrollado en versiones suspendida y de superficie.

Disponible en los acabados: blanco (30), gris (02) y negro (14).

Fuentes de Luz

LED:

- Top LED, 3000/4000K - CRI 80.

Unidades de Alimentación

La luminaria se suministra con las fuentes de alimentación de corriente constante 220/240V incluidas.

Información Adicional

- Versión 30x30:

Clase de aislamiento II, índice de protección IP20.

- Versiones 60x60/90x90/120x20/120x30:

Clase de aislamiento I, índice de protección IP20.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Family of general lighting luminaires with direct and indirect light distribution. The Super Flat family has several square and rectangular versions, all of which are made of extruded aluminium and with angle brackets made of injected aluminium.

Super Flat has some especially designed guides, guaranteeing optimal light flow and great visual comfort. Energy losses are minimised with this efficient and innovative lighting system.

The entire Super Flat family has been developed in suspended and surface mounted versions for greater product versatility. Available finishes: white (30), grey (02) and black (14).

Light Sources

LED:

- Top LED, 3000/4000K - CRI 80.

Power Supply

The luminaire is supplied with integrated 220/240 V constant current power supply sources.

Additional Information

- Version 30x30:

Insulation class II, IP20 protection grade.

- Versions 60x60/90x90/120x20/120x30:

Insulation class I, IP20 protection grade.

Standard Compliance and Quality Marks

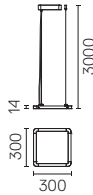
EN60598-1 European Technical Standards and any subsequent additions.

SUPER FLAT

SUPER FLAT SUSPENSION 30X30 DOWN



TOP LED
3000K/CRI 80
4000K/CRI 80

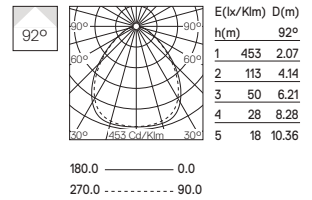


Luminaria LED de iluminación general para ser instalada a techo mediante suspensión. Fuente de alimentación incluida.

General lighting LED luminaire to be suspended from ceiling. Power supply included.

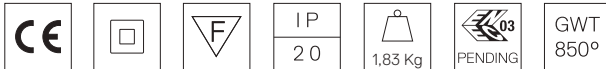
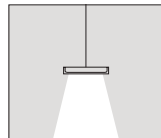
3000K
Non Dimmable
09.5000.30
09.5000.02
09.5000.14
1-10V
09.5000.30.1V
09.5000.02.1V
09.5000.14.1V

4000K
Non Dimmable
09.5001.30
09.5001.02
09.5001.14
1-10V
09.5001.30.1V
09.5001.02.1V
09.5001.14.1V



3000K
Flujo luminoso de la luminaria/
Luminous flux of luminaire:
Max. 1200 lm.
Eficiencia de la luminaria/
Luminous efficiency of luminaire:
Max. 70 lm/W.

4000K
Flujo luminoso de la luminaria/
Luminous flux of luminaire:
Max. 1270 lm.
Eficiencia de la luminaria/
Luminous efficiency of luminaire:
Max. 74 lm/W.



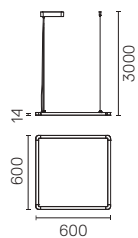
LED INCL.
NOT REPLACEABLE

Consumo total del sistema: 17W.
Total consumption of the system: 17W.

SUPER FLAT SUSPENSION 60X60 DOWN



TOP LED
3000K/CRI 80
4000K/CRI 80

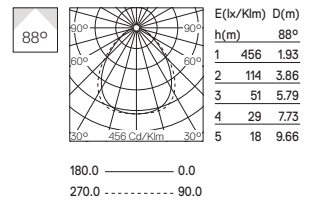


Luminaria LED de iluminación general para ser instalada a techo mediante suspensión. Fuente de alimentación incluida.

General lighting LED luminaire to be suspended from ceiling. Power supply included.

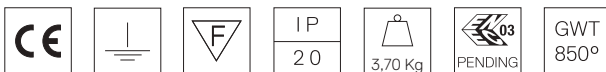
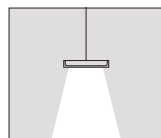
3000K
Non Dimmable
09.5010.30
09.5010.02
09.5010.14
Dali Version
09.5010.30.DA
09.5010.02.DA
09.5010.14.DA

4000K
Non Dimmable
09.5011.30
09.5011.02
09.5011.14
Dali Version
09.5011.30.DA
09.5011.02.DA
09.5011.14.DA



3000K
Flujo luminoso de la luminaria/
Luminous flux of luminaire:
Max. 3100 lm.
Eficiencia de la luminaria/
Luminous efficiency of luminaire:
Max. 75 lm/W.

4000K
Flujo luminoso de la luminaria/
Luminous flux of luminaire:
Max. 3280 lm.
Eficiencia de la luminaria/
Luminous efficiency of luminaire:
Max. 80 lm/W.



LED INCL.
NOT REPLACEABLE

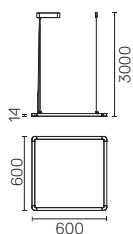
Consumo total del sistema: 42W.
Total consumption of the system: 42W.

SUPER FLAT

SUPER FLAT SUSPENSION 60X60 UP&DOWN



TOP LED
3000K/CRI 80
4000K/CRI 80

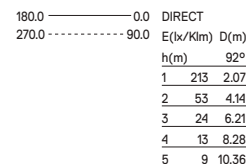
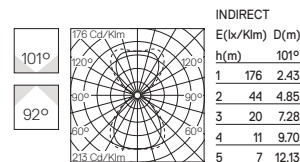


Luminaria LED de iluminación general indirecta y directa para ser instalada a techo mediante suspensión. Fuente de alimentación incluida.

General lighting LED luminaire, direct and indirect beam, to be suspended from ceiling. Power supply included.

3000K
Non Dimmable
09.5015.30
09.5015.02
09.5015.14
Dali Version
09.5015.30.DA
09.5015.02.DA
09.5015.14.DA

4000K
Non Dimmable
09.5016.30
09.5016.02
09.5016.14
Dali Version
09.5016.30.DA
09.5016.02.DA
09.5016.14.DA

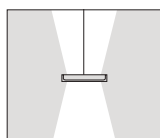


3000K
Flujo luminoso de la luminaria/
Luminous flux of luminaire:
UP: Max. 1750 lm.
DOWN: Max. 1860 lm.

Eficiencia de la luminaria/
Luminous efficiency of luminaire:
Max. 85 lm/W.

4000K
Flujo luminoso de la luminaria/
Luminous flux of luminaire:
UP: Max. 1835 lm.
DOWN: Max. 1970 lm.

Eficiencia de la luminaria/
Luminous efficiency of luminaire:
Max. 90 lm/W.



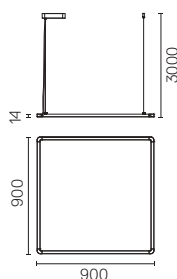
LED INCL.
NOT REPLACEABLE

Consumo total del sistema: 42W.
Total consumption of the system: 42W.

SUPER FLAT SUSPENSION 90X90 DOWN



TOP LED
3000K/CRI 80
4000K/CRI 80

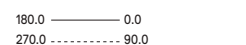
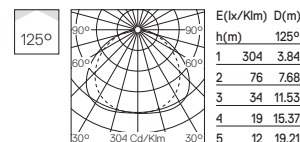


Luminaria LED de iluminación general para ser instalada a techo mediante suspensión. Fuente de alimentación incluida.

General lighting LED luminaire to be suspended from ceiling. Power supply included.

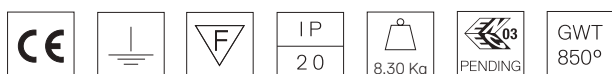
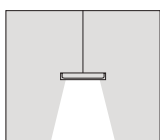
3000K
Non Dimmable
09.5020.30
09.5020.02
09.5020.14
Dali Version
09.5020.30.DA
09.5020.02.DA
09.5020.14.DA

4000K
Non Dimmable
09.5021.30
09.5021.02
09.5021.14
Dali Version
09.5021.30.DA
09.5021.02.DA
09.5021.14.DA



3000K
Flujo luminoso de la luminaria/
Luminous flux of luminaire:
Max. 4600 lm.
Eficiencia de la luminaria/
Luminous efficiency of luminaire:
Max. 88 lm/W.

4000K
Flujo luminoso de la luminaria/
Luminous flux of luminaire:
Max. 4875 lm.
Eficiencia de la luminaria/
Luminous efficiency of luminaire:
Max. 90 lm/W.



LED INCL.
NOT REPLACEABLE

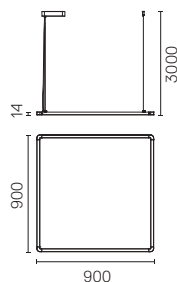
Consumo total del sistema: 52W.
Total consumption of the system: 52W.

SUPER FLAT

SUPER FLAT SUSPENSION 90X90 UP&DOWN



TOP LED
3000K/CRI 80
4000K/CRI 80



Luminaria LED de iluminación general indirecta y directa para ser instalada a techo mediante suspensión. Fuente de alimentación incluida.

General lighting LED luminaire, direct and indirect beam, to be suspended from ceiling. Power supply included.

3000K

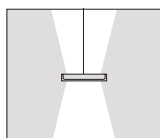
Flujo luminoso de la luminaria/
Luminous flux of luminaire:
UP: Max. 2380 lm.
DOWN: Max. 3030 lm.

Eficiencia de la luminaria/
Luminous efficiency of luminaire:
Max. 100 lm/W.

4000K

Flujo luminoso de la luminaria/
Luminous flux of luminaire:
UP: Max. 2520 lm.
DOWN: Max. 3200 lm.

Eficiencia de la luminaria/
Luminous efficiency of luminaire:
Max. 105 lm/W.



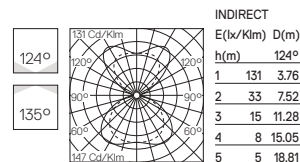
LED INCL.
NOT REPLACEABLE

3000K

Non Dimmable
09.5025.30
09.5025.02
09.5025.14
Dali Version
09.5025.30.DA
09.5025.02.DA
09.5025.14.DA

4000K

Non Dimmable
09.5026.30
09.5026.02
09.5026.14
Dali Version
09.5026.30.DA
09.5026.02.DA
09.5026.14.DA



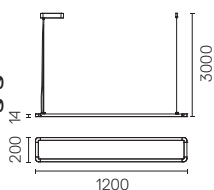
DIRECT	
E(lx/Klm)	D(m)
147	135°
1	147 4.83
2	37 9.66
3	16 14.49
4	9 19.31
5	6 24.14

Consumo total del sistema: 52W.
Total consumption of the system: 52W.

SUPER FLAT SUSPENSION 120X20 DOWN



TOP LED
3000K/CRI 80
4000K/CRI 80



Luminaria LED de iluminación general para ser instalada a techo mediante suspensión. Fuente de alimentación incluida.

General lighting LED luminaire to be suspended from ceiling. Power supply included.

3000K

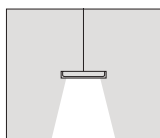
Flujo luminoso de la luminaria/
Luminous flux of luminaire:
Max. 3100 lm.

Eficiencia de la luminaria/
Luminous efficiency of luminaire:
Max. 60 lm/W.

4000K

Flujo luminoso de la luminaria/
Luminous flux of luminaire:
Max. 3285 lm.

Eficiencia de la luminaria/
Luminous efficiency of luminaire:
Max. 63 lm/W.



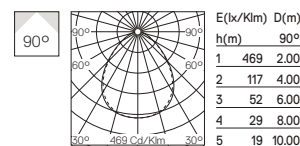
LED INCL.
NOT REPLACEABLE

3000K

Non Dimmable
09.5030.30
09.5030.02
09.5030.14
Dali Version
09.5030.30.DA
09.5030.02.DA
09.5030.14.DA

4000K

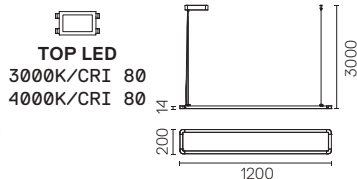
Non Dimmable
09.5031.30
09.5031.02
09.5031.14
Dali Version
09.5031.30.DA
09.5031.02.DA
09.5031.14.DA



Consumo total del sistema: 52W.
Total consumption of the system: 52W.

SUPER FLAT

SUPER FLAT SUSPENSION 120X20 UP&DOWN



TOP LED
3000K/CRI 80
4000K/CRI 80

Luminaria LED de iluminación general indirecta y directa para ser instalada a techo mediante suspensión. Fuente de alimentación incluida.

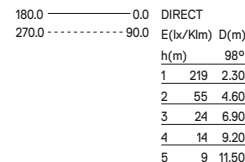
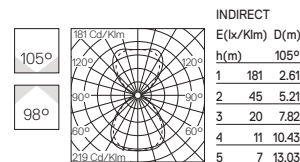
General lighting LED luminaire, direct and indirect beam, to be suspended from ceiling. Power supply included.

3000K

- Non Dimmable
- 09.5035.30
- 09.5035.02
- 09.5035.14
- Dali Version
- 09.5035.30.DA
- 09.5035.02.DA
- 09.5035.14.DA

4000K

- Non Dimmable
- 09.5036.30
- 09.5036.02
- 09.5036.14
- Dali Version
- 09.5036.30.DA
- 09.5036.02.DA
- 09.5036.14.DA



3000K

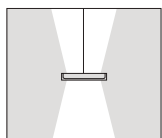
Flujo luminoso de la luminaria/
Luminous flux of luminaire:
UP: Max. 1850 lm.
DOWN: Max. 2060 lm.

Eficiencia de la luminaria/
Luminous efficiency of luminaire:
Max. 75 lm/W.

4000K

Flujo luminoso de la luminaria/
Luminous flux of luminaire:
UP: Max. 1900 lm.
DOWN: Max. 2180 lm.

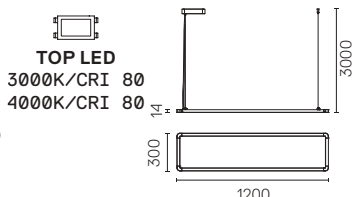
Eficiencia de la luminaria/
Luminous efficiency of luminaire:
Max. 80 lm/W.



LED INCL.
NOT REPLACEABLE

Consumo total del sistema: 52W.
Total consumption of the system: 52W.

SUPER FLAT SUSPENSION 120X30 DOWN



TOP LED
3000K/CRI 80
4000K/CRI 80

Luminaria LED de iluminación general para ser instalada a techo mediante suspensión. Fuente de alimentación incluida.

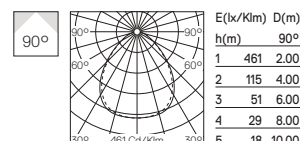
General lighting LED luminaire to be suspended from ceiling. Power supply included.

3000K

- Non Dimmable
- 09.5040.30
- 09.5040.02
- 09.5040.14
- Dali Version
- 09.5040.30.DA
- 09.5040.02.DA
- 09.5040.14.DA

4000K

- Non Dimmable
- 09.5041.30
- 09.5041.02
- 09.5041.14
- Dali Version
- 09.5041.30.DA
- 09.5041.02.DA
- 09.5041.14.DA

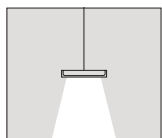


3000K

Flujo luminoso de la luminaria/
Luminous flux of luminaire:
Max. 4500 lm.
Eficiencia de la luminaria/
Luminous efficiency of luminaire:
Max. 88 lm/W.

4000K

Flujo luminoso de la luminaria/
Luminous flux of luminaire:
Max. 4770 lm.
Eficiencia de la luminaria/
Luminous efficiency of luminaire:
Max. 90 lm/W.

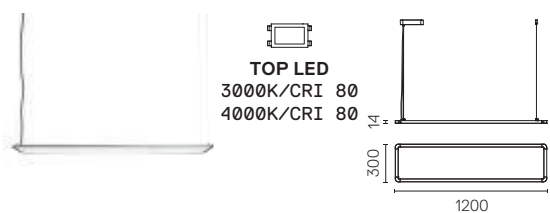


LED INCL.
NOT REPLACEABLE

Consumo total del sistema: 51W.
Total consumption of the system: 51W.

SUPER FLAT

SUPER FLAT SUSPENSION 120X30 UP&DOWN



Luminaria LED de iluminación general indirecta y directa para ser instalada a techo mediante suspensión. Fuente de alimentación incluida.

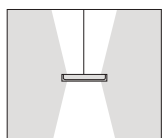
General lighting LED luminaire, direct and indirect beam, to be suspended from ceiling. Power supply included.

3000K
Flujo luminoso de la luminaria/
Luminous flux of luminaire:
UP: Max. 2380 lm.
DOWN: Max. 2725 lm.

Eficiencia de la luminaria/
Luminous efficiency of luminaire:
Max. 100 lm/W.

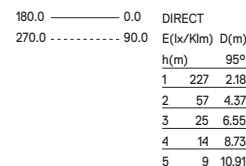
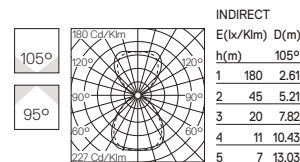
4000K
Flujo luminoso de la luminaria/
Luminous flux of luminaire:
UP: Max. 2520 lm.
DOWN: Max. 2890 lm.

Eficiencia de la luminaria/
Luminous efficiency of luminaire:
Max. 106 lm/W.



3000K
Non Dimmable
09.5045.30
09.5045.02
09.5045.14
Dali Version
09.5045.30.DA
09.5045.02.DA
09.5045.14.DA

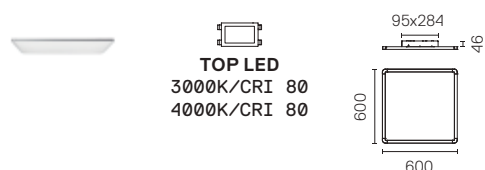
4000K
Non Dimmable
09.5046.30
09.5046.02
09.5046.14
Dali Version
09.5046.30.DA
09.5046.02.DA
09.5046.14.DA



LED INCL.
NOT REPLACEABLE

Consumo total del sistema: 55W.
Total consumption of the system: 55W.

SUPER FLAT SURFACE 60X60

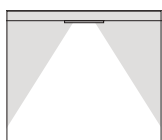


Luminaria LED de iluminación general para ser instalada a techo. Fuente de alimentación incluida.

Surface mounted general lighting LED luminaire. Power supply included.

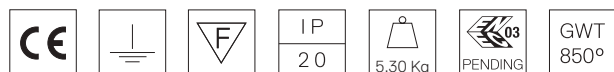
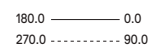
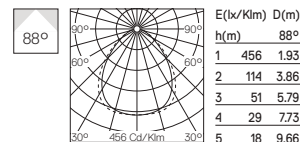
3000K
Flujo luminoso de la luminaria/
Luminous flux of luminaire:
Max. 3100 lm.
Eficiencia de la luminaria/
Luminous efficiency of luminaire:
Max. 75 lm/W.

4000K
Flujo luminoso de la luminaria/
Luminous flux of luminaire:
Max. 3285 lm.
Eficiencia de la luminaria/
Luminous efficiency of luminaire:
Max. 80 lm/W.



3000K
Non Dimmable
09.6010.30
09.6010.02
09.6010.14
Dali Version
09.6010.30.DA
09.6010.02.DA
09.6010.14.DA

4000K
Non Dimmable
09.6011.30
09.6011.02
09.6011.14
Dali Version
09.6011.30.DA
09.6011.02.DA
09.6011.14.DA

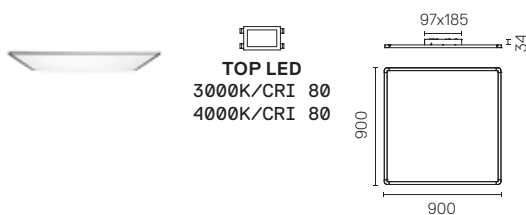


LED INCL.
NOT REPLACEABLE

Consumo total del sistema: 45W.
Total consumption of the system: 45W.

SUPER FLAT

SUPER FLAT SURFACE 90X90



Luminaria LED de iluminación general para ser instalada a techo.
Fuente de alimentación incluida.

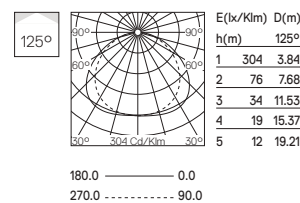
Surface mounted general lighting LED luminaire.
Power supply included.

3000K
Flujo luminoso de la luminaria/
Luminous flux of luminaire:
Max. 4600 lm.
Eficiencia de la luminaria/
Luminous efficiency of luminaire:
Max. 78 lm/W.

4000K
Flujo luminoso de la luminaria/
Luminous flux of luminaire:
Max. 4875 lm.
Eficiencia de la luminaria/
Luminous efficiency of luminaire:
Max. 80 lm/W.

- 3000K**
- Non Dimmable
 - 09.6020.30
 - 09.6020.02
 - 09.6020.14
 - Dali Version
 - 09.6020.30.DA
 - 09.6020.02.DA
 - 09.6020.14.DA

- 4000K**
- Non Dimmable
 - 09.6021.30
 - 09.6021.02
 - 09.6021.14
 - Dali Version
 - 09.6021.30.DA
 - 09.6021.02.DA
 - 09.6021.14.DA

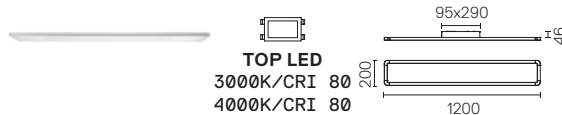


LED INCL.
NOT REPLACEABLE

Consumo total del sistema: 55W.
Total consumption of the system: 55W.

SUPER FLAT

SUPER FLAT SURFACE 120X20



TOP LED
3000K/CRI 80
4000K/CRI 80

Luminaria LED de iluminación general para ser instalada a techo.
Fuente de alimentación incluida.

Surface mounted general lighting LED luminaire.
Power supply included.

3000K

Flujo luminoso de la luminaria/
Luminous flux of luminaire:

Max. 3100 lm.

Eficiencia de la luminaria/
Luminous efficiency of luminaire:

Max. 60 lm/W.

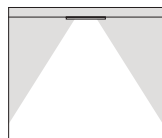
4000K

Flujo luminoso de la luminaria/
Luminous flux of luminaire:

Max. 3285 lm.

Eficiencia de la luminaria/
Luminous efficiency of luminaire:

Max. 63 lm/W.



LED INCL.
NOT REPLACEABLE

3000K

Non Dimmable

09.6030.30

09.6030.02

09.6030.14

Dali Version

09.6030.30.DA

09.6030.02.DA

09.6030.14. DA

4000K

Non Dimmable

09.6031.30

09.6031.02

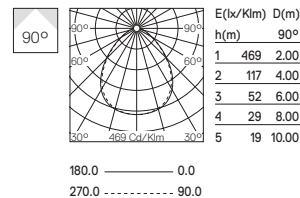
09.6031.14

Dali Version

09.6031.30.DA

09.6031.02.DA

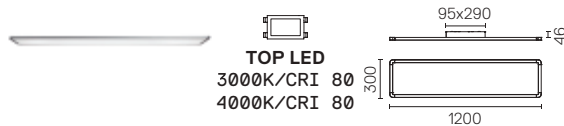
09.6031.14.DA



Consumo total del sistema: 55W.
Total consumption of the system: 55W.

SUPER FLAT

SUPER FLAT SURFACE 120X30



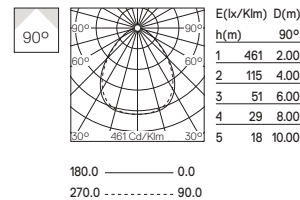
TOP LED
3000K/CRI 80
4000K/CRI 80

Luminaria LED de iluminación general para ser instalada a techo.
Fuente de alimentación incluida.

Surface mounted general lighting LED luminaire.
Power supply included.

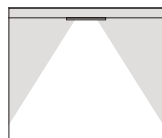
- 3000K**
- Non Dimmable
 - 09.6040.30
 - 09.6040.02
 - 09.6040.14
 - Dali Version
 - 09.6040.30.DA
 - 09.6040.02.DA
 - 09.6040.14.DA

- 4000K**
- Non Dimmable
 - 09.6041.30
 - 09.6041.02
 - 09.6041.14
 - Dali Version
 - 09.6041.30.DA
 - 09.6041.02.DA
 - 09.6041.14.DA



3000K
Flujo luminoso de la luminaria/
Luminous flux of luminaire:
Max. 4500 lm.
Eficiencia de la luminaria/
Luminous efficiency of luminaire:
Max. 88 lm/W.

4000K
Flujo luminoso de la luminaria/
Luminous flux of luminaire:
Max. 4770 lm.
Eficiencia de la luminaria/
Luminous efficiency of luminaire:
Max. 93 lm/W.








LED INCL.
NOT REPLACEABLE

Consumo total del sistema: 55W.
Total consumption of the system: 55W.

SUN

DESIGNED BY ANTONIO CITTERIO

<p>Versión Version</p>	<p>SUN 400 mm</p> 	<p>SUN 700 mm</p> 
<p>Fuentes de Luz Light Sources</p>	 <p>TL5-C 1x22W 1x40W</p>	 <p>T5 FQ 4xT5 24W + 2xTC-L 24W</p>
<p>Colores Colours</p>	<p><input type="checkbox"/> 40 Blanco 40 White</p> 	

Descripción

Luminaria empotrada de interiores de fácil instalación sobre techos de cartón yeso formada por una estructura circular sobre la que van posicionados módulos de iluminación directa de fluorescencia.

La geometría del difusor de la luminaria permite la total adaptación e integración del Sun a la superficie del techo de cartón yeso. Asimismo el sistema de iluminación mediante fluorescencia permite una iluminación confortable y sin sombras.

Sun está disponible en diámetro de 400mm y diámetro de 700mm.

Disponible en los acabados: blanco (40).

Fuentes de Luz

Fluorescencia:

- SUN 400mm:

Fluorescencia T5 circular, 1x22W + 1x40W.

- SUN 700mm:

Fluorescencia HO, 4xT5 24W + 2xTC-L 24W.

Unidades de Alimentación

Fuente de alimentación integrada:

- Versión estándar: Balasto electrónico de la potencia indicada 220/240V - 50/60Hz.

- Versión regulable 1-10V: Balasto electrónico regulable de la potencia indicada 220/240V - 50/60Hz.

- Versión regulable Dali Push dimming: Balasto electrónico regulable de la potencia indicada 220/240V - 50/60Hz.

Información Adicional

La luminaria está disponible en versión No Dimable, versión Dimable 1-10V y versión Dimable Dali Push Dimming. También está disponible la versión de emergencia, permitiendo que la luminaria permanezca encendida en el caso de que el suministro de energía falle.

Índice de protección IP20.

Clase de aislamiento I.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Recessed luminaire for indoor use, easy to mount on plasterboard ceilings, comprised of a circular structure which houses the direct fluorescent lighting modules.

The geometry of the luminaire diffuser permits total adaptation and integration of the Sun to the surface of the plasterboard ceiling. Likewise, the fluorescent lighting system permits comfortable shadow-free lighting.

Sun is available in 400mm and 700mm diameter.

Available finishes: white (40).

Light Sources

Fluorescent:

- SUN 400mm:

Fluorescence T5 circular, 1x22W + 1x40W.

- SUN 700mm:

Fluorescence HO, 4xT5 24W + 2xTC-L 24W.

Power Supply

Integrated power supply:

- Standard version: Electronic Gear of stated power, 220/240V - 50/60Hz.

- Dimmable versions:

- 1-10V: Dimmable electronic gear of stated power, 220/240V - 50/60Hz.

- Dali Push dimming: Dimmable electronic gear of stated power, 220/240V - 50/60Hz.

Additional Information

The luminaire is available in not dimmable, 1-10V dimmable and DALI (Push dimming) versions as well as with emergency kit.

IP20 protection grade.

Insulation class I.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

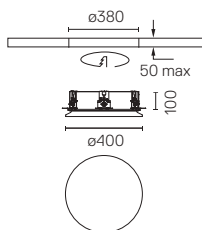


SUN

SUN 400 mm

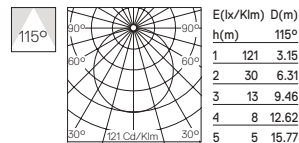


TL5-C
1x22W
1x40W

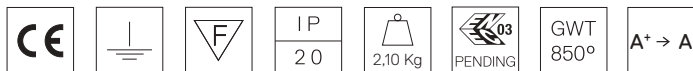


Luminaria empotrada de interiores de fácil instalación sobre techos de cartón yeso, formada por una estructura circular sobre los que van posicionados módulos de iluminación directa de fluorescencia.

- Non Dimmable
- 07.9600.40
- Dimmable 1-10V
- 07.9600.40.1V
- Dimmable Dali
- 07.9600.40.DA



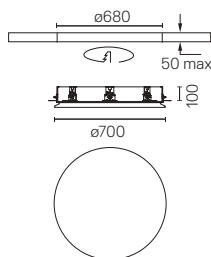
Recessed luminaire for indoor application. Easily mounted on plasterboard ceilings. Consists of a circular structure where fluorescent direct lighting modules are placed.



SUN 700 mm

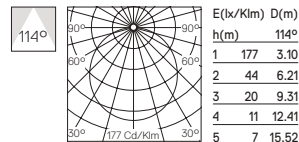


T5 FQ
4xT5 24W
+
2xTC-L 24W



Luminaria empotrada de interiores de fácil instalación sobre techos de cartón yeso, formada por una estructura circular sobre los que van posicionados módulos de iluminación directa de fluorescencia.

- T5 FQ
- Non Dimmable
 - 07.9620.40
 - Dimmable 1-10V
 - 07.9620.40.1V
 - Dimmable Dali
 - 07.9620.40.DA
 - Emergency
 - 07.9625.40













Recessed luminaire for indoor application. Easily mounted on plasterboard ceilings. Consists of a circular structure where fluorescent direct lighting modules are placed.



TUBULAR BELLS

DESIGNED BY PIERO LISSONI

Versión Version	TUBULAR BELLS 1 CEILING	TUBULAR BELLS 2 CEILING	TUBULAR BELLS PRO 1			
			CEILING	CEILING	SUSPENSION	WALL
						
Fuentes de Luz Light Sources	 QT-14 G9 MAX 40W	 QT-14 G9 MAX 40W  QT-12 GY6.35 MAX 50W	 PHOSPHOR LED 8,3W 720 lm 3000K CRI 80			

Colores Colours

Tubular Bells

09 Blanco
09 White



61 Aluminio Satinado
61 Brushed Aluminium



30 Negro Anodizado
30 Anodized Black



Tubular Bells Pro

11 Blanco
11 White



AS Aluminio Satinado
AS Brushed Aluminium



AN Negro Anodizado
AN Anodized Black



TUBULAR BELLS

Descripción

Luminarias de techo para iluminación directa. Cuerpo de la luminaria realizado en aluminio extruido. Disponen de zoom para regular el grado de abertura del haz luminoso. Las versiones 1/2 están disponibles en dos longitudes diferentes: 100 y 550mm. La versión LED y las versiones PRO disponen de cruceta apantalladora. Disponible en los acabados: blanco (09, 11), aluminio anodizado satinado (61, AS) y negro anodizado (30, AN).

Reflectores

Las versiones 1/2 disponen de reflector de aluminio tratado con chorro de arena y blanqueado químicamente. La versión LED dispone de reflector realizado en policarbonato metalizado con 2 ángulos de apertura.

Fuentes de Luz

LED:

- Phosphor LED, 8,3W.

Halógenas:

- QT-14, max 40W.

- QT-12, max 50W.

Unidades de Alimentación (Tubular Bells 2 / Pro)

Equipos electrónicos integrados en la luminaria.

LED:

- Transformador electrónico de corriente constante no regulable 220/240V - 50/60Hz.

Halógenas:

- Transformador electrónico de 20/105W - 220/240V - 50/60Hz con regulación de intensidad mediante dispositivo "leading and trailing edge" o "trailing edge" en función de la versión.

Accesorios

Para las versiones Tubular Bells 1/2 de 85mm de diámetro:
- filtros cromáticos (azul, celeste, ámbar, rojo).

Información Adicional

Dimensiones de las luminarias:

- Tubular Bells 1: longitud variable de 120mm (zoom cerrado) a 140 mm (zoom totalmente abierto).

- Tubular Bells 2: longitud variable de 570mm (zoom cerrado) a 590 mm (zoom totalmente abierto).

- Tubular Bells LED: longitud variable de 211mm (zoom cerrado) a 235 mm (zoom totalmente abierto).

Índice de protección IP20, IP65, según las versiones.

Clase de aislamiento I, II, según las versiones.

Instalable sobre superficies normalmente inflamables.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Ceiling luminaires for direct illumination. Body of the luminaire made of extrusion aluminium. Zoom lens available to regulate the opening grade of luminous beam. Versions 1/2 are available in two different lengths: 100 and 550mm. The LED version and the PRO versions have a crosshead shielded. Available finishes: white (09, 11), brushed aluminium (61, AS) and anodized black (30, AN).

Reflectors

Versions 1/2 have an aluminium reflector treated with sand blast and chemically whitened. The LED version has a reflector made of metallic polycarbonate with 2 opening angles.

Light Sources

LED:

- Phosphor LED, 8,3W.

Halogen:

- QT-14, max 40W.

- QT-12, max 50W.

Power Supply (Tubular Bells 2 / Pro)

Electronic equipments integrated in the luminaire.

LED:

- Electronic transformer of non-adjustable constant current 220/240V - 50/60Hz.

Halogen:

- Electronic transformer of 20/105W - 220/240V - 50/60Hz with intensity regulation through "leading and trailing edge" or "trailing edge" device, depending on version.

Accessories

For Tubular Bells 1/2 versions - ø85mm:
- chromatic filters (blue, sky blue, amber, red).

Additional Information

Dimensions of the luminaires:

- Tubular Bells 1: variable length from 120mm (closed zoom) to 140 mm (zoom fully opened).

- Tubular Bells 2: variable length from 570mm (closed zoom) to 590 mm (zoom fully opened).

- Tubular Bells LED: variable length from 211mm (closed zoom) to 235 mm (zoom fully opened).

IP20 or IP65 protection grade depending on the versions.

Insulation class I, II depending on the versions.

Suitable for installation on normally inflammable surfaces.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

TUBULAR BELLS

TUBULAR BELLS 1 CEILING



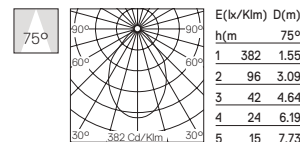
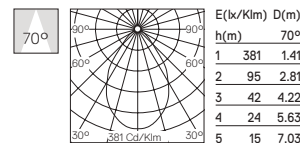
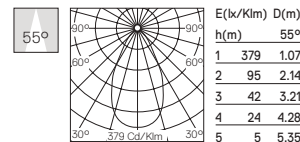
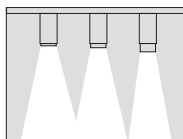
QT-14
G9
MAX 40W



Proyector de superficie para ser instalado a techo con alimentación directa a red.

□ F7650009
■ F7650061
■ F7650030

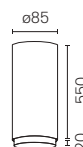
Spotlight to be installed on ceiling with main voltage source.



TUBULAR BELLS 2 CEILING



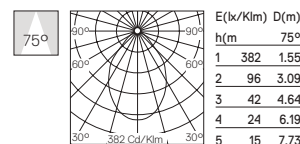
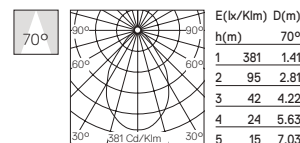
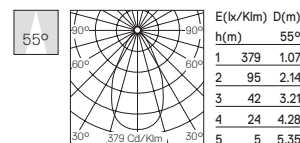
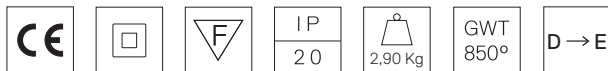
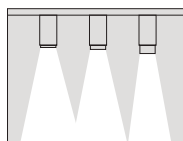
QT-14
G9
MAX 40W



Proyector de superficie para ser instalado a techo con alimentación directa a red.

□ F7651009
■ F7651061
■ F7651030

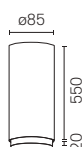
Spotlight to be installed on ceiling with main voltage source.



TUBULAR BELLS 2 CEILING



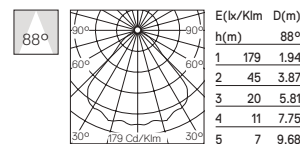
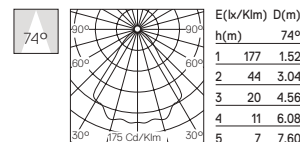
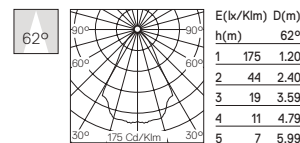
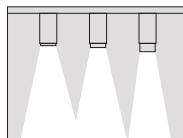
QT-12
GY6.35
MAX 50W



Proyector de superficie para ser instalado a techo. Transformador electrónico integrado 220/240V – 12V 50/60Hz. La intensidad luminosa puede ser ajustada mediante regulación "trailing edge".

□ F7671009
■ F7671061
■ F7671030

Surface spotlight to be installed on ceiling. Electronic transformer integrated 220/240V – 12V, 50/60Hz. The light intensity may be adjusted by means of "trailing edge" dimmer.

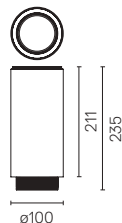


TUBULAR BELLS

TUBULAR BELLS PRO 1 CEILING



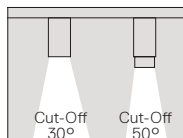
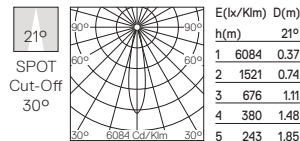
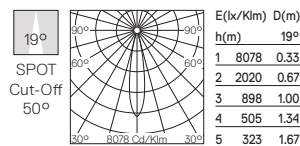
PHOSPHOR LED
8,3W
720 lm
3000K
CRI 80



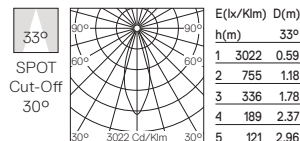
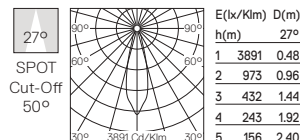
Luminaria de superficie LED para ser instalada a techo. Módulo LED de fósforo integrado. Transformador electrónico 220/240V integrado.

07.9450.11A
07.9450.ASA
07.9450.ANA

Surface luminaire to be installed on ceiling for LED. Phosphor LED module integrated. Electronic transformer 220/240V integrated.



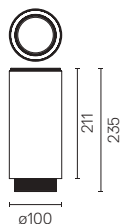
07.9451.11A
07.9451.ASA
07.9451.ANA



TUBULAR BELLS PRO 1 CEILING



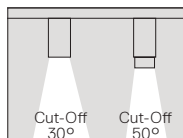
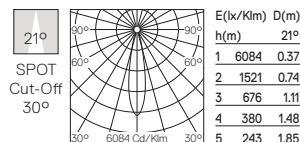
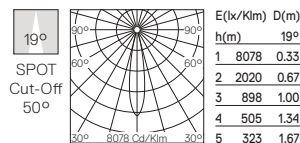
PHOSPHOR LED
8,3W
720 lm
3000K
CRI 80



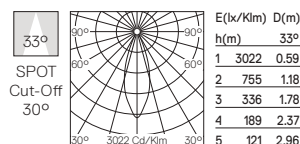
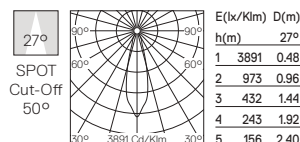
Luminaria de superficie LED para ser instalada a techo. Módulo LED de fósforo integrado. Transformador electrónico 220/240V integrado.

07.9455.11A
07.9455.ASA
07.9455.ANA

Surface luminaire to be installed on ceiling for LED. Phosphor LED module integrated. Electronic transformer 220/240V integrated.



07.9456.11A
07.9456.ASA
07.9456.ANA

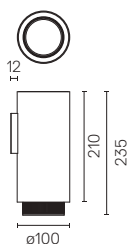


TUBULAR BELLS

TUBULAR BELLS PRO 1 WALL



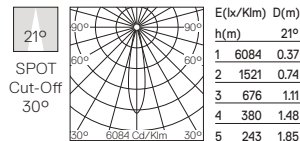
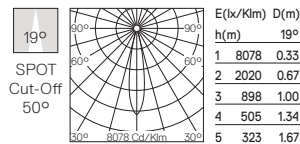
PHOSPHOR LED
8,3W
720 lm
3000K
CRI 80



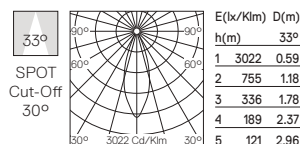
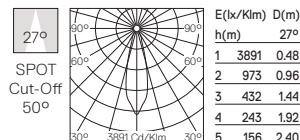
Luminaria para ser instalada a pared con fuente de luz LED. Fuente de alimentación 220-240V, 50-60Hz no regulable integrada en el cuerpo de la luminaria.

Luminaire for wall mounting with LED light source. Non-regulable 220-240V, 50-60Hz power supply integrated in luminaire body.

07.9480.11A
07.9480.ASA
07.9480.ANA



07.9481.11A
07.9481.ASA
07.9481.ANA

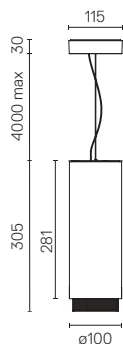


LED INCL.
NOT REPLACEABLE

TUBULAR BELLS PRO 1 SUSPENSION



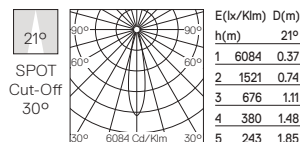
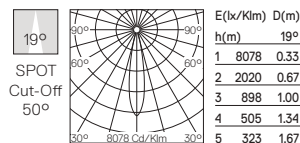
PHOSPHOR LED
8,3W
720 lm
3000K
CRI 80



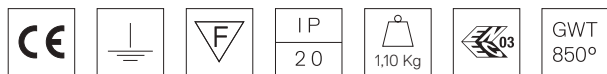
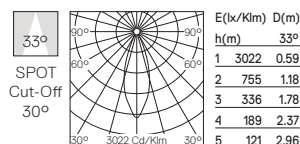
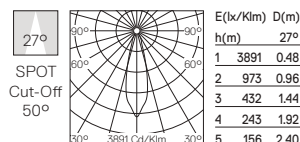
Luminaria de suspensión LED para ser instalada a techo. Módulo LED de fósforo integrado. Transformador electrónico 220/240V integrado.

Suspension luminaire to be installed on ceiling for LED. Phosphor LED module integrated. Electronic transformer 220/240V integrated.

07.9465.11A
07.9465.ASA
07.9465.ANA



07.9466.11A
07.9466.ASA
07.9466.ANA



LED INCL.
NOT REPLACEABLE

TUBULAR BELLS

ACCESORIOS / ACCESSORIES

Tubular Bells 1/2: Ø85

FILTRO AZUL
BLUE FILTER



F7655014

FILTRO CELESTE
SKY BLUE FILTER



F7655003

FILTRO ÁMBAR
AMBER FILTER



F7655070

FILTRO ROJO
RED FILTER



F7655035

DESIGNED BY ANTONIO CITTERIO

Versión Version	BACK 1	BACK 1 OPTICAL SWITCH	BACK 2	UP&DOWN	MINIKELVIN WALL FLEX	MINIKELVIN FLEX		
								
Fuentes de Luz Light Sources	 TOP LED 6W 426 lm 3000K CRI 80		 TOP LED 8W 553 lm 3000K CRI 80		 POWER LED 4W 2x150 lm 3000K CRI 82		 TOP LED 4W 216 lm 3000K CRI 85	


**Colores
Colours**

Wall System


 57 Cromo
57 Chrome



Minikelvin

 09 Blanco
09 White



 57 Cromo
57 Chrome

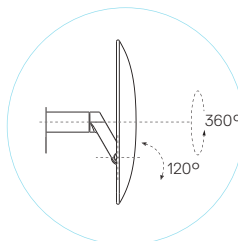


 30 Negro
30 Black



**Rotación
Rotation Features**

Puede ser orientado 120° y rotado 360°.
Can be swivelled 120° and rotated 360°.



Descripción

Familia de aparatos de iluminación para su instalación a pared y de luz indirecta (Wall System Back), directa con doble haz de luz (Wall System up & down) y de luz difusa (Wall System Minikelvin Flex y Minikelvin Wall Flex).

Wall System Back y Wall System Up & Down: cuerpo de aluminio fundido a presión con acabado cromado, sujeción a pared de PC estampado por inyección. El difusor es de metacrilato fotograbado internamente y estampado por inyección.

Wall System Minikelvin Flex: cabeza de aluminio fundido a presión, acabado cromado o pintado (blanco/negro). Va montada sobre un tubo flexible, difusor en metacrilato fotograbado externamente con moldura aluminizada.

Para los modelos Back, Up & Down y Minikelvin Flex, hay dos versiones disponibles: empotrado con controlador integrado, que está equipado con embellecedor de pared redondo (Ø125), color aluminio, blanco o negro, o, empotrado con controlador remoto, a ras de la pared sin embellecedor. La versión con controlador integrado utiliza indistintamente como encofrado las cajas para pared de mampostería o de pladur, que pueden encontrarse fácilmente en todos los mercados europeos. En el caso del mercado americano, se prevé su colocación en una "J-box" estándar.

Minikelvin Wall Flex: cabeza de aluminio fundido a presión cromado o pintado (blanco/negro) montado sobre un tubo flexible, difusor de metacrilato fotograbado externamente con moldura aluminizada. Fijación a pared en PC estampado por inyección.

Disponible en los acabados:

Wall System: cromo (57).

Minikelvin Wall Flex / Wall System Minikelvin Flex: blanco (09), cromo (57) y negro (30).

Fuentes de Luz

LED:

- Top LED, 4/6/8W.

- Power LED, 4W.

Unidades de Alimentación

Las versiones con controlador integrado disponen de un transformador electrónico de última generación.

Información Adicional

Índice de protección IP20.

Clase de aislamiento III.

Instalable sobre superficies normalmente inflamables.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Range of indirect-illumination (Wall System Back), dual-emission, direct-illumination (Wall System up & down) and diffuse illumination (Wall System Minikelvin Flex and Minikelvin Wall Flex) wall-mounted lighting devices.

Wall System Back and Wall System Up & Down: body in die-cast aluminium with chrome finish, wall attachment in injection-stamped PC. The diffuser is in injection-stamped, internally photo-etched methacrylate.

Wall System Minikelvin Flex: die-cast head in chrome finish or painted (black / white) mounted on flexible tube, diffuser in methacrylate externally photo-etched with aluminate frame.

For the Back, Up & Down and Minikelvin Flex models, two versions are available: recessed with integrated driver, which takes round wall ornamentals (Ø125) in aluminium, white or black colour, or recessed with remote driver, flush with wall without ornamental. The version with integrated driver uses as casing either masonry boxes or plaster board, widely available all over Europe. For the US market, housing in the standard J-box is envisaged.

Minikelvin Wall Flex: die-cast head in chrome finish or painted (black / white) mounted on flexible tube, diffuser in methacrylate externally photo-etched with aluminate frame. Wall attachment in injection-stamped PC.

Available finishes:

Wall System: chrome (57).

Minikelvin Wall Flex / Wall System Minikelvin Flex: white (09), chrome (57) and black (30).

Light Sources

LED:

- Top LED, 4/6/8W.

- Power LED, 4W.

Power Supply

Versions with integrated driver have a latest-generation electronic transformer.

Additional Information

IP20 protection grade.

Insulation class III.

Suitable for installation on normally inflammable surfaces.

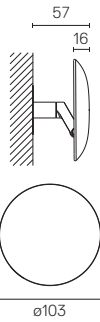
Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

WALL SYSTEM BACK 1 REMOTE POWER SUPPLY



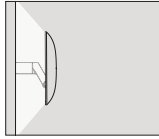
TOP LED
6W
426 lm
3000K
CRI 80



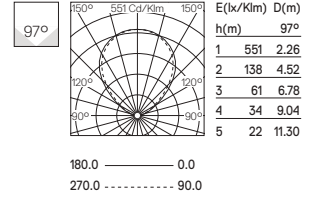
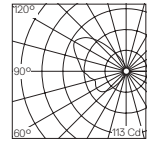
Aparato de iluminación para su instalación a ras de la pared con luz indirecta y controlador remoto.

F9492057

Indirect-illumination lighting device for installation flush with the wall with remote driver.



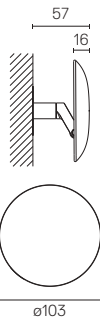
LED INCL.
NOT REPLACEABLE



WALL SYSTEM BACK 1 POWER SUPPLY INTEGRATED



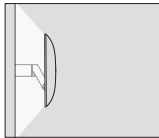
TOP LED
6W
426 lm
3000K
CRI 80



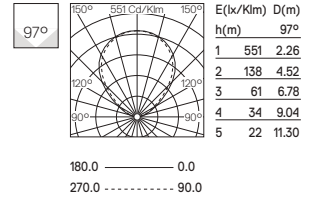
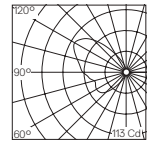
Aparato de iluminación para su instalación en la pared con luz indirecta y controlador integrado. Se complementa con un embellecedor redondo (ø125).

F9494057

Indirect-illumination lighting device for wall mounting with integrated driver and with round ornamental (ø125).



LED INCL.
NOT REPLACEABLE

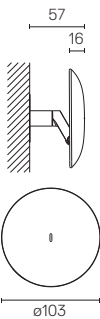


Ver accesorios disponibles.
See available accessories.

WALL SYSTEM BACK 1 REMOTE POWER SUPPLY OPTICAL SWITCH



TOP LED
6W
426 lm
3000K
CRI 80

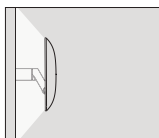


Aparato de iluminación para su instalación a ras de la pared con luz indirecta y controlador remoto.

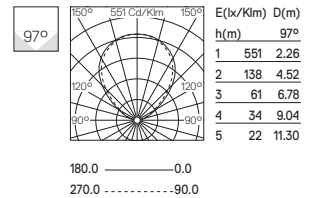
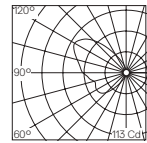
F9493057

Interruptor ON/OFF con tecnología Soft Touch y regulación del flujo luminoso de doble intensidad (100% -50%- 0%).

Indirect-illumination lighting device for installation flush with the wall with remote driver. ON/OFF switch with Soft Touch technology and light flow adjustment to 2 intensities (100% - 50% - 0%).



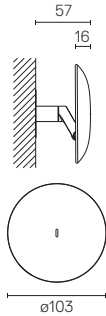
LED INCL.
NOT REPLACEABLE



WALL SYSTEM BACK 1 POWER SUPPLY INTEGRATED OPTICAL SWITCH



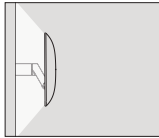
TOP LED
6W
426 lm
3000K
CRI 80



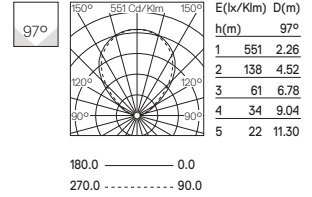
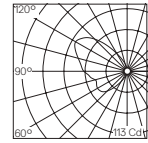
Aparato de iluminación para su instalación en la pared con luz indirecta y controlador integrado. Se complementa con un embellecedor redondo (ø125). Interruptor ON/OFF con tecnología Soft Touch y regulación del flujo luminoso de doble intensidad (100% -50%-0%).

F9497057

Indirect-illumination lighting device for wall mounting with integrated driver and with round ornamental (ø125). ON/OFF switch with Soft Touch technology and light flow adjustment to 2 intensities (100% - 50% - 0%).



LED INCL.
NOT REPLACEABLE

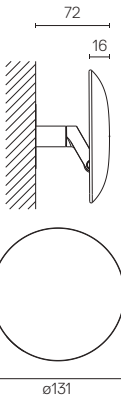


Ver accesorios disponibles.
See available accessories.

WALL SYSTEM BACK 2 REMOTE POWER SUPPLY



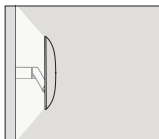
TOP LED
8W
553 lm
3000K
CRI 80



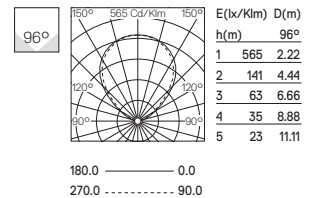
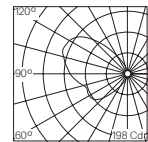
Aparato de iluminación para su instalación a ras de la pared con luz indirecta y controlador remoto.

F9466057

Indirect-illumination lighting device for installation flush with the wall with remote driver.



LED INCL.
NOT REPLACEABLE

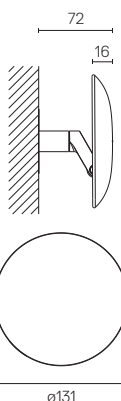


Ver accesorios disponibles.
See available accessories.

WALL SYSTEM BACK 2 POWER SUPPLY INTEGRATED



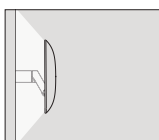
TOP LED
8W
553 lm
3000K
CRI 80



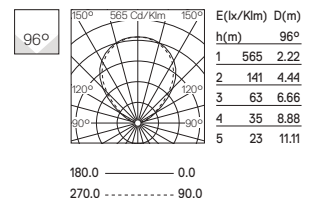
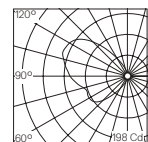
Aparato de iluminación para su instalación en la pared con luz indirecta y controlador integrado. Se complementa con un embellecedor redondo (ø125).

F9467057

Indirect-illumination lighting device for wall mounting with integrated driver and with round ornamental (ø125).



LED INCL.
NOT REPLACEABLE

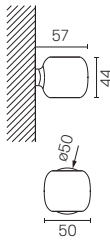


Ver accesorios disponibles.
See available accessories.

WALL SYSTEM UP&DOWN REMOTE POWER SUPPLY



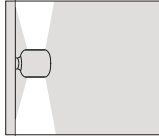
POWER LED
4W
2x150 lm
3000K
CRI 82



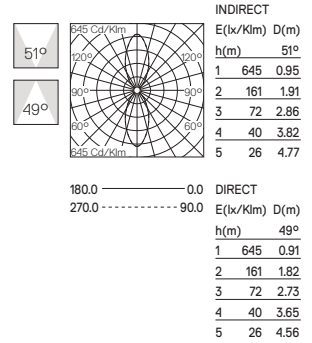
Aparato de iluminación para su instalación a ras de la pared con doble emisión de luz y controlador remoto.

F9477057

Lighting device with dual emission bulb for installation flush with the wall with remote driver.



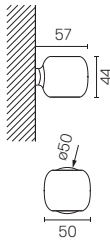
LED INCL.
NOT REPLACEABLE



WALL SYSTEM UP&DOWN POWER SUPPLY INTEGRATED



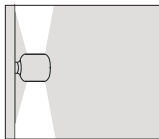
POWER LED
4W
2x150 lm
3000K
CRI 82



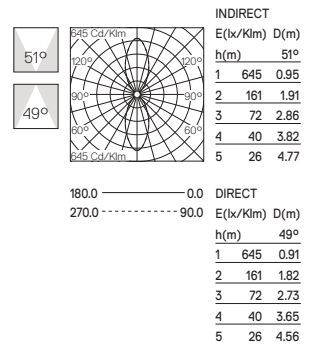
Aparato de iluminación para su instalación en la pared con doble emisión de luz y controlador integrado. Se complementa con un embellecedor redondo (ø125).

F9474057

Lighting device with dual emission bulb for wall mounting with remote driver and with round ornamental (ø125).



LED INCL.
NOT REPLACEABLE

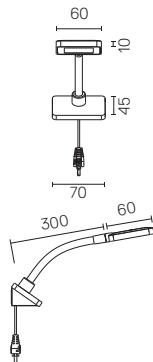


Ver accesorios disponibles.
See available accessories.

MINIKELVIN WALL FLEX



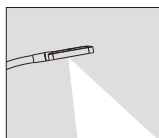
TOP LED
4W
216 lm
3000K
CRI 85



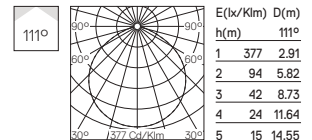
Aparato de iluminación para su instalación en la pared con luz difusa. Fijación a la pared de aluminio fundido a presión. El transformador se encuentra en el enchufe y el cable presenta una longitud útil de 200 cm. Interruptor ON/OFF con tecnología Soft Touch y regulación del flujo luminoso de doble intensidad (100% - 50% - 0%).

F4185009
F4185057
F4185030

Diffuse illumination lighting device for wall mounting Wall attachment in die-cast aluminium. The adaptor is on the plug and the useful cable length is 200 cm. ON/OFF switch with Soft Touch technology and light flow adjustment to 2 intensities (100% - 50% - 0%).



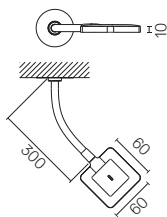
LED INCL.
NOT REPLACEABLE



WALL SYSTEM MINIKELVIN FLEX REMOTE POWER SUPPLY

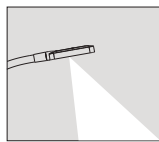
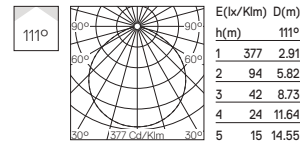


TOP LED
4W
216 lm
3000K
CRI 85



Aparato de iluminación para su instalación a ras de la pared con luz difusa y controlador remoto. Interruptor ON/OFF con tecnología Soft Touch y regulación del flujo luminoso de doble intensidad (100% -50%-0%).

F9478009
F9478057
F9478030



Diffuse illumination lighting device for installation flush with the wall with remote driver. ON/OFF switch with Soft Touch technology and light flow adjustment to 2 intensities (100% - 50% - 0%).

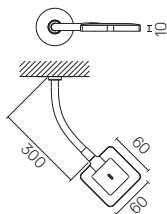


LED INCL.
NOT REPLACEABLE

WALL SYSTEM MINIKELVIN FLEX POWER SUPPLY INTEGRATED

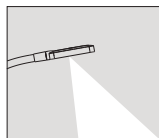
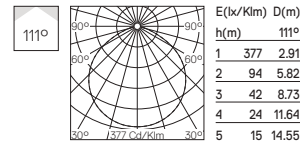


TOP LED
4W
216 lm
3000K
CRI 85



Aparato de iluminación para su instalación en la pared con luz difusa y controlador integrado. Se complementa con un embellecedor redondo (ø125). Interruptor ON/OFF con tecnología Soft Touch y regulación del flujo luminoso de doble intensidad (100% -50%-0%).

F9463009
F9463057
F9463030



Diffuse illumination lighting device for installation flush with the wall with integrated driver and with round ornamental (ø125). ON/OFF switch with Soft Touch technology and light flow adjustment to 2 intensities (100% - 50% - 0%).



LED INCL.
NOT REPLACEABLE

Ver accesorios disponibles.
See available accessories.

Accesorios
Accessories

Caja para empotrar con 3 módulos para mampostería, con dimensiones 119x80x50 mm.



80.8067

3-module flush mounted box for masonry, measuring 119x80x50 mm.

Caja para empotrar con 3 módulos para pladur, con dimensiones 110,2x68,8x53,7 mm.



80.8006

3-module flush mounted box for plaster-board wall, measuring 110.2x68.8x53.7 mm.

Equipos
Drivers

Transformador electrónico de tensión constante (24V) para LED. 220/240V, 50/60Hz.








8W
60.8079

Electronic transformer with constant voltage (24V) for LED. 220/240V, 50/60Hz.

FORT KNOX WALL

DESIGNED BY PHILIPPE STARCK

<p>Versión Version</p>		
<p>Fuentes de Luz Light Sources</p>	 HIT-DE-CRI RX7S 70/150W  QT-DE-12 R7S MAX 230W IRC	

<p>Colores Colours</p>	<p> 30 Blanco/RAL 9001 30 White</p>	<p> 05 Aluminio Pulido 05 Polished Aluminium</p>	<p> 14 Negro/RAL 9005 14 Black</p>
			

Descripción

Luminaria de pared para luz indirecta.
Cuerpo realizado en aleación de aluminio inyectado a presión con acabado pulido a mano y protegido por pintura líquida transparente o barniz en polvo de color blanco o negro mate.
Soporte de pared realizado en aluminio inyectado. Permite la regulación tanto en horizontal como en vertical para garantizar la correcta instalación de la luminaria.
Incorpora pletina de apantallamiento móvil para poder regular el haz luminoso hacia la pared donde se instala el producto.
Cristal templado superior de 3 mm de espesor.
Disponible en los acabados: blanco (30), aluminio pulido (05) y negro (14).

Reflectores

Reflectores asimétricos de aluminio anodizado color plateado con acabado mate.

Fuentes de Luz

De descarga lineal:

- HIT-DE-CRI, 70/150W.

Halógena lineal:

- QT-DE-12, max 230W IRC.

Unidades de Alimentación

En la versión de halógeno metálico balasto electrónico 220/240V, 50/60Hz incorporado.
La versión halógena es de alimentación directa a red.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Luminary for wall application designed for indirect lighting.
Die-cast aluminium alloy body with hand polished finish and protected with transparent liquid paint, or powder-coated white or matt black.
Wall support made in injected aluminium. It allows both horizontal and vertical regulation to guarantee the correct installation of the luminaire. It incorporates a mobile lighting plate to regulate the luminous beam towards the wall where the product installed.
3 mm thickness tempered glass.
Available finishes: white (30), polished aluminium (05) and black (14).

Reflectors

Anodized aluminum asymmetrical reflectors painted silver with matt finish.

Light Sources

Linear discharge:

- HIT-DE-CRI, 70/150W.

Linear halogen:

- QT-DE-12, max 230W IRC.

Power Supply

In discharge version, electronic ballast 220/240V, 50/60Hz integrated.
The halogen version is with main voltage source.

Standard Compliance and Quality Marks

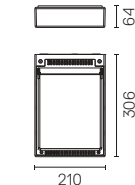
EN60598-1 European Technical Standards and any subsequent additions.



FORT KNOX WALL



HIT-DE-CRI
RX7S
70/150W

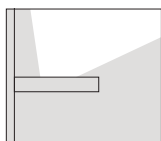


Aplique de pared de luz indirecta. Balasto 220-240V, 50/60Hz integrado.

Wall application luminaire for indirect light.
Electronic control gear 220-240V, 50/60Hz integrated.

70W
 09.2100.30
 09.2100.05
 09.2100.14

150W
 09.2101.30
 09.2101.05
 09.2101.14



Crerios: Número de luminarias n>5
 Criteria: Number of luminaires n>5
 Anchura del techo 3 m
 Width of the ceiling 3 m
 Distancia al techo (m)
 Distance to the ceiling (m)

1,50	1,50	2,00	2,00
------	------	------	------

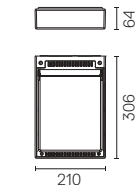
Interdistancia entre luminarias (m)			
Distance between the luminaires (m)			
1,50	2,00	2,00	2,50

Iluminancia HIT-DE-CRI 70W (lx)			
Illuminance HIT-DE-CRI 70W (lx)			
403	303	256	210

Iluminancia HIT-DE-CRI 150W (lx)			
Illuminance HIT-DE-CRI 150W (lx)			
778	586	484	397



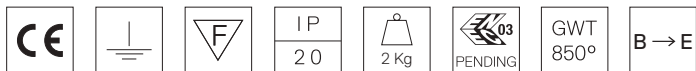
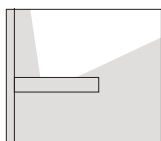
QT-DE-12
R7S
MAX 230W
IRC



Aplique de pared de luz indirecta con alimentación directa a red.

Wall application luminaire for indirect light with main voltage source.

09.2102.30
 09.2102.05
 09.2102.14



Crerios: Número de luminarias n>5
 Criteria: Number of luminaires n>5
 Anchura del techo 3 m
 Width of the ceiling 3 m
 Distancia al techo (m)
 Distance to the ceiling (m)

1,50	1,50	2,00	2,00
------	------	------	------

Interdistancia entre luminarias (m)			
Distance between the luminaires (m)			
1,50	2,00	2,00	2,50





Iluminancia QT-DE-12 160W (lx)			
Illuminance QT-DE-12 160W (lx)			
217	163	136	112

Iluminancia QT-DE-12 230W (lx)			
Illuminance QT-DE-12 230W (lx)			
328	247	206	169

KAP SURFACE / SUSPENSION

DESIGNED BY FLOS ARCHITECTURAL

Versión Version	CEILING Ø100	WALL Ø100	SUSPENSION Ø100	CEILING Ø115	WALL Ø115	SUSPENSION Ø115	WALL Ø115
							
Fuentes de Luz Light Sources	 POWER LED 9W 850 lm 3000K CRI 80			 QT-14 G9 MAX 48W ES			 QT-14 G9 MAX 2x33W ES

Colores Colours				
Exterior / Outside	<input type="checkbox"/> 11 Blanco 11 White	<input type="checkbox"/> AS Aluminio Satinado AS Brushed Aluminium	<input type="checkbox"/> AN Negro AN Black	<input type="checkbox"/> B3 Marrón B3 Brown
Interior / Inside	<input type="checkbox"/> Blanco White	<input type="checkbox"/> Oro Mate Matt Gold	<input type="checkbox"/> Azul Blue	<input type="checkbox"/> Negro Black
				

KAP SURFACE / SUSPENSION

Descripción

Luminaria de iluminación directa para ser instalada a techo, a pared o suspendida. Cuerpo de la luminaria realizado en aluminio extruido.

La versión con LED dispone de un reflector interior realizado en policarbonato pintado por la parte interna. Además incorpora una lente difusora realizada en policarbonato opal para ofrecer una luz uniforme.

Las versiones para lámpara halógena disponen de reflector realizado en aluminio pintado y cristal difusor realizado en cristal con acabado arenado.

Disponibles en combinación de acabados exteriores anodizados o pintados y acabados interiores del reflector.

Acabados exteriores: blanco (11), aluminio satinado (AS), negro (AN) y marrón (B3).

Acabados interiores: blanco, oro mate, azul y negro.

Reflectores

En versión con LED dispone de un reflector realizado en policarbonato metalizado.

En las versiones para lámpara halógena dispone de un reflector simétrico realizado en aluminio con acabado especular.

Fuentes de Luz

LED:

- Power LED, 9W.

Halógenas:

- QT-14, max 48W ES / max 2x33 ES.

Unidades de Alimentación

En la versión con LED, transformador electrónico de corriente constante no regulable 220/240V - 50/60Hz.

Información Adicional

Índice de protección IP20.

Clase de aislamiento I.

Instalable sobre superficies normalmente inflamables.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Luminaire for direct lighting to be installed on ceilings, wall or in suspension. Body of the luminaire made of extruded aluminium.

The LED version has an interior reflector made of polycarbonate painted inside. Besides, it incorporates a diffuser lens made of opal polycarbonate which offers a uniform light.

The halogen lamp versions have a reflector made of painted aluminium and a glass diffuser made of glass with sandblasted finish.

Combinations of exterior finishes available anodized or painted and the interior finishes of the reflector.

Exterior finishes: white (11), brushed aluminium (AS) black (AN) and brown (B3).

Interior finishes: white, matt gold, blue and black.

Reflectors

LED Version has a reflector made of metallic polycarbonate.

Versions for halogen lamp have a symmetric reflector made of aluminium with specular finish.

Light Sources

LED:

- Power LED, 9W.

Halogen:

- QT-14, max 48W ES / max 2x33 ES.

Power Supply

The LED Version has an electronic transformer with non-adjustable constant current 220/240V - 50/60Hz.

Additional Information

IP20 protection grade.

Insulation class I.

Suitable for installation on normally inflammable surfaces.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

KAP SURFACE / SUSPENSION

KAP SURFACE CEILING



POWER LED
9W
850 lm
3000K
CRI 80



Luminaria para ser instalada a techo con fuente de luz LED. Fuente de alimentación 220-240V, 50-60Hz no regulable integrada en el cuerpo de la luminaria.

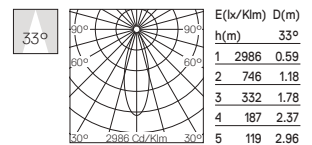
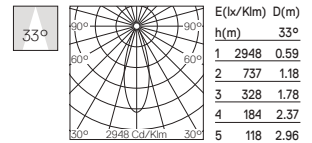
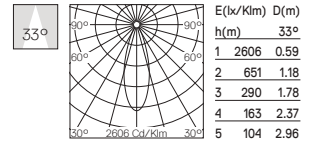
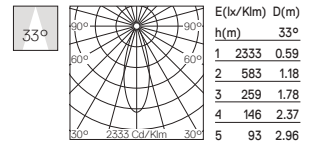
E	I	Code
White	White	03.4520.11A
White	Black	03.4520.ASA
White	Grey	03.4520.ANA
White	Black	03.4520.B3A

Luminaire for mounting in ceiling with LED light source. Non-regulable 220-240V, 50-60Hz power supply integrated in luminaire body.

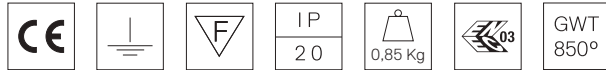
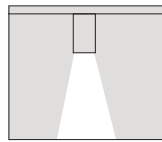
E	I	Code
White	White	03.4521.11A
White	Black	03.4521.ASA
White	Grey	03.4521.ANA
White	Black	03.4521.B3A

E	I	Code
White	Blue	03.4522.11A
White	Black	03.4522.ASA
White	Grey	03.4522.ANA
White	Black	03.4522.B3A

E	I	Code
White	Black	03.4523.11A
White	Black	03.4523.ASA
White	Black	03.4523.ANA
White	Black	03.4523.B3A



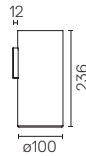
LED INCL.
NOT REPLACEABLE



KAP SURFACE WALL



POWER LED
9W
850 lm
3000K
CRI 80



Luminaria para ser instalada a pared con fuente de luz LED. Fuente de alimentación 220-240V, 50-60Hz no regulable integrada en el cuerpo de la luminaria.

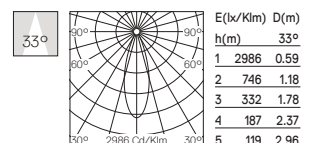
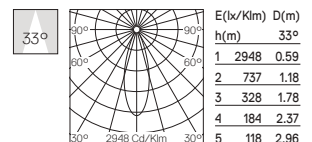
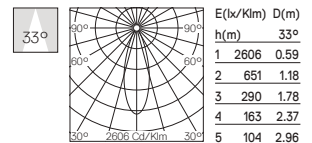
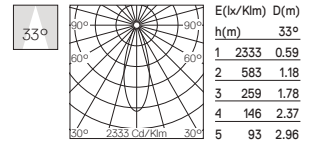
E	I	Code
White	White	03.5730.11A
White	Black	03.5730.ASA
White	Grey	03.5730.ANA
White	Black	03.5730.B3A

Luminaire for wall mounting with LED light source. Non-regulable 220-240V, 50-60Hz power supply integrated in luminaire body.

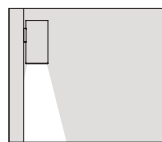
E	I	Code
White	White	03.5731.11A
White	Black	03.5731.ASA
White	Grey	03.5731.ANA
White	Black	03.5731.B3A

E	I	Code
White	Blue	03.5732.11A
White	Black	03.5732.ASA
White	Grey	03.5732.ANA
White	Black	03.5732.B3A

E	I	Code
White	Black	03.5733.11A
White	Black	03.5733.ASA
White	Black	03.5733.ANA
White	Black	03.5733.B3A



LED INCL.
NOT REPLACEABLE



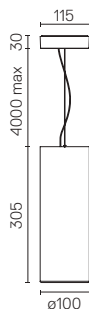
E= Acabado Externo / I= Acabado Interno.
E= External Finish / I= Internal Finish.

KAP SURFACE / SUSPENSION

KAP SUSPENSION



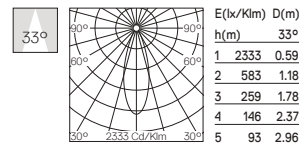
POWER LED
9W
850 lm
3000K
CRI 80



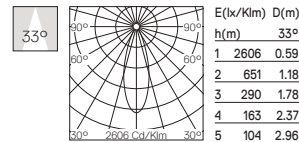
Luminaria suspendida para ser instalada a techo con fuente de luz LED. Fuente de alimentación 220-240V, 50/60Hz no regulable integrada en el cuerpo de la luminaria.

Hanging luminaire for mounting in ceiling with LED light source. Non-regulable 220-240V, 50/60Hz power supply integrated in luminaire body.

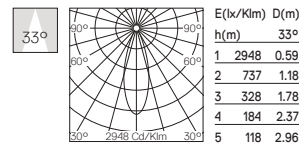
E	I	
□	□	03.5810.11A ●
□	□	03.5810.ASA ●
□	□	03.5810.ANA ●
□	□	03.5810.B3A



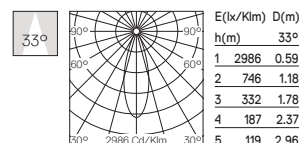
E	I	
□	□	03.5811.11A ●
□	□	03.5811.ASA ●
□	□	03.5811.ANA ●
□	□	03.5811.B3A



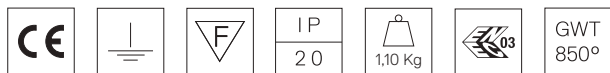
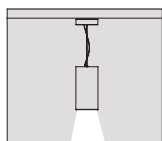
E	I	
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□	□	03.5812.ASA
□	□	03.5812.ANA
□	□	03.5812.B3A



E	I	
□	□	03.5813.11A
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□	□	03.5813.ANA
□	□	03.5813.B3A



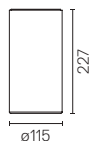
LED INCL.
NOT REPLACEABLE



KAP SURFACE CEILING



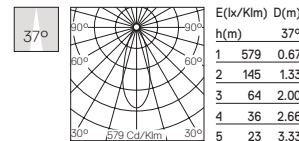
QT-14
G9
MAX 48W ES



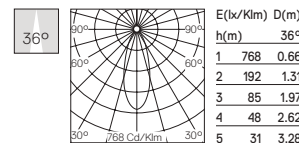
Luminaria de superficie para ser instalada a techo con alimentación directa a red.

Surface luminaire to be installed on ceiling with main voltage source.

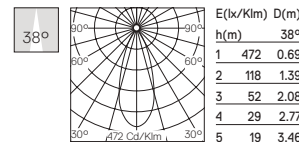
E	I	
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□	□	03.4510.AS ●
□	□	03.4510.AN ●
□	□	03.4510.B3



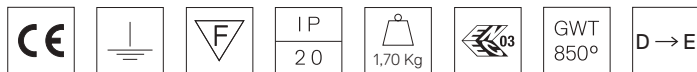
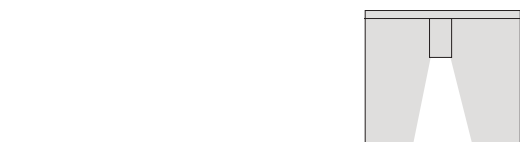
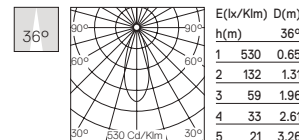
E	I	
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□	□	03.4511.AS ●
□	□	03.4511.AN ●
□	□	03.4511.B3



E	I	
□	□	03.4512.11
□	□	03.4512.AS
□	□	03.4512.AN
□	□	03.4512.B3



E	I	
□	□	03.4513.11
□	□	03.4513.AS
□	□	03.4513.AN
□	□	03.4513.B3



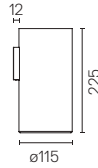
E= Acabado Externo / I= Acabado Interno.
E= External Finish / I= Internal Finish.

KAP SURFACE / SUSPENSION

KAP SURFACE WALL



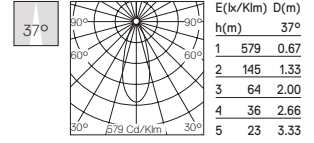
QT-14
G9
MAX 48W ES



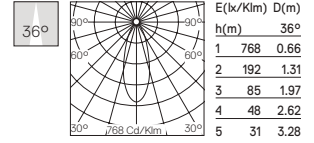
Luminaria de pared para luz directa con alimentación directa a red.

Luminaire to be installed on wall for direct light with main voltage source.

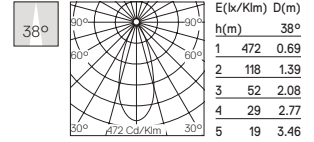
E	I	
White	White	03.5700.11
White	Black	03.5700.AS
White	Grey	03.5700.AN
Black	Black	03.5700.B3



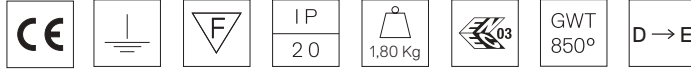
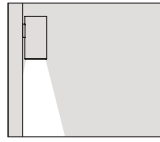
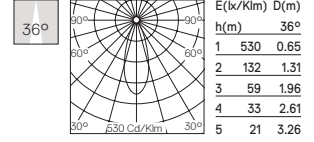
E	I	
White	White	03.5701.11
White	Black	03.5701.AS
White	Grey	03.5701.AN
Black	Black	03.5701.B3



E	I	
White	White	03.5702.11
White	Black	03.5702.AS
White	Grey	03.5702.AN
Black	Black	03.5702.B3



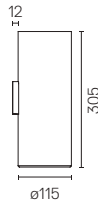
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White	Black	03.5703.AS
White	Grey	03.5703.AN
Black	Black	03.5703.B3



KAP SURFACE WALL



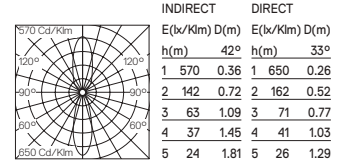
QT-14
G9
MAX 2x33W ES



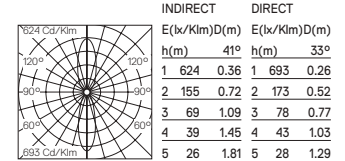
Luminaria de pared para luz directa con alimentación directa a red

Luminaire to be installed on wall for direct light with main voltage source.

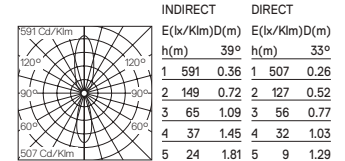
E	I	
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White	Black	03.5710.AS
White	Grey	03.5710.AN
Black	Black	03.5710.B3



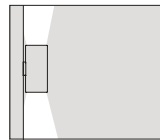
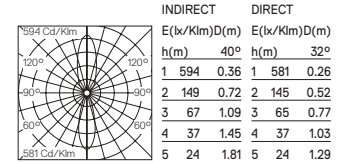
E	I	
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White	Black	03.5711.AS
White	Grey	03.5711.AN
Black	Black	03.5711.B3



E	I	
White	White	03.5712.11
White	Black	03.5712.AS
White	Grey	03.5712.AN
Black	Black	03.5712.B3



E	I	
White	White	03.5713.11
White	Black	03.5713.AS
White	Grey	03.5713.AN
Black	Black	03.5713.B3



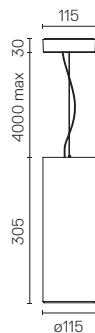
E= Acabado Externo / I= Acabado Interno.
E= External Finish / I= Internal Finish.

KAP SURFACE / SUSPENSION

KAP SUSPENSION



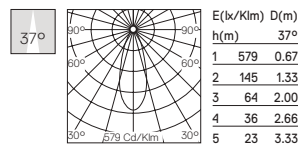
QT-14
G9
MAX 48W ES



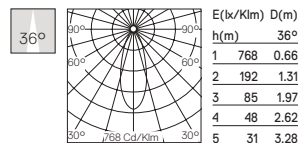
Luminaria de suspensión con alimentación directa a red.

Suspension luminaire with main voltage source.

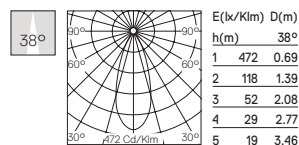
E	I	
White	White	03.5800.11
White	Black	03.5800.AS
White	Grey	03.5800.AN
White	Black	03.5800.B3



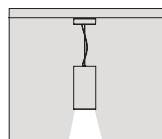
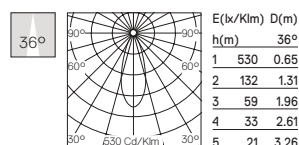
E	I	
White	White	03.5801.11
White	Black	03.5801.AS
White	Grey	03.5801.AN
White	Black	03.5801.B3



E	I	
White	White	03.5802.11
White	Black	03.5802.AS
White	Grey	03.5802.AN
White	Black	03.5802.B3




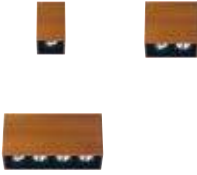






E	I	
White	White	03.5803.11
White	Black	03.5803.AS
White	Grey	03.5803.AN
White	Black	03.5803.B3



E= Acabado Externo / I= Acabado Interno.
E= External Finish / I= Internal Finish.

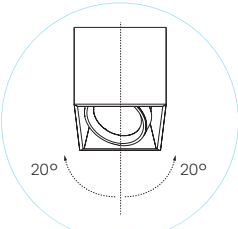
COMPASS BOX

DESIGNED BY FLOS ARCHITECTURAL

<p>Versión Version</p>	<p>COMPASS BOX SMALL 1L / 2L / 4L / 4L SQUARE</p> 	<p>COMPASS BOX SMALL 1L / 2L / 4L</p> 	<p>COMPASS BOX LARGE H:135 1L / 2L / 4L / 4L SQUARE</p> 	<p>COMPASS BOX LARGE H:160 1L / 2L / 4L / 4L SQUARE</p> 
<p>Fuentes de Luz Light Sources</p>	 <p>LED ARRAY 7W 660 1m 3000K CRI 80</p>	 <p>QR-CBC 51 GX5.3 MAX 35W - OR - LED QR-CBC 51 7/10W</p>	 <p>QR-111 G53 MAX 75W - OR - LED QR-111</p>	 <p>CDM-R111 GX8.5 35/70W</p>

<p>Versión Version</p>	<p>COMPASS BOX T5 + SPOTS</p> 	<p>COMPASS BOX T5 SUSPENSION + SPOTS</p> 
<p>Fuentes de Luz Light Sources</p>	 <p>T5 FH/FQ G5 28W-FH 54W-FQ</p>	 <p>QR-CBC 51 GX5.3 MAX 4x35W - OR - LED QR-CBC 51 7/10W</p>

<p>Colores Colours</p>	<p> 30 Blanco Mate/RAL 9001 30 Matt White</p> 	<p> 14 Negro Mate/RAL 9005 14 Matt Black</p> 	<p> 29 Aluminio Anodizado 29 Anodized Aluminium</p> 
	<p> WG Wenge WG Wenge</p> 	<p> TK Teca TK Teak</p> 	

<p>Rotación Rotation Features</p>	 <p>Puede ser orientado 20°. Can be swivelled 20°.</p>
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COMPASS BOX

Descripción

Sistema de iluminación de uno, dos y cuatro focos orientables para ser instalados a pared, a techo o suspendidos.

Preparado para fuentes de iluminación halógena a baja tensión, halogenuro metálico, lámparas fluorescentes y LED Array.

La versión para lámpara fluorescente lineal T5 está disponible con difusor microprismado.

Cuerpo óptico en acero estampado pintado con pintura negra y estructura exterior realizada en extrusión de aluminio con sistema de fijación a techo.

Conexión eléctrica y equipos de control incorporados en la luminaria.

Disponible en los acabados: blanco mate (30), negro mate (14), aluminio anodizado (29), wenge (WG) y teca (TK).

Fuentes de Luz

LED:

- LED Array, 7W.

Halógenas:

- QR-CBC 51, max 35W. (Es posible hacer un retrofit con lámparas LED convencionales).

- QR-111, max 75W. (Es posible hacer un retrofit con lámparas LED convencionales).

* Retrofit recomendado solo con lámparas de FLOS.

De descarga:

- CDMR-111, 35/70W.

Fluorescencia:

- T5 FH/FQ, 28/54W.

Unidades de Alimentación

LED:

- Fuente de alimentación de corriente constante 220/240V, 50/60Hz no regulable integrada. Alimentación a 350 mA.

Halógenas:

- Transformador electrónico de 20/105W - 220/240V - 50/60Hz con regulación de intensidad mediante dispositivo "trailing edge".

De descarga:

- Unidad electrónica de última generación de la potencia indicada 220/240V - 50/60Hz.

Fluorescencia:

- Versión estándar. Balasto electrónico de la potencia indicada 220/240V - 50/60Hz.

- Versión regulable. Balasto electrónico regulable de la potencia indicada 220/240V - 50/60Hz. Sistema de dimado digital DSI/ SwitchDIM.

- Versión regulable Dali. Balasto electrónico regulable de la potencia indicada 220/240V - 50/60Hz. Sistema de dimado digital DSI/ SwitchDIM/Dali.

Accesorios

- cilindro de apantallamiento con cruceta rotacional incorporada.

- rejilla antideslumbramiento realizada en celdas de aluminio.

Información Adicional

Disponible en dos alturas.

Sistema de orientación que permite la orientación a 40° en todas las direcciones.

Índice de protección IP20.

Clase de aislamiento I,II, según las versiones.

Instalable sobre superficies normalmente inflamables.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Wall/ceiling/suspension luminaires with 1, 2 or 4 adjustable lights.

Prepared for low-voltage halogen light sources, metal-halide source, fluorescent lamps and LED array.

T5 fluorescent version is available with prismatic diffuser.

Pressed steel, black-painted optical body and extruded-aluminum outer structure with fixing system.

Electrical connection and control devices incorporated in the luminaire.

Available finishes: matt white (30), matt black (14), anodized aluminium (29), wenge (WG) and teak (TK).

Light Sources

LED:

- LED Array, 7W.

Halogen:

- QR-CBC 51, max 35W. (Retrofit possible with conventional LED lamps).

- QR-111, max 75W. (Retrofit possible with conventional LED lamps).

* Retrofit recommended only with FLOS lamps.

Discharge:

- CDM-R111, 35/70W.

Fluorescent:

- T5 FH/FQ, 28/54W.

Power Supply

LED:

- Built-in, non-regulable constant current power supply of 220/240V, 50/60Hz. 350 mA current.

Halogen:

- Electronic transformer of 20/105W - 220/240V - 50/60Hz with intensity regulation through "leading and trailing edge" device.

Discharge:

- Last generation electronic power supply of power levels 220/240V - 50/60Hz.

Fluorescent:

- Standard version. Electronic ballast, power levels 220/240V - 50/60Hz.

- Adjustable version. Adjustable electronic ballast power levels 220/240V - 50/60Hz. Digital adjustable system DSI/ Switch DIM.

- Dali adjustable version. Adjustable electronic ballast. Power levels 220/240V - 50/60Hz. Digital adjustable system DSI/ Switch DIM/Dali.

Accessories

- screening cylinder and incorporated black thermoplastic rotating pin.

- anti-glare screen with aluminum cells.

Additional Information

Two heights.

0-20° adjustment in all directions.

IP20 protection grade.

Insulation class I, II depending on the versions.

Suitable for installation on normally inflammable surfaces.

Standard Compliance and Quality Marks

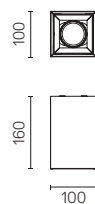
EN60598-1 European Technical Standards and any subsequent additions.

COMPASS BOX

COMPASS BOX SMALL 1L



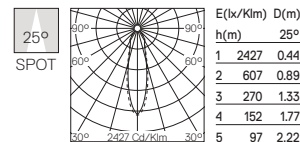
LED ARRAY
7W
660 1m
3000K
CRI 80



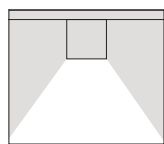
Proyector de superficie para ser instalado a techo/pared con fuente de luz LED. Fuente de alimentación 220-240V, 50-60Hz no regulable integrada en el cuerpo de la luminaria.

Surface spotlight to be installed on ceiling/wall with LED light source. Non-regulable 220-240V, 50-60Hz power supply integrated in luminaire body.

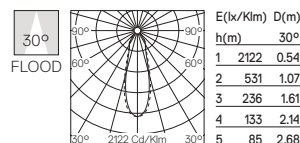
- 03.2630.30
- 03.2630.29
- 03.2630.14
- 03.2630.WG
- 03.2630.TK



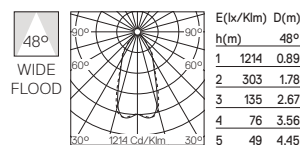
LED INCL.
NOT REPLACEABLE



- 03.2631.30
- 03.2631.29
- 03.2631.14
- 03.2631.WG
- 03.2631.TK



- 03.2632.30
- 03.2632.29
- 03.2632.14
- 03.2632.WG
- 03.2632.TK

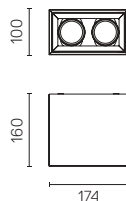


180.0 — 0.0
270.0 - - - - - 90.0

COMPASS BOX SMALL 2L



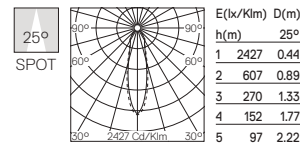
LED ARRAY
2x7W
2x660 1m
3000K
CRI 80



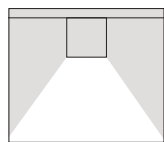
Proyector de superficie para ser instalado a techo/pared con fuente de luz LED. Fuente de alimentación 220-240V, 50-60Hz no regulable integrada en el cuerpo de la luminaria.

Surface spotlight to be installed on ceiling/wall with LED light source. Non-regulable 220-240V, 50-60Hz power supply integrated in luminaire body.

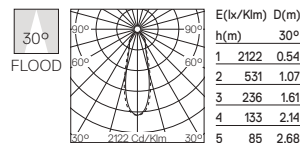
- 03.2635.30
- 03.2635.29
- 03.2635.14
- 03.2635.WG
- 03.2635.TK



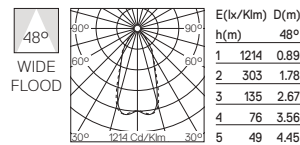
LED INCL.
NOT REPLACEABLE



- 03.2636.30
- 03.2636.29
- 03.2636.14
- 03.2636.WG
- 03.2636.TK



- 03.2637.30
- 03.2637.29
- 03.2637.14
- 03.2637.WG
- 03.2637.TK

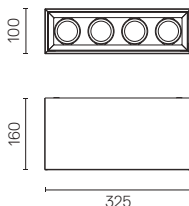


180.0 — 0.0
270.0 - - - - - 90.0

COMPASS BOX SMALL 4L



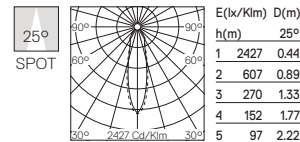
LED ARRAY
4x7W
4x660 1m
3000K
CRI 80



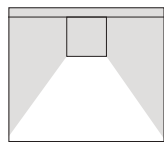
Proyector de superficie para ser instalado a techo/pared con fuente de luz LED. Fuente de alimentación 220-240V, 50-60Hz no regulable integrada en el cuerpo de la luminaria.

Surface spotlight to be installed on ceiling/wall with LED light source. Non-regulable 220-240V, 50-60Hz power supply integrated in luminaire body.

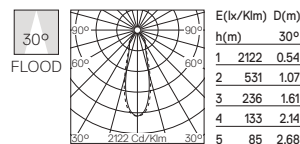
- 03.2640.30
- 03.2640.29
- 03.2640.14
- 03.2640.WG
- 03.2640.TK



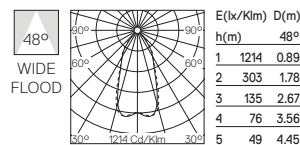
LED INCL.
NOT REPLACEABLE



- 03.2641.30
- 03.2641.29
- 03.2641.14
- 03.2641.WG
- 03.2641.TK



- 03.2642.30
- 03.2642.29
- 03.2642.14
- 03.2642.WG
- 03.2642.TK



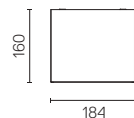
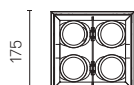
180.0 — 0.0
270.0 - - - - - 90.0

COMPASS BOX

COMPASS BOX SMALL 4L SQUARE

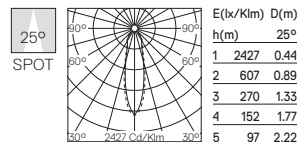


LED ARRAY
4x7W
4x660 1m
3000K
CRI 80



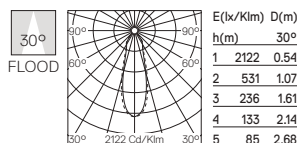
Proyector de superficie para ser instalado a techo/pared con fuente de luz LED. Fuente de alimentación 220-240V, 50-60Hz no regulable integrada en el cuerpo de la luminaria.

03.2645.30
03.2645.29
03.2645.14
03.2645.WG
03.2645.TK

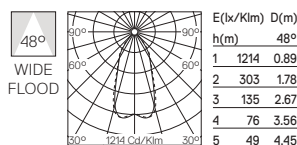


Surface spotlight to be installed on ceiling/wall with LED light source. Non-regulable 220-240V, 50-60Hz power supply integrated in luminaire body.

03.2646.30
03.2646.29
03.2646.14
03.2646.WG
03.2646.TK



LED INCL.
NOT REPLACEABLE



180.0 ——— 0.0
270.0 - - - - - 90.0

COMPASS BOX SMALL 1L

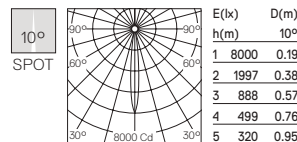


QR-CBC 51
GX5.3
MAX 1x35W

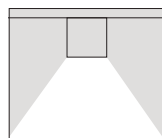


Proyector de superficie para ser instalado a techo/pared. Transformador electrónico integrado 220/240V – 12V, 50/60Hz. La intensidad luminosa puede ser ajustada mediante regulación "leading and trailing edge" en lámparas halógenas.

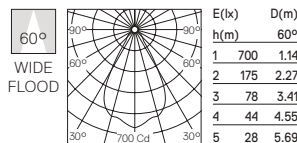
03.2600.30
03.2600.29
03.2600.14
03.2600.WG
03.2600.TK



- OR -
LED
QR-CBC 51
GX5.3
7/10W



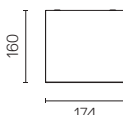
Surface spotlight to be installed on ceiling/wall. Electronic transformer integrated 220/240V – 12V, 50/60Hz. The intensity of the lighting may be adjusted via leading and trail edge modulation in halogen lamps.



COMPASS BOX SMALL 2L

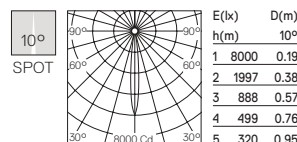


QR-CBC 51
GX5.3
MAX 2x35W

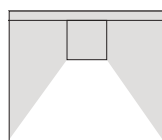


Proyector de superficie para ser instalado a techo/pared. Transformador electrónico integrado 220/240V – 12V, 50/60Hz. La intensidad luminosa puede ser ajustada mediante regulación "trailing edge" en lámparas halógenas.

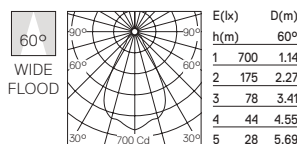
03.2601.30
03.2601.29
03.2601.14
03.2601.WG
03.2601.TK



- OR -
LED
QR-CBC 51
GX5.3
7/10W



Surface spotlight to be installed on ceiling/wall. Electronic transformer integrated 220/240V – 12V, 50/60Hz. The intensity of the lighting may be adjusted via leading and trail edge modulation in halogen lamps.



COMPASS BOX

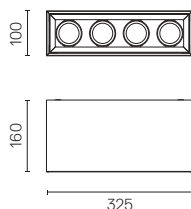
COMPASS BOX SMALL 4L



QR-CBC 51
GX5.3
MAX 4x35W

- OR -

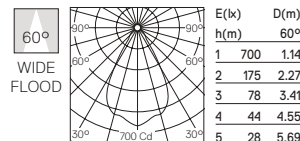
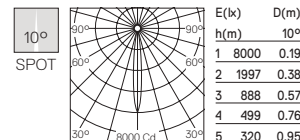
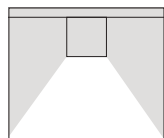
LED
QR-CBC 51
GX5.3
7/10W



Proyector de superficie para ser instalado a techo/pared. Transformador electrónico integrado 220/240V – 12V, 50/60Hz. La intensidad luminosa puede ser ajustada mediante regulación "trailing edge" en lámparas halógenas.

03.2603.30
03.2603.29
03.2603.14
03.2603.WG
03.2603.TK

Surface spotlight to be installed on ceiling/wall. Electronic transformer integrated 220/240V – 12V, 50/60Hz. The intensity of the lighting may be adjusted via leading and trail edge modulation in halogen lamps.



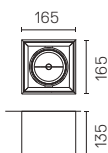
COMPASS BOX LARGE 1L H:135



QR-111
G53
MAX 75W

- OR -

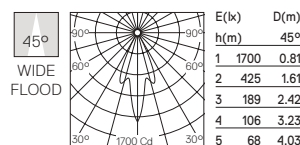
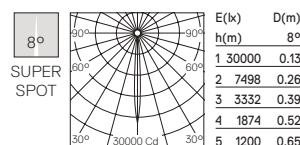
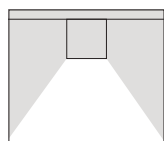
LED QR-111



Proyector de superficie para ser instalado a techo/pared. Transformador electrónico integrado 220/240V – 12V, 50/60Hz. La intensidad luminosa puede ser ajustada mediante regulación "trailing edge" en lámparas halógenas.

03.1060.30
03.1060.29
03.1060.14
03.1060.WG
03.1060.TK

Surface spotlight to be installed on ceiling/wall. Electronic transformer integrated 220/240V – 12V, 50/60Hz. The intensity of the lighting may be adjusted via leading and trail edge modulation in halogen lamps.



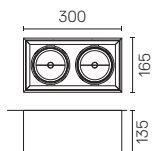
COMPASS BOX LARGE 2L H:135



QR-111
G53
MAX 2x75W

- OR -

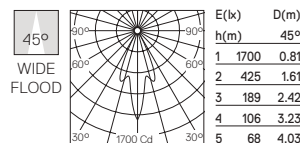
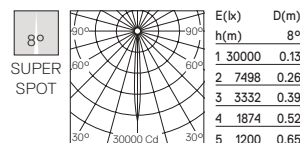
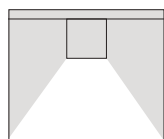
LED QR-111



Proyector de superficie para ser instalado a techo/pared. Transformador electrónico integrado 220/240V – 12V, 50/60Hz. La intensidad luminosa puede ser ajustada mediante regulación "trailing edge" en lámparas halógenas.

03.1061.30
03.1061.29
03.1061.14
03.1061.WG
03.1061.TK

Surface spotlight to be installed on ceiling/wall. Electronic transformer integrated 220/240V – 12V, 50/60Hz. The intensity of the lighting may be adjusted via leading and trail edge modulation in halogen lamps.



COMPASS BOX

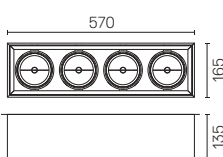
COMPASS BOX LARGE 4L H:135



QR-111
G53
MAX 4x75W

- OR -

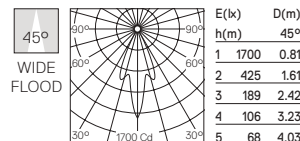
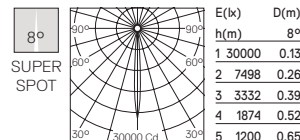
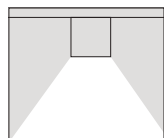
LED QR-111



Proyector de superficie para ser instalado a techo/pared. Transformador electrónico integrado 220/240V – 12V, 50/60Hz. La intensidad luminosa puede ser ajustada mediante regulación "trailing edge" en lámparas halógenas.

03.1063.30
03.1063.29
03.1063.14
03.1063.WG
03.1063.TK

Surface spotlight to be installed on ceiling/wall. Electronic transformer integrated 220/240V – 12V, 50/60Hz. The intensity of the lighting may be adjusted via leading and trail edge modulation in halogen lamps.



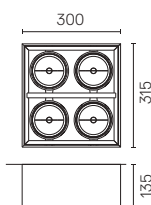
COMPASS BOX LARGE 4L H:135 SQUARE



QR-111
G53
MAX 4x75W

- OR -

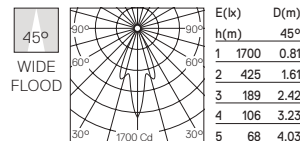
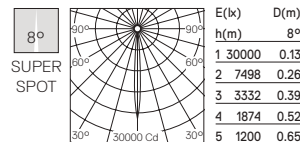
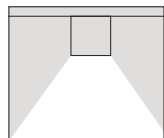
LED QR-111



Proyector de superficie para ser instalado a techo/pared. Transformador electrónico integrado 220/240V – 12V, 50/60Hz. La intensidad luminosa puede ser ajustada mediante regulación "trailing edge" en lámparas halógenas.

03.1064.30
03.1064.29
03.1064.14
03.1064.WG
03.1064.TK

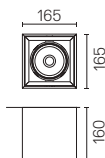
Surface spotlight to be installed on ceiling/wall. Electronic transformer integrated 220/240V – 12V, 50/60Hz. The intensity of the lighting may be adjusted via leading and trail edge modulation in halogen lamps.



COMPASS BOX LARGE 1L H:160



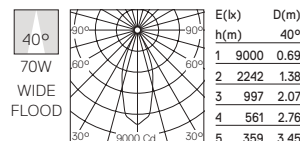
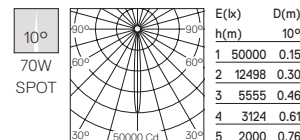
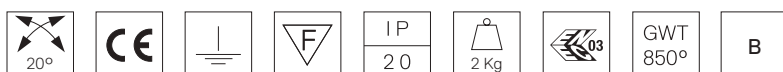
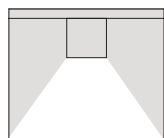
CDM-R111
GX8.5
35/70W



Proyector de superficie para ser instalado a techo/pared. Balasto electrónico integrado 220/240V, 50/60Hz.

35W
03.1140.30
03.1140.29
03.1140.14
03.1140.WG
03.1140.TK

Surface spotlight to be installed on ceiling/wall. Integrated electronic control gear 220/240V, 50/60Hz.

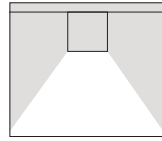
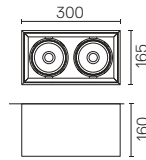


COMPASS BOX

COMPASS BOX LARGE 2L H:160



CDM-R111
GX8.5
2x35/70W

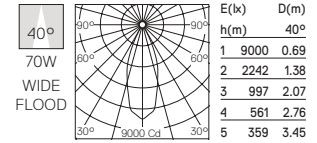
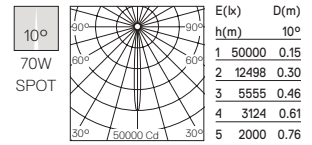


Proyector de superficie para ser instalado a techo/pared. Balasto electrónico integrado 220/240V, 50/60Hz.

Surface spotlight to be installed on ceiling/wall. Integrated electronic control gear 220/240V, 50/60Hz.

35W
 03.1142.30
 03.1142.29
 03.1142.14
 03.1142.WG
 03.1142.TK

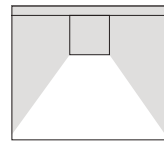
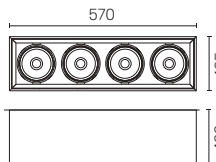
70W
 03.1143.30
 03.1143.29
 03.1143.14
 03.1143.WG
 03.1143.TK



COMPASS BOX LARGE 4L H:160



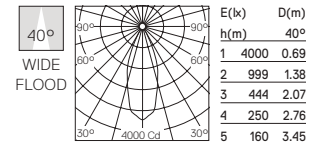
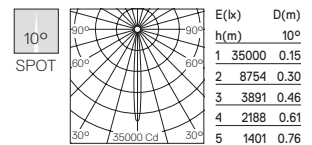
CDM-R111
GX8.5
4x35W



Proyector de superficie para ser instalado a techo/pared. Balasto electrónico integrado 220/240V, 50/60Hz.

Surface spotlight to be installed on ceiling/wall. Integrated electronic control gear 220/240V, 50/60Hz.

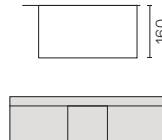
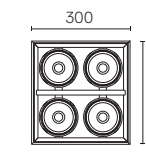
03.1146.30
 03.1146.29
 03.1146.14
 03.1146.WG
 03.1146.TK



COMPASS BOX LARGE 4L H:160 SQUARE



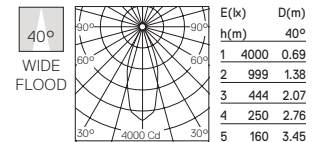
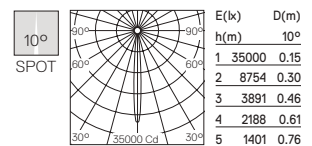
CDM-R111
GX8.5
4x35W



Proyector de superficie para ser instalado a techo/pared. Balasto electrónico integrado 220/240V, 50/60Hz.

Surface spotlight to be installed on ceiling/wall. Integrated electronic control gear 220/240V, 50/60Hz.

03.1148.30
 03.1148.29
 03.1148.14
 03.1148.WG
 03.1148.TK

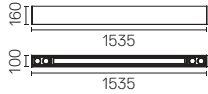


COMPASS BOX

COMPASS BOX T5 + SPOTS



T5 FH/FQ
G5
1x28W
1x54W



Sistema de iluminación directa para ser instalado a techo con lámparas fluorescentes lineales.

Ceiling application lighting system for direct lighting with linear fluorescent light.

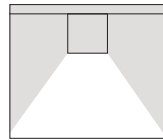


QR-CBC 51
GX5.3
MAX 4x35W

- OR -



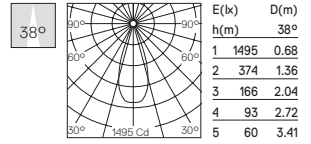
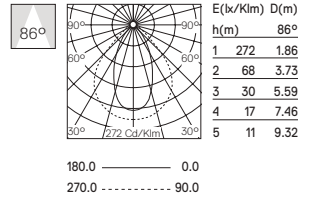
LED
QR-CBC 51
GX5.3
7/10W



Non Dimmable spots

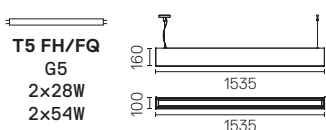
- 1x28W**
- Electronic
 - 03.1730.30
 - 03.1730.29
 - 03.1730.14
 - 03.1730.WG
 - 03.1730.TK
 - Dimmable
 - 03.1731.30
 - 03.1731.29
 - 03.1731.14
 - 03.1731.WG
 - 03.1731.TK
 - Dali Version
 - 03.1732.30
 - 03.1732.29
 - 03.1732.14
 - 03.1732.WG
 - 03.1732.TK

- 1x54W**
- Electronic
 - 03.1740.30
 - 03.1740.29
 - 03.1740.14
 - 03.1740.WG
 - 03.1740.TK
 - Dimmable
 - 03.1741.30
 - 03.1741.29
 - 03.1741.14
 - 03.1741.WG
 - 03.1741.TK
 - Dali Version
 - 03.1742.30
 - 03.1742.29
 - 03.1742.14
 - 03.1742.WG
 - 03.1742.TK



COMPASS BOX

COMPASS BOX T5 SUSPENSION + SPOTS



T5 FH/FQ
G5
2x28W
2x54W



QR-CBC 51
GX5.3
MAX 4x35W

- OR -



LED
QR-CBC 51
GX5.3
7/10W

Sistema de iluminación directa/indirecta para ser instalado a techo con lámparas fluorescentes lineales.

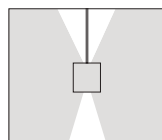
Ceiling application lighting system for direct/indirect lighting with linear fluorescent light.

2x28W

- Electronic
- 03.1830.30
- 03.1830.29
- 03.1830.14
- 03.1830.WG
- 03.1830.TK
- Dimmable
- 03.1831.30
- 03.1831.29
- 03.1831.14
- 03.1831.WG
- 03.1831.TK
- Dali Version
- 03.1832.30
- 03.1832.29
- 03.1832.14
- 03.1832.WG
- 03.1832.TK

2x54W

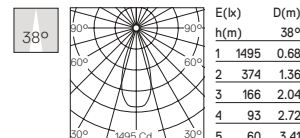
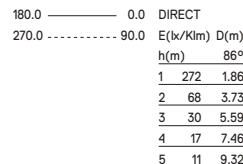
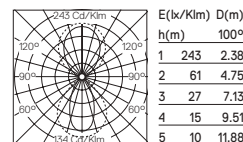
- Electronic
- 03.1840.30
- 03.1840.29
- 03.1840.14
- 03.1840.WG
- 03.1840.TK
- Dimmable
- 03.1841.30
- 03.1841.29
- 03.1841.14
- 03.1841.WG
- 03.1841.TK
- Dali Version
- 03.1842.30
- 03.1842.29
- 03.1842.14
- 03.1842.WG
- 03.1842.TK



Non Dimmable spots

T5 HALOGEN

INDIRECT



COMPASS BOX

ACCESORIOS / ACCESSORIES

Accesorios aplicables para las versiones: LED Array / QR-CBC 51.
Accessories for the versions: LED Array / QR-CBC 51.

Cilindro de apantallamiento con
cruceta rotacional realizado en
termoplástico negro.



08.8238.14

Black thermoplastic screening
cylinder with rotating pin.

Rejilla antideslumbramiento.
Celdas de aluminio terminadas en
pintura negra tipo "Honeycomb".



08.8196.14

"Honeycomb" anti-glare grid in
aluminium cells with black liquid
paint finish.

Accesorios aplicables para las versiones: QR-111 / CDM-R111.
Accessories for the versions: QR-111 / CDM-R111.

Cilindro de apantallamiento con
cruceta rotacional realizado en
termoplástico negro.



08.8034.14

Black thermoplastic screening
cylinder with rotating pin.

Rejilla antideslumbramiento.
Celdas de aluminio terminadas en
pintura negra.



08.8036.14

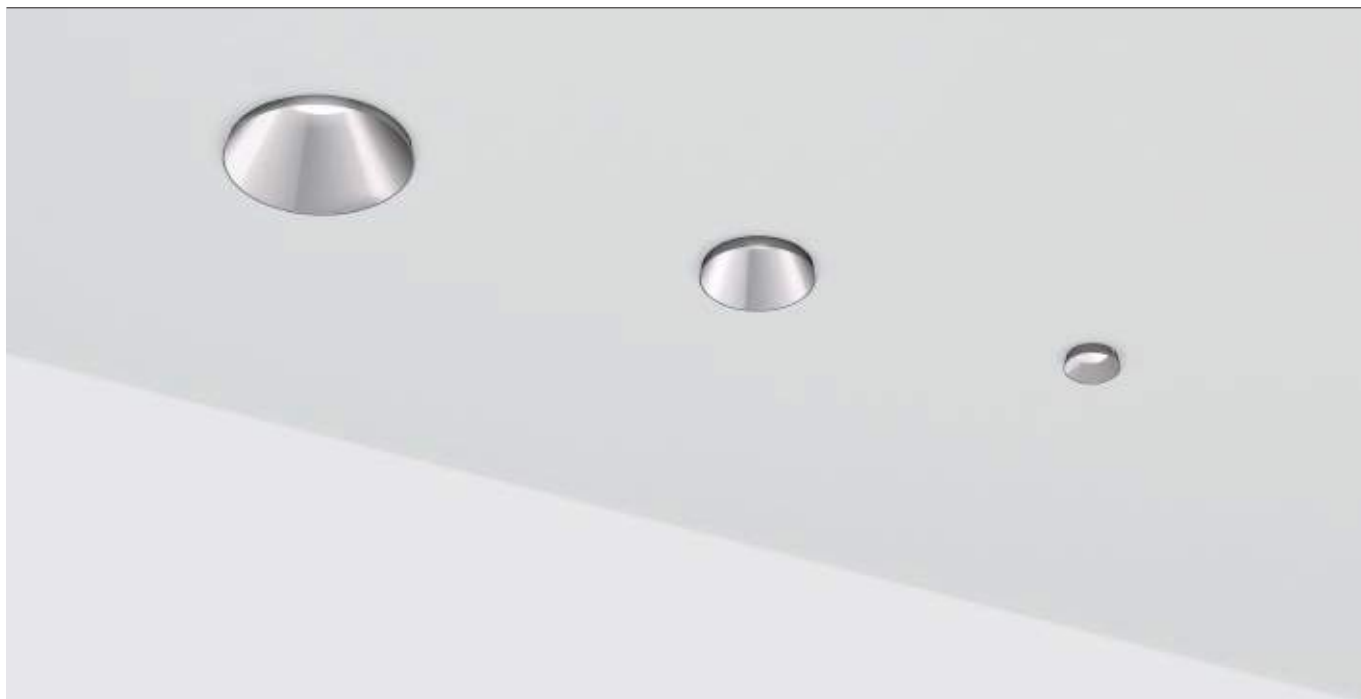
Anti-glare grid in aluminium cells
with black liquid paint finish.

DOWNLIGHTS

Bon Jour, Good Square, Kap, Light Shooter,
Light Sniper, Light Supply,
Compass Box Recessed, Micro Battery,
Battery, Led Pipes, Decofix, Compass,
Pure Downlight, Wan Downlight,
Light Soldier, Downtown,
Ecolight, Orbital.

BON JOUR

DESIGNED BY PHILIPPE STARCK



Versión Version	BON JOUR Ø 45	BON JOUR Ø 90	BON JOUR Ø 145
Fuentes de Luz Light Sources	 POWER LED 6W 575 lm 2700K/CRI 90 6W 710 lm 3000K/CRI 80	 LED ARRAY 13,5W 1500 lm 2700K/CRI 90 13,5W 1900 lm 3000K/CRI 80	 LED ARRAY 30W 2800 lm 2700K/CRI 90 30W 3500 lm 3000K/CRI 80

Colores Colours	<input type="checkbox"/> 01 Blanco 01 White	<input checked="" type="checkbox"/> 06 Cromo 06 Chrome	<input type="checkbox"/> CU Cobre CU Copper	<input type="checkbox"/> 14 Negro 14 Black
				

Descripción

Luminaria LED para ser instalada en falso techo.
Una vez instalado, el borde de la luminaria sobresale del techo 10 mm creando un efecto estético único y refinado.
Cuerpo de la luminaria realizado en aluminio inyectado.
Disponible en tres tamaños: Ø45 mm, Ø90 mm y Ø145 mm.
Reflector de aluminio anodizado brillante con elemento difusor realizado en policarbonato.
Disponible en los acabados: blanco (01), cromo (06), cobre (CU) y negro (14).

Fuentes de Luz

LED:

- Power LED, 6W.
- LED Array 13,5/30W.

Unidades de Alimentación

Cableado incluido, disponible para conectar a equipo remoto.
Versión Dali dimmable disponible.
Versiones sin equipo y con equipo 110V disponibles bajo pedido.

Accesorios

- marco de instalación realizado en material termoplástico para su instalación en falso techo, necesario para las versiones Ø90 mm y Ø145 mm (no es necesario para la versión de Ø45 mm).
- accesorios honeycomb y cruceta de apantallamiento (incluidos en la versión de Ø45 mm).

Información Adicional

Índice de protección IP20.
Clase de aislamiento II.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

LED luminaire for recessed mounting on plasterboard ceilings.
Once installed, the luminaire edge sticks out of the ceiling 10 mm creating a unique and very refined aesthetic effect.
The luminaire's body is injected with aluminium. It is available in three sizes: Ø45 mm, Ø90 mm and Ø145 mm.
Reflector made of anodized gloss aluminium with diffuser element made of polycarbonate.
Available finishes: white (01), chrome (06), copper (CU) and black (14).

Light Sources

LED:

- Power LED, 6W.
- LED Array 13,5/30W.

Power Supply

Cabling included, ready to be powered by included remote driver.

Dali dimmable version available.

Versions without driver and 110V driver available on request.

Accessories

- installation frame made from thermoplastic material for installation in suspended ceilings required for the Ø90 mm and Ø145 mm versions (not necessary for Ø45 mm version).
- honeycomb and cross screening cylinder (included for Ø45 mm version).

Additional Information

IP20 protection grade.
Insulation class II.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

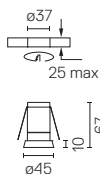
BON JOUR

BON JOUR Ø45



POWER LED
 DC 500 mA
 6W
 575 lm
 2700K/CRI 90

6W
 710 lm
 3000K/CRI 80



Luminaria empotrable para fuente de luz LED. Fuente de alimentación remota 220/240V incluida.

Embedded luminaire for LED light source. Remote 220/240V power supply included.

- 2700K
- Non Dimmable
 - 03.2001.01 Dali Version
 - 03.2001.01.DA
- 3000K
- Non Dimmable
 - 03.2000.01 Dali Version
 - 03.2000.01.DA

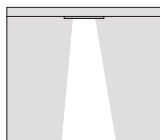
- 2700K
- Non Dimmable
 - 03.2001.06 Dali Version
 - 03.2001.06.DA
- 3000K
- Non Dimmable
 - 03.2000.06 Dali Version
 - 03.2000.06.DA

- 2700K
- Non Dimmable
 - 03.2001.CU Dali Version
 - 03.2001.CU.DA

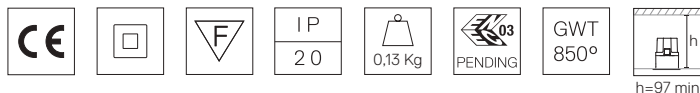
- 3000K
- Non Dimmable
 - 03.2000.CU Dali Version
 - 03.2000.CU.DA

Accesorios incluidos (honeycomb y cruceta de apantallamiento).

Accessories included (honeycomb and cross screening cylinder).



LED INCL.
 NOT REPLACEABLE



- 2700K
- Non Dimmable
 - 03.2001.14 Dali Version
 - 03.2001.14.DA

- 3000K
- Non Dimmable
 - 03.2000.14 Dali Version
 - 03.2000.14.DA

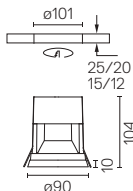
BON JOUR

BON JOUR Ø90



LED ARRAY
 DC 500 mA
 13,5W
 1500 lm
 2700K/CRI 90

13,5W
 1900 lm
 3000K/CRI 80



Luminaria empotrable para fuente de luz LED. Fuente de alimentación remota 220/240V incluida.

Embedded luminaire for LED light source. Remote 220/240V power supply included.

- 2700K
 Non Dimmable
 03.2003.01
 Dali Version
 03.2003.01.DA
- 3000K
 Non Dimmable
 03.2002.01
 Dali Version
 03.2002.01.DA

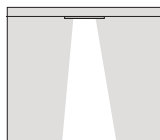
- 2700K
 Non Dimmable
 03.2003.06
 Dali Version
 03.2003.06.DA
- 3000K
 Non Dimmable
 03.2002.06
 Dali Version
 03.2002.06.DA

- 2700K
 Non Dimmable
 03.2003.CU
 Dali Version
 03.2003.CU.DA

- 3000K
 Non Dimmable
 03.2002.CU
 Dali Version
 03.2002.CU.DA

Marco de pre-instalación. Se ha de pedir por separado.

Pre-installation frame must be ordered separately.



LED INCL.
 NOT REPLACEABLE

CE
 IP20
 F
 IP20
 0,53 Kg
 PENDING
 GWT 850°
 h=134 min

- 2700K
 Non Dimmable
 03.2003.14
 Dali Version
 03.2003.14.DA
- 3000K
 Non Dimmable
 03.2002.14
 Dali Version
 03.2002.14.DA

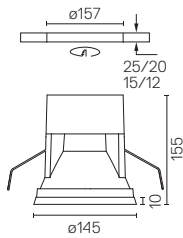
BON JOUR

BON JOUR Ø145



LED ARRAY
 DC 1000 mA
 30W
 2800 lm
 2700K/CRI 90

30W
 3500 lm
 3000K/CRI 80



Luminaria empotrable para fuente de luz LED. Fuente de alimentación remota 220/240V incluida.

Embedded luminaire for LED light source. Remote 220/240V power supply included.

- 2700K
- Non Dimmable
 - 03.2005.01
 - Dali Version
 - 03.2005.01.DA
- 3000K
- Non Dimmable
 - 03.2004.01
 - Dali Version
 - 03.2004.01.DA

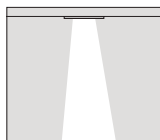
- 2700K
- Non Dimmable
 - 03.2005.06
 - Dali Version
 - 03.2005.06.DA
- 3000K
- Non Dimmable
 - 03.2004.06
 - Dali Version
 - 03.2004.06.DA

- 2700K
- Non Dimmable
 - 03.2005.CU
 - Dali Version
 - 03.2005.CU.DA

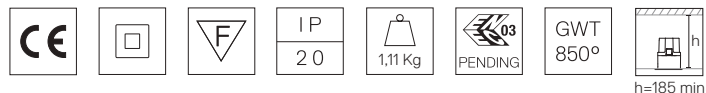
- 3000K
- Non Dimmable
 - 03.2004.CU
 - Dali Version
 - 03.2004.CU.DA

Marco de pre-instalación. Se ha de pedir por separado.

Pre-installation frame must be ordered separately.



LED INCL.
 NOT REPLACEABLE



- 2700K
- Non Dimmable
 - 03.2005.14
 - Dali Version
 - 03.2005.14.DA

- 3000K
- Non Dimmable
 - 03.2004.14
 - Dali Version
 - 03.2004.14.DA

BON JOUR

ACCESORIOS / ACCESSORIES

Bon Jour Ø90

Marco de pre-instalación.  08.8974.00

Pre-installation frame.

Honeycomb y cruceta de
apantallamiento.  08.8976.14

Honeycomb and cross
screening cylinder.

Bon Jour Ø145

Marco de pre-instalación.  08.8975.00





Pre-installation frame.

Honeycomb y cruceta de
apantallamiento.  08.8980.14

Honeycomb and cross
screening cylinder.

GOOD SQUARE

DESIGNED BY FLOS ARCHITECTURAL

Versión Version		
Fuentes de Luz Light Sources	 TOP LED 31W 2790 lm 3000K/CRI 80	 TOP LED 31W 3000 lm 4000K/CRI 80
Colores Colours	<input type="checkbox"/> 30 Blanco 30 White	
		

Descripción

Luminaria de superficie para interiores de muy fácil instalación en techos modulares de 60x60mm. Debido a su gran superficie de emisión luminica, el Good Square proporciona una distribución de luz homogénea y uniforme. Disponible en dos temperaturas de color: 3000K y 4000K. Disponible en los acabados: blanco (30).

Fuentes de Luz

LED:
- Top LED, 31W.

Unidades de alimentación

Fuente de alimentación remota no incluida.

Información Adicional

Luminaria ligera y de gran superficie específicamente diseñada para instalar en techos de paneles modulares de 60x60 de una forma sencilla y rápida.
Índice de protección IP20.
Clase de aislamiento III.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Surface-mounted easy-to-install luminaire for indoor use, in 60x60mm modular ceilings. Due to its large light emitting surface area, the Good Square provides homogeneous and even light distribution. Available in two colour temperatures: 3000K and 4000K. Available finishes: white (30).

Light Sources

LED:
- Top LED, 31W.

Power Supply

Remote power supply not included.

Additional Information

Lightweight luminaire for lighting large surface areas, specifically designed for quick and easy installation in 60x60 modular panelled ceilings.
IP20 protection grade.
Insulation class III.

Compliance of Standards and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

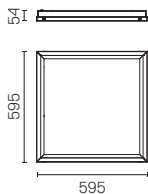


GOOD SQUARE



TOP LED
DC 950 mA
31W
2790 lm
3000K/CRI 80

31W
3000 lm
4000K/CRI 80



Luminaria de superficie para techos modulares de 60x60mm. Fuente de alimentación remota no incluida.

Surface-mounted luminaire for 60x60mm modular ceilings. Remote power supply not included.

3000K
□ 03.6255.30

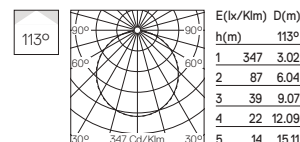
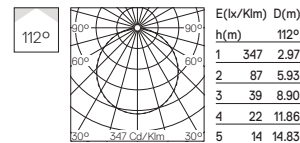
4000K
□ 03.6256.30

Equipos recomendados:
Recommended power supply:

60.8697

















LED INCL.
NOT REPLACEABLE















180.0 ——— 0.0
270.0 - - - - - 90.0

KAP

DESIGNED BY FLOS ARCHITECTURAL

Versión Version	EASY KAP Ø105 FIXED	EASY KAP Ø105 WALL-WASHER	KAP Ø105	KAP 105 SQUARE	KAP Ø145	KAP Ø145 DEEP
						
						
					KAP Ø145 WALL-WASHER	
						

Fuentes de Luz
Light Sources

 LED ARRAY 9,2W 698 lm 2700K/CRI 90	 PHOSPHOR LED 15,6W 1300 lm 2700K/CRI 98	 PHOSPHOR LED 17W 1400 lm 2700K/CRI 98	 PHOSPHOR LED 17W 1400 lm 2700K/CRI 98
9,2W 945 lm 3000K/CRI 80	11,7W 1300 lm 3000K/CRI 80	19,5W 2000 lm 3000K/CRI 80	19,5W 2000 lm 3000K/CRI 80
 QR-CBC 51 GX5.3 MAX 50W - OR - LED QR-CBC 51 7W	 QT-12 GY6.35 MAX 50W	 QR-CBC 51 GX5.3 MAX 50W - OR - LED QR-CBC 51 7W	 QT-12 GY6.35 MAX 65W IRC
 HI PAR 51 GX10 MAX 35W	 CDM-TC G8.5 MAX 35W	 HI PAR 51 GX10 MAX 35W	 CDM-TC G8.5 MAX 70W

Colores
Colours

- B1 Blanco
B1 White
- GL Oro Mate
GL Matt Gold
- BU Azul
BU Blue
- 74 Negro
74 Black
- CU Cobre
CU Copper



KAP

Descripción

Luminaria para ser instalada empotrada en techos para lámparas halógenas, de halogenuro metálico y LED.

La versión Easy Kap dispone de cuerpo inyectado en zamak con acabado en pintura líquida y diámetro exterior de 105 mm con cristal difusor opal. No necesita premarco de instalación. La versión Kap dispone de cuerpo inyectado en aluminio con acabado en pintura líquida. Está disponible en dos diámetros: 105 mm y 145 mm.

Óptica principal realizada en aluminio anodizado brillo con elemento difusor realizado en cristal borosilicato. Portalámparas con elemento disipador en aluminio inyectado y aro de empotramiento del cuerpo óptico en material termoplástico.

Disponible en los acabados: blanco (B1), oro mate (GL), azul (BU), negro (74) y cobre (CU).

Fuentes de Luz

LED:

- LED Array, 9,2W.
- Phosphor LED, 11,7/15,6/17/19,5W.

Halógenas:

- QR-CBC 51, max 50W. (Es posible hacer un retrofit con lámparas LED convencionales).

* Retrofit recomendado solo con lámparas de FLOS.

- QT-12, max 50W / max 65W IRC.

De descarga:

- HI PAR 51, max 35W.
- CDM-TC, max 35/70W.

Unidades de Alimentación

Precableado incluido; listo para ser alimentado mediante dispositivos a distancia.

Conexión rápida, tipo "Wieland", con la unidad de alimentación para lámparas de descarga.

Accesorios

Marco de instalación del cuerpo óptico realizado en material termoplástico para su instalación en falsos techos de hasta 30 mm de espesor.

Información Adicional

Índice de protección IP20, IP23, IP43, IP44, según las versiones.

Clase de aislamiento I, II, III, según las versiones.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Luminaire for recessed mounting on ceilings for halogen, metal halide and LED lamps.

The Easy Kap version, incorporates body injected in zamak with liquid paint finish and outer diameter of 105 mm with opal glass diffuser. Pre-frame installation not necessary.

The Kap version incorporates body injected in aluminium with liquid paint finish. It is available in two sizes: 105 mm and 145 mm.

Main view made of anodized gloss aluminium with diffuser element made in borosilicate glass.

Lampholders with heatsink element in injected aluminium and embedment ring of the optical body in thermoplastic material.

Available finishes: white (B1), matt gold (GL), blue (BU), black (74) and copper (CU).

Light Sources

LED:

- LED Array, 9,2W.
- Phosphor LED, 11,7/15,6/17/19,5W.

Halogen:

- QR-CBC 51, max 50W. (Retrofit possible with conventional LED lamps).

* Retrofit recommended only with FLOS lamps.

- QT-12, max 50W / max 65W IRC.

Discharge:

- HI PAR 51, max 35W.
- CDM-TC, max 35/70W.

Power Supply

Pre-wiring included; ready for remote power supply.

Wieland quick connectors used for discharge control gear.

Accessories

Installation frame made from thermoplastic material for installation in false ceilings with a depth of up to 30 mm.

Additional Information

IP20, IP23, IP43, IP44 protection grade depending on the versions.

Insulation class I, II, III depending on the versions.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

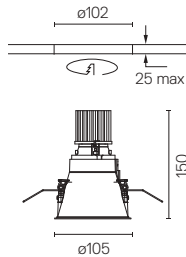
KAP

EASY KAP Ø105 FIXED



LED ARRAY
DC 500 mA
9,2W
698 lm
2700K/CRI 90

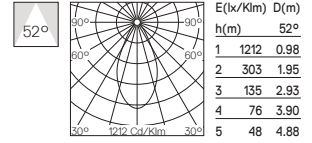
9,2W
945 lm
3000K/CRI 80



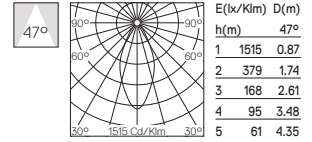
Empotrable para fuente de luz LED. Marco de instalación no necesario. Fuente de alimentación no incluida.

Embedded light fixture for LED light source. Mounting frame not required. Power supply not included.

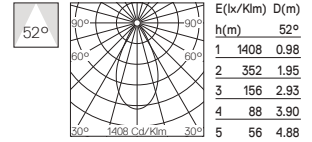
- 2700K
 03.4492.B1B
- 3000K
 03.4462.B1B



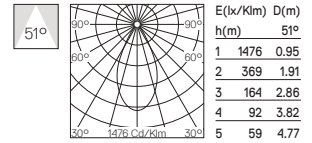
- 2700K
 03.4492.GLB
- 3000K
 03.4462.GLB



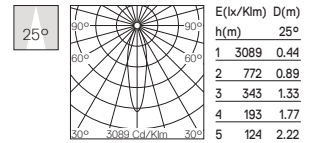
- 2700K
 03.4492.BUB
- 3000K
 03.4462.BUB



- 2700K
 03.4492.74B
- 3000K
 03.4462.74B



- 2700K
 03.4492.CUB
- 3000K
 03.4462.CUB



Equipos recomendados:
Recommended power supply:

- Non Dimmable 60.8650
- Dimmable 1-10V 60.8533
- Dimmable Dali 60.8530
- Mains Dimming 60.8534



CE III F IP 2.0 0,40 Kg GWT 850°

LED INCL.
NOT REPLACEABLE

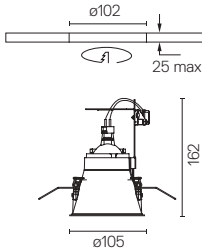
EASY KAP Ø105 FIXED



QR-CBC 51
GX5.3
MAX 50W

-OR-

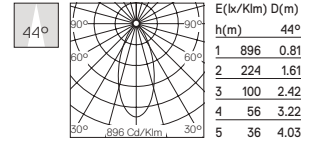
LED
QR-CBC 51
GX5.3
7W



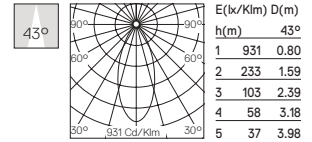
Empotrable para lámpara halógena de 12V. Transformador remoto no incluido. Marco de instalación no necesario.

12V halogen lamp recessed downlight. Remote transformer not included. Installation frame not necessary.

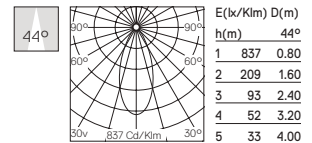
- 03.4450.B1A



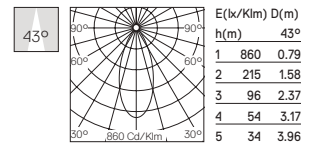
- 03.4450.GLA



- 03.4450.BUA



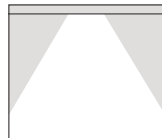
- 03.4450.74A



- 03.4450.CUA

El ensayo de la curva fotométrica ha sido realizado para 50W con un ángulo de apertura de 38°.

Photometric data made with 50W – 38° lamp.



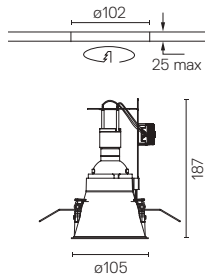
CE III F IP 2.0 0,37 Kg GWT 850° A+ → E

KAP

EASY KAP Ø105 FIXED



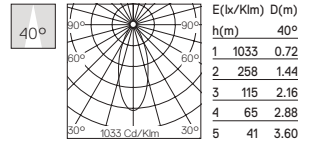
HI PAR 51
GX10
MAX 35W



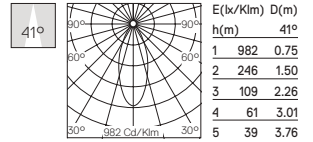
Empotrable para lámpara de halogenuro metálico. Balasto no incluido. Marco de instalación no necesario.

Metal halide lamp recessed downlight. Remote control gear not included. Installation frame not necessary.

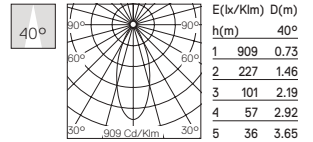
03.4451.B1A



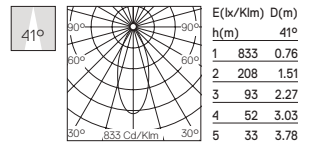
03.4451.GLA



03.4451.BUA

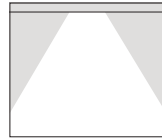


03.4451.74A

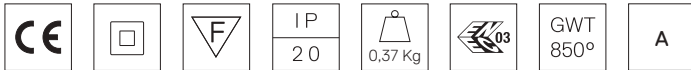


03.4451.CUA

El ensayo de la curva fotométrica ha sido realizado para 35W con un ángulo de apertura de 25°.



Photometric data made with 35W – 25° lamp.

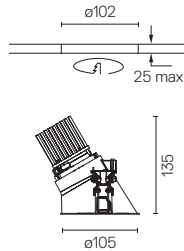


EASY KAP Ø105 WALL-WASHER



LED ARRAY
DC 500 mA
9,2W
698 lm
2700K/CRI 90

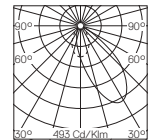
9,2W
945 lm
3000K/CRI 80



Empotrable para fuente de luz LED. Marco de instalación no necesario. Fuente de alimentación no incluida.

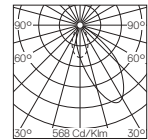
Embedded light fixture for LED light source. Mounting frame not required. Power supply not included.

2700K
03.4493.B1B



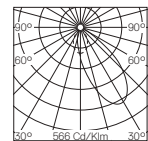
3000K
03.4463.B1B

2700K
03.4493.GLB



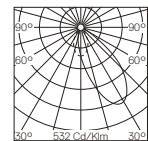
3000K
03.4463.GLB

2700K
03.4493.BUB



3000K
03.4463.BUB

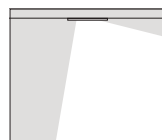
2700K
03.4493.74B



3000K
03.4463.74B

Equipos recomendados:
Recommended power supply:

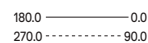
Non Dimmable 60.8650
Dimmable 1-10V 60.8533
Dimmable Dali 60.8530
Mains Dimming 60.8534



LED INCL.
NOT REPLACEABLE

2700K
03.4493.CUB

3000K
03.4463.CUB



KAP

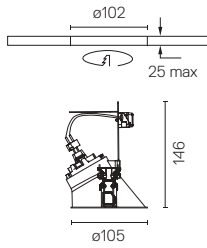
EASY KAP Ø105 WALL-WASHER



QR-CBC 51
GX5.3
MAX 50W

-OR-

LED
QR-CBC 51
GX5.3
7W



Empotrable para lámpara halógena de 12V. Transformador remoto no incluido. Marco de instalación no necesario.

12V halogen lamp recessed downlight. Remote transformer not included. Installation frame not necessary.

- 03.4455.B1A
- 03.4455.GLA
- 03.4455.BUA
- 03.4455.74A
- 03.4455.CUA

Criterios: Número de luminarias n>5
 Criteria: Number of luminaires n>5
 Altura del techo 3 m
 Heigh of the ceiling 3 m
 Distancia a la pared (m)
 Distance to the wall (m)

0,75	0,75	1,00	1,00
------	------	------	------

Interdistancia entre luminarias (m)
 Distance between the luminaires (m)

0,75	1,00	1,00	1,25
------	------	------	------

Iluminancia QR-CBC 51 50W (lx)
 Illuminance QR-CBC 51 50W (lx)

140	107	99	79
-----	-----	----	----

El ensayo de la curva fotométrica ha sido realizado para 50W con un ángulo de apertura de 38°.



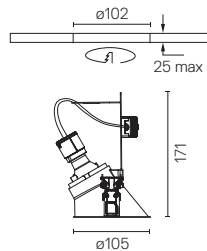
Photometric data made with 50W – 38° lamp.



EASY KAP Ø105 WALL-WASHER



HI PAR 51
GX10
MAX 35W



Empotrable para lámpara de halogenuro metálico. Balasto no incluido. Marco de instalación no necesario.

Metal halide lamp recessed downlight. Remote control gear not included. Installation frame not necessary.

- 03.4456.B1A
- 03.4456.GLA
- 03.4456.BUA
- 03.4456.74A
- 03.4456.CUA

Criterios: Número de luminarias n>5
 Criteria: Number of luminaires n>5
 Altura del techo 3 m
 Heigh of the ceiling 3 m
 Distancia a la pared (m)
 Distance to the wall (m)

0,75	0,75	1,00	1,00
------	------	------	------

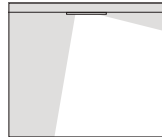
Interdistancia entre luminarias (m)
 Distance between the luminaires (m)

0,75	1,00	1,00	1,25
------	------	------	------

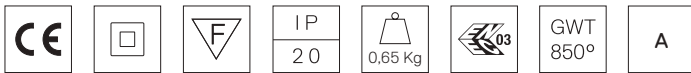
Iluminancia HI PAR 51 35W (lx)
 Illuminance HI PAR 51 35W (lx)

312	240	220	177
-----	-----	-----	-----

El ensayo de la curva fotométrica ha sido realizado para 35W con un ángulo de apertura de 40°.

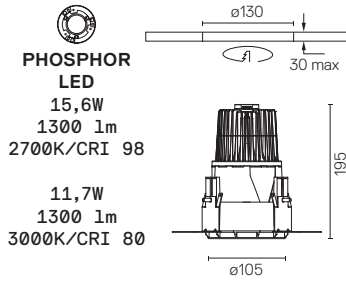


Photometric data made with 35W – 40° lamp.



KAP

KAP Ø105



PHOSPHOR LED
15,6W
1300 lm
2700K/CRI 98

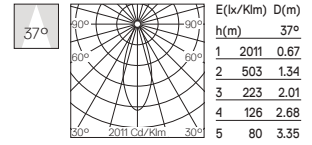
11,7W
1300 lm
3000K/CRI 80

Empotrable para LED.
Módulo Phosphor LED
integrado. Transformador
electrónico 220/240V
remoto incluido.

LED recessed downlight.
Phosphor LED module
integrated. Remote
electronic transformer
220/240V included.

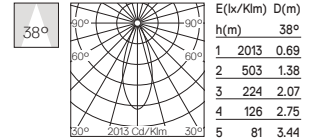
- 2700K
- Non Dimmable
 - 03.4494.B1B
 - Dali Version
 - 03.4494.B1BDA
 - 1-10V
 - 03.4494.B1B1V

- 3000K
- Non Dimmable
 - 03.4407.B1B
 - Dali Version
 - 03.4407.B1BDA
 - 1-10V
 - 03.4407.B1B1V



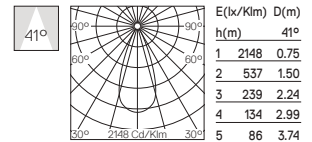
- 2700K
- Non Dimmable
 - 03.4494.GLB
 - Dali Version
 - 03.4494.GLBDA
 - 1-10V
 - 03.4494.GLB1V

- 3000K
- Non Dimmable
 - 03.4407.GLB
 - Dali Version
 - 03.4407.GLBDA
 - 1-10V
 - 03.4407.GLB1V



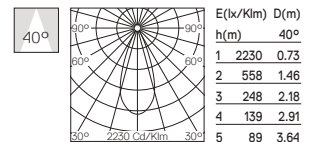
- 2700K
- Non Dimmable
 - 03.4494.BUB
 - Dali Version
 - 03.4494.BUBDA
 - 1-10V
 - 03.4494.BUB1V

- 3000K
- Non Dimmable
 - 03.4407.BUB
 - Dali Version
 - 03.4407.BUBDA
 - 1-10V
 - 03.4407.BUB1V



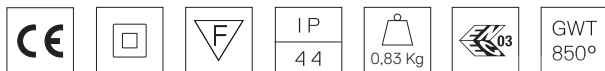
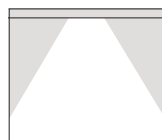
- 2700K
- Non Dimmable
 - 03.4494.74B
 - Dali Version
 - 03.4494.74BDA
 - 1-10V
 - 03.4494.74B1V

- 3000K
- Non Dimmable
 - 03.4407.74B
 - Dali Version
 - 03.4407.74BDA
 - 1-10V
 - 03.4407.74B1V



Marco de pre-instalación. Se ha de pedir por separado.

Pre-installation frame must be ordered separately.



LED INCL.
NOT REPLACEABLE

- 2700K
- Non Dimmable
 - 03.4494.CUB
 - Dali Version
 - 03.4494.CUBDA
 - 1-10V
 - 03.4494.CUB1V

- 3000K
- Non Dimmable
 - 03.4407.CUB
 - Dali Version
 - 03.4407.CUBDA
 - 1-10V
 - 03.4407.CUB1V

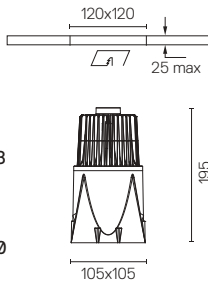
KAP

KAP 105 SQUARE



PHOSPHOR LED
 15,6W
 1300 lm
 2700K/CRI 98

11,7W
 1300 lm
 3000K/CRI 80

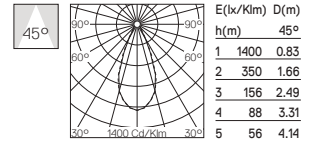


Empotrable para LED.
 Módulo Phosphor LED
 integrado. Transformador
 electrónico 220/240V
 remoto incluido.

LED recessed downlight.
 Phosphor LED module
 integrated. Remote
 electronic transformer
 220/240V included.

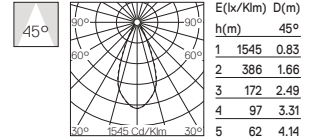
- 2700K
- Non Dimmable
 - 03.4595.B1B
 - Dali Version
 - 03.4595.B1BDA
 - 1-10V
 - 03.4595.B1B1V

- 3000K
- Non Dimmable
 - 03.4570.B1B
 - Dali Version
 - 03.4570.B1BDA
 - 1-10V
 - 03.4570.B1B1V



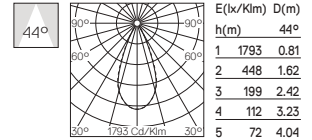
- 2700K
- Non Dimmable
 - 03.4595.GLB
 - Dali Version
 - 03.4595.GLBDA
 - 1-10V
 - 03.4595.GLB1V

- 3000K
- Non Dimmable
 - 03.4570.GLB
 - Dali Version
 - 03.4570.GLBDA
 - 1-10V
 - 03.4570.GLB1V



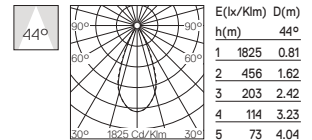
- 2700K
- Non Dimmable
 - 03.4595.BUB
 - Dali Version
 - 03.4595.BUBDA
 - 1-10V
 - 03.4595.BUB1V

- 3000K
- Non Dimmable
 - 03.4570.BUB
 - Dali Version
 - 03.4570.BUBDA
 - 1-10V
 - 03.4570.BUB1V



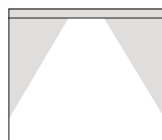
- 2700K
- Non Dimmable
 - 03.4595.74B
 - Dali Version
 - 03.4595.74BDA
 - 1-10V
 - 03.4595.74B1V

- 3000K
- Non Dimmable
 - 03.4570.74B
 - Dali Version
 - 03.4570.74BDA
 - 1-10V
 - 03.4570.74B1V



Marco de pre-instalación. Se ha de pedir por separado.

Pre-installation frame must be ordered separately.



LED INCL.
 NOT REPLACEABLE



- 2700K
- Non Dimmable
 - 03.4595.CUB
 - Dali Version
 - 03.4595.CUBDA
 - 1-10V
 - 03.4595.CUB1V

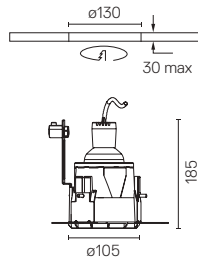
- 3000K
- Non Dimmable
 - 03.4570.CUB
 - Dali Version
 - 03.4570.CUBDA
 - 1-10V
 - 03.4570.CUB1V

KAP

KAP Ø105



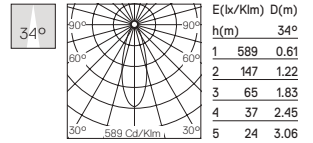
QT-12
GY6.35
MAX 50W



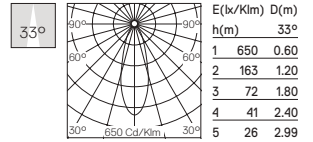
Empotrable para lámpara halógena de 12V.
Transformador remoto no incluido.

12V halogen lamp recessed downlight.
Remote transformer not included.

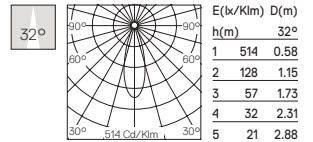
03.4400.B1



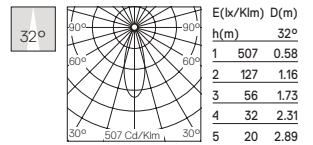
03.4400.GL



03.4400.BU

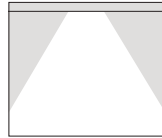


03.4400.74

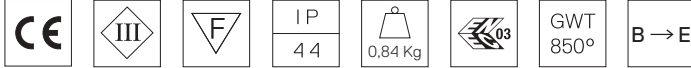


03.4400.CU

Marco de pre-instalación. Se ha de pedir por separado.



Pre-installation frame must be ordered separately.



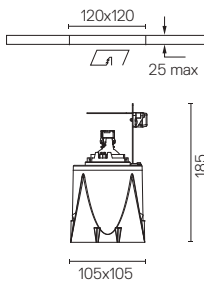
KAP 105 SQUARE



QR-CBC 51
GX5.3
MAX 50W

-OR-

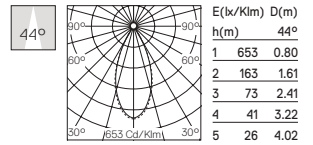
LED
QR-CBC 51
GX5.3
7W



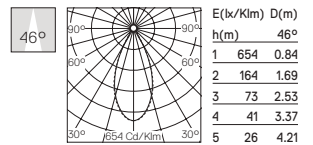
Empotrable para lámpara halógena de 12V.
Transformador remoto no incluido.

12V halogen lamp recessed downlight.
Remote transformer not included.

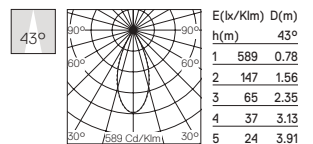
03.4572.B1



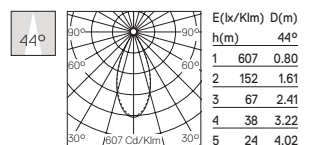
03.4572.GL



03.4572.BU



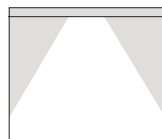
03.4572.74



180.0 ——— 0.0
270.0 - - - - - 90.0

03.4572.CU

Marco de pre-instalación. Se ha de pedir por separado.



Pre-installation frame must be ordered separately.

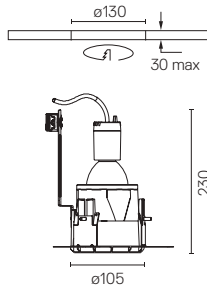


KAP

KAP Ø105



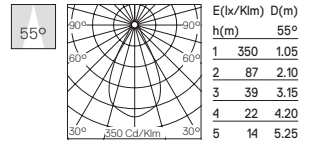
CDM-TC
G8.5
MAX 35W



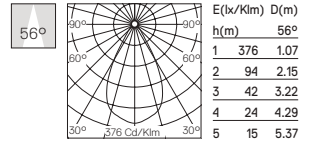
Empotrable para lámpara de halogenuro metálico. Balasto no incluido.

Metal halide lamp recessed downlight. Remote control gear not included.

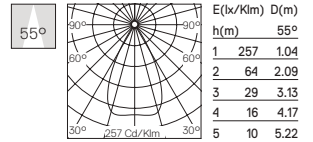
03.4401.B1



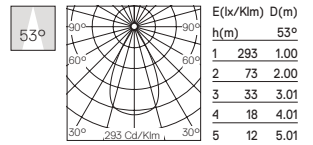
03.4401.GL



03.4401.BU

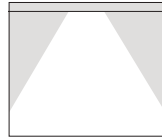


03.4401.74

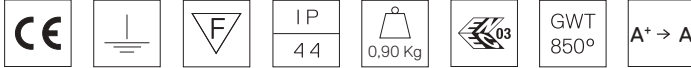


03.4401.CU

Marco de pre-instalación. Se ha de pedir por separado.



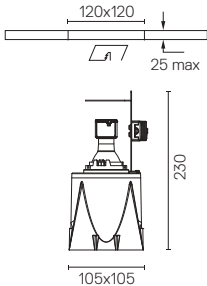
Pre-installation frame must be ordered separately.



KAP 105 SQUARE



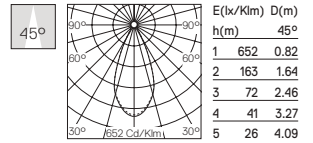
HI PAR 51
GX10
MAX 35W



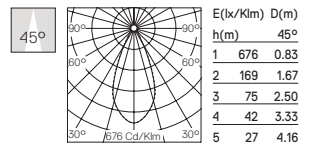
Empotrable para lámpara de halogenuro metálico. Balasto no incluido.

Metal halide lamp recessed downlight. Remote control gear not included.

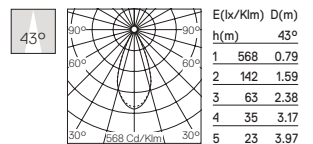
03.4571.B1



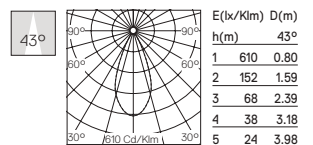
03.4571.GL



03.4571.BU



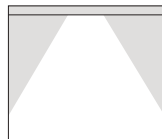
03.4571.74



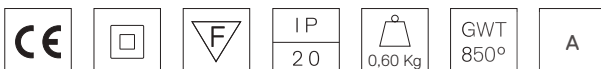
180.0 ——— 0.0
270.0 - - - - - 90.0

03.4571.CU

Marco de pre-instalación. Se ha de pedir por separado.



Pre-installation frame must be ordered separately.



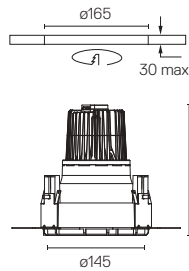
K A P

KAP Ø145



PHOSPHOR LED
17W
1400 lm
2700K/CRI 98

19,5W
2000 lm
3000K/CRI 80

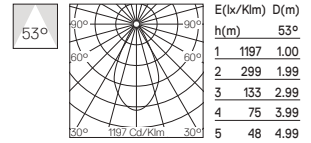


Empotrable para LED.
Módulo Phosphor LED
integrado. Transformador
electrónico 220/240V
remoto incluido.

LED recessed downlight.
Phosphor LED module
integrated. Remote
electronic transformer
220/240V included.

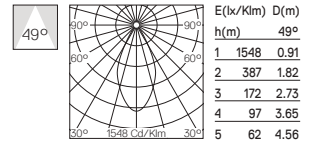
- 2700K
- Non Dimmable
 - 03.4496.B1B
 - Dali Version
 - 03.4496.B1BDA
 - 1-10V
 - 03.4496.B1B1V

- 3000K
- Non Dimmable
 - 03.4420.B1B
 - Dali Version
 - 03.4420.B1BDA
 - 1-10V
 - 03.4420.B1B1V



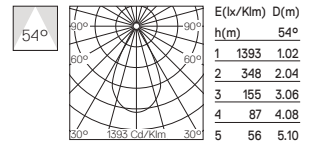
- 2700K
- Non Dimmable
 - 03.4496.GLB
 - Dali Version
 - 03.4496.GLBDA
 - 1-10V
 - 03.4496.GLB1V

- 3000K
- Non Dimmable
 - 03.4420.GLB
 - Dali Version
 - 03.4420.GLBDA
 - 1-10V
 - 03.4420.GLB1V



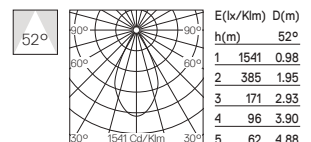
- 2700K
- Non Dimmable
 - 03.4496.BUB
 - Dali Version
 - 03.4496.BUBDA
 - 1-10V
 - 03.4496.BUB1V

- 3000K
- Non Dimmable
 - 03.4420.BUB
 - Dali Version
 - 03.4420.BUBDA
 - 1-10V
 - 03.4420.BUB1V



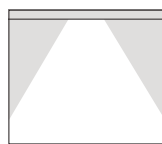
- 2700K
- Non Dimmable
 - 03.4496.74B
 - Dali Version
 - 03.4496.74BDA
 - 1-10V
 - 03.4496.74B1V

- 3000K
- Non Dimmable
 - 03.4420.74B
 - Dali Version
 - 03.4420.74BDA
 - 1-10V
 - 03.4420.74B1V



Marco de pre-instalación. Se ha de pedir por separado.

Pre-installation frame must be ordered separately.



LED INCL.
NOT REPLACEABLE

- 2700K
- Non Dimmable
 - 03.4496.CUB
 - Dali Version
 - 03.4496.CUBDA
 - 1-10V
 - 03.4496.CUB1V

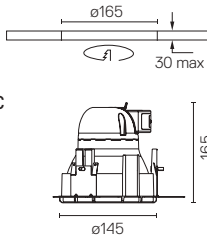
- 3000K
- Non Dimmable
 - 03.4420.CUB
 - Dali Version
 - 03.4420.CUBDA
 - 1-10V
 - 03.4420.CUB1V

K A P

K A P Ø145



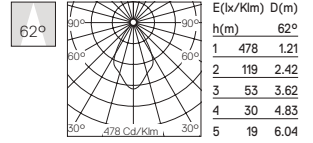
QT-12
GY6.35
MAX 65W IRC



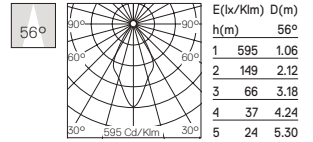
Empotrable para lámpara halógena de 12V.
Transformador remoto no incluido.

12V halogen lamp recessed downlight.
Remote transformer not included.

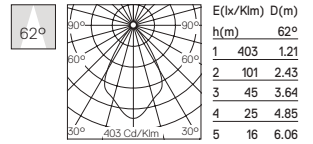
03.4491.B1



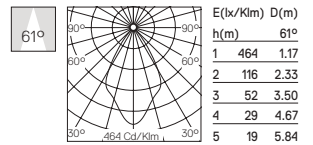
03.4491.GL



03.4491.BU

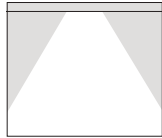


03.4491.74

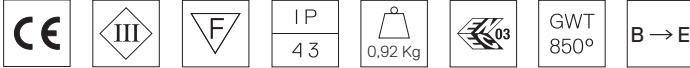


03.4491.CU

Marco de pre-instalación. Se ha de pedir por separado.



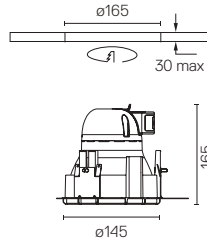
Pre-installation frame must be ordered separately.



K A P Ø145



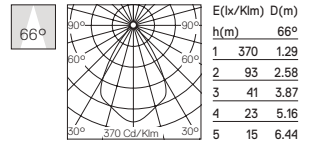
CDM-TC
G8.5
MAX 70W



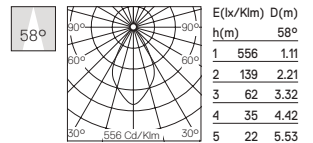
Empotrable para lámpara de halogenuro metálico.
Balasto no incluido.

Metal halide lamp recessed downlight.
Remote control gear not included.

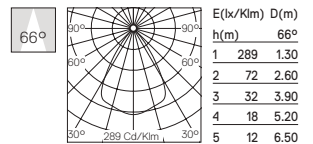
03.4490.B1



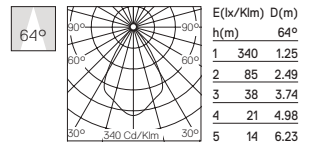
03.4490.GL



03.4490.BU

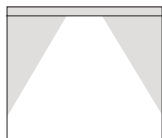


03.4490.74



03.4490.CU

Marco de pre-instalación. Se ha de pedir por separado.



Pre-installation frame must be ordered separately.



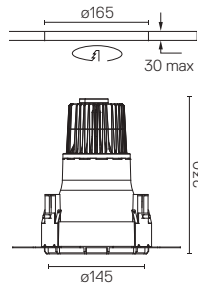
KAP

KAP Ø145 DEEP



PHOSPHOR LED
17W
1400 lm
2700K/CRI 98

19,5W
2000 lm
3000K/CRI 80

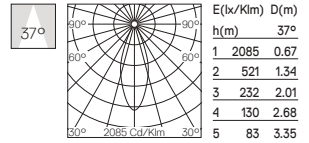


Empotrable para LED.
Módulo Phosphor LED integrado. Transformador electrónico 220/240V remoto incluido.

LED recessed downlight.
Phosphor LED module integrated. Remote electronic transformer 220/240V included.

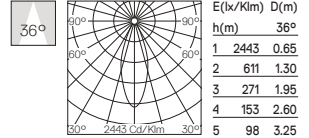
- 2700K
- Non Dimmable
 - 03.4497.B1B
 - Dali Version
 - 03.4497.B1BDA
 - 1-10V
 - 03.4497.B1B1V

- 3000K
- Non Dimmable
 - 03.4482.B1B
 - Dali Version
 - 03.4482.B1BDA
 - 1-10V
 - 03.4482.B1B1V



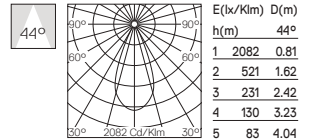
- 2700K
- Non Dimmable
 - 03.4497.GLB
 - Dali Version
 - 03.4497.GLBDA
 - 1-10V
 - 03.4497.GLB1V

- 3000K
- Non Dimmable
 - 03.4482.GLB
 - Dali Version
 - 03.4482.GLBDA
 - 1-10V
 - 03.4482.GLB1V



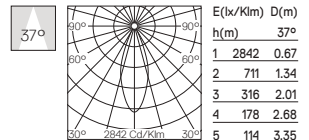
- 2700K
- Non Dimmable
 - 03.4497.BUB
 - Dali Version
 - 03.4497.BUBDA
 - 1-10V
 - 03.4497.BUB1V

- 3000K
- Non Dimmable
 - 03.4482.BUB
 - Dali Version
 - 03.4482.BUBDA
 - 1-10V
 - 03.4482.BUB1V



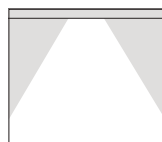
- 2700K
- Non Dimmable
 - 03.4497.74B
 - Dali Version
 - 03.4497.74BDA
 - 1-10V
 - 03.4497.74B1V

- 3000K
- Non Dimmable
 - 03.4482.74B
 - Dali Version
 - 03.4482.74BDA
 - 1-10V
 - 03.4482.74B1V



Marco de pre-instalación. Se ha de pedir por separado.

Pre-installation frame must be ordered separately.



LED INCL.
NOT REPLACEABLE

- 2700K
- Non Dimmable
 - 03.4497.CUB
 - Dali Version
 - 03.4497.CUBDA
 - 1-10V
 - 03.4497.CUB1V

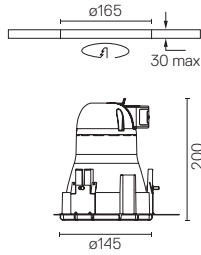
- 3000K
- Non Dimmable
 - 03.4482.CUB
 - Dali Version
 - 03.4482.CUBDA
 - 1-10V
 - 03.4482.CUB1V

KAP

KAP Ø145 DEEP



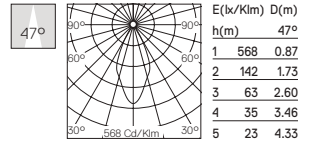
QT-12
GY6.35
MAX 65W IRC



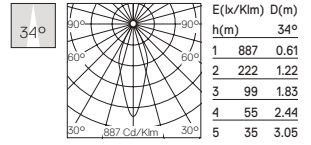
Empotrable para lámpara halógena de 12V.
Transformador remoto no incluido.

12V halogen lamp recessed downlight.
Remote transformer not included.

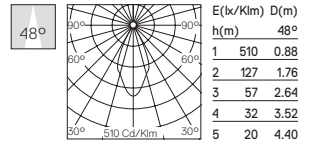
03.4481.B1



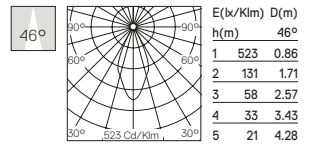
03.4481.GL



03.4481.BU

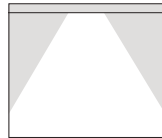


03.4481.74

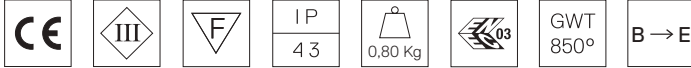


03.4481.CU

Marco de pre-instalación. Se ha de pedir por separado.



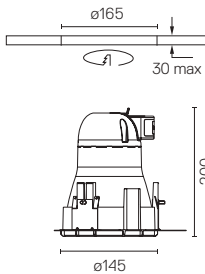
Pre-installation frame must be ordered separately.



KAP Ø145 DEEP



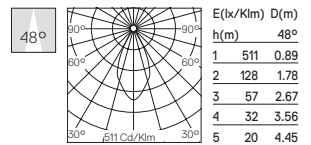
CDM-TC
G8.5
MAX 70W



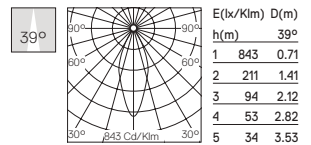
Empotrable para lámpara de halogenuro metálico.
Balasto no incluido.

Metal halide lamp recessed downlight.
Remote control gear not included.

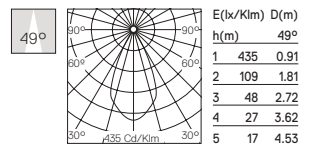
03.4480.B1



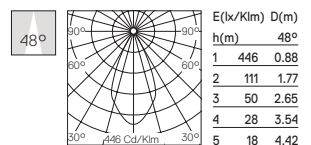
03.4480.GL



03.4480.BU

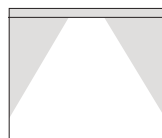


03.4480.74

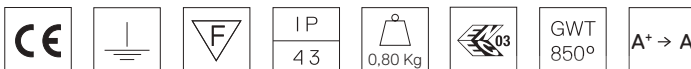


03.4480.CU

Marco de pre-instalación. Se ha de pedir por separado.



Pre-installation frame must be ordered separately.



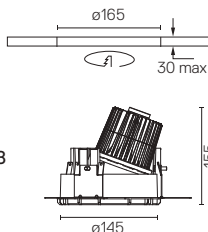
KAP

KAP Ø145 WALL-WASHER



PHOSPHOR LED
 17W
 1400 lm
 2700K/CRI 98

19,5W
 2000 lm
 3000K/CRI 80



Empotrable para LED.
 Módulo Phosphor LED
 integrado. Transformador
 electrónico 220/240V
 remoto incluido.

LED recessed downlight.
 Phosphor LED module
 integrated. Remote
 electronic transformer
 220/240V included.

- 2700K
- Non Dimmable
 - 03.4498.B1B
 - Dali Version
 - 03.4498.B1BDA
 - 1-10V
 - 03.4498.B1B1V

- 3000K
- Non Dimmable
 - 03.4475.B1B
 - Dali Version
 - 03.4475.B1BDA
 - 1-10V
 - 03.4475.B1B1V

- 2700K
- Non Dimmable
 - 03.4498.GLB
 - Dali Version
 - 03.4498.GLBDA
 - 1-10V
 - 03.4498.GLB1V

- 3000K
- Non Dimmable
 - 03.4475.GLB
 - Dali Version
 - 03.4475.GLBDA
 - 1-10V
 - 03.4475.GLB1V

- 2700K
- Non Dimmable
 - 03.4498.BUB
 - Dali Version
 - 03.4498.BUBDA
 - 1-10V
 - 03.4498.BUB1V

- 3000K
- Non Dimmable
 - 03.4475.BUB
 - Dali Version
 - 03.4475.BUBDA
 - 1-10V
 - 03.4475.BUB1V

- 2700K
- Non Dimmable
 - 03.4498.74B
 - Dali Version
 - 03.4498.74BDA
 - 1-10V
 - 03.4498.74B1V

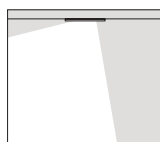
- 3000K
- Non Dimmable
 - 03.4475.74B
 - Dali Version
 - 03.4475.74BDA
 - 1-10V
 - 03.4475.74B1V

- 2700K
- Non Dimmable
 - 03.4498.CUB
 - Dali Version
 - 03.4498.CUBDA
 - 1-10V
 - 03.4498.CUB1V

- 3000K
- Non Dimmable
 - 03.4475.CUB
 - Dali Version
 - 03.4475.CUBDA
 - 1-10V
 - 03.4475.CUB1V

Marco de pre-instalación. Se ha de pedir por separado.

Pre-installation frame must be ordered separately.



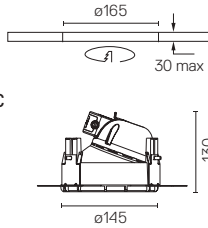
LED INCL.
 NOT REPLACEABLE

KAP

KAP Ø145 WALL-WASHER



QT-12
GY6.35
MAX 65W IRC



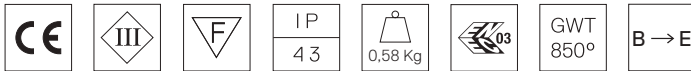
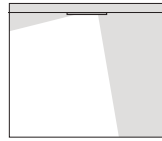
Empotrable para lámpara halógena de 12V.
Transformador remoto no incluido.

12V halogen lamp recessed downlight.
Remote transformer not included.

- 03.4471.B1
- 03.4471.GL
- 03.4471.BU
- 03.4471.74
- 03.4471.CU

Marco de pre-instalación. Se ha de pedir por separado.

Pre-installation frame must be ordered separately.



Criterios: Número de luminarias n>5
 Critería: Number of luminaires n>5
 Altura del techo 3 m
 Heigh of the ceiling 3 m
 Distancia a la pared (m)
 Distance to the wall (m)

0,75	0,75	1,00	1,00
------	------	------	------

Interdistancia entre luminarias (m)
 Distance between the luminaires (m)

0,75	1,00	1,00	1,25
------	------	------	------

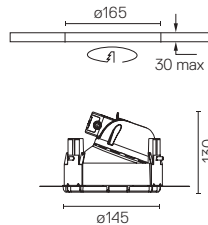
Iluminancia QT-12 75W (lx)
 Illuminance QT-12 75W (lx)

161	124	108	88
-----	-----	-----	----

KAP Ø145 WALL-WASHER



CDM-TC
G8.5
MAX 70W



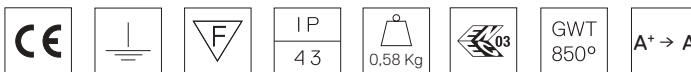
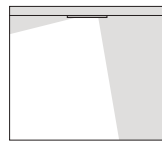
Empotrable para lámpara de halogenuro metálico.
Balasto no incluido.

Metal halide lamp recessed downlight.
Remote control gear not included.

- 03.4470.B1
- 03.4470.GL
- 03.4470.BU
- 03.4470.74
- 03.4470.CU

Marco de pre-instalación. Se ha de pedir por separado.

Pre-installation frame must be ordered separately.



Criterios: Número de luminarias n>5
 Critería: Number of luminaires n>5
 Altura del techo 3 m
 Heigh of the ceiling 3 m
 Distancia a la pared (m)
 Distance to the wall (m)

0,75	0,75	1,00	1,00
------	------	------	------

Interdistancia entre luminarias (m)
 Distance between the luminaires (m)

0,75	1,00	1,00	1,25
------	------	------	------

Iluminancia CDM-TC 35W (lx)
 Illuminance CDM-TC 35W (lx)

368	285	246	201
-----	-----	-----	-----

Distancia a la pared (m)
 Distance to the wall (m)

1,00	1,00	1,25	1,25
------	------	------	------

Interdistancia entre luminarias (m)
 Distance between the luminaires (m)








1,00	1,25	1,25	1,50
------	------	------	------

Iluminancia CDM-TC 70W (lx)
 Illuminance CDM-TC 70W (lx)

471	385	332	282
-----	-----	-----	-----












KAP

ACCESORIOS / ACCESSORIES

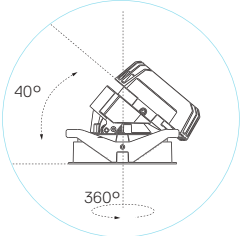
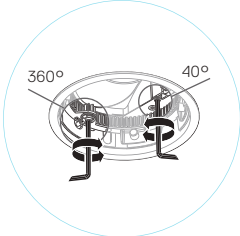
Marco de instalación NO TRIM Kap ø105/□105.		Round <input type="checkbox"/> 08.8155.00 ●
Installation frame NO TRIM Kap ø105/□105.		Square <input type="checkbox"/> 08.8479.00 ●
Marco de instalación NO TRIM Kap ø145/ø145 Wall-Washer.		ø145 <input type="checkbox"/> 08.8156.00 ●
Installation frame NO TRIM Kap ø145/ø145 Wall-Washer.		ø145 Wall-Washer <input type="checkbox"/> 08.8251.00 ●
Marco de instalación TRIM Kap ø145/ø145 Wall-Washer.		<input type="checkbox"/> 08.8491.30 ● <input type="checkbox"/> 08.8491.GL ● <input type="checkbox"/> 08.8491.BU ● <input type="checkbox"/> 08.8491.14 ● <input type="checkbox"/> 08.8491.CU ●
Installation frame TRIM Kap ø145/ø145 Wall-Washer.		
Can de instalación para cemento del Kap ø105/ø145.		ø105 <input type="checkbox"/> 08.8420.00 ●
Installation can for concrete Kap ø105/ ø145.		ø145 <input type="checkbox"/> 08.8421.00 ●

LIGHT SHOOTER

DESIGNED BY FLOS ARCHITECTURAL

Versión Version	FIXED TRIM / NO TRIM	ADJUSTABLE TRIM / NO TRIM	WALL-WASHER TRIM / NO TRIM	EASY ADJUSTABLE TRIM
				
				
Fuentes de Luz Light Sources	 POWER LED 10W 730 lm 2700K/CRI 90 10W 1000 lm 3000K/CRI 80	 HIGH POWER LED 11W 910 lm 2700K/CRI 90 11W 1210 lm 3000K/CRI 80	 LED QR-CBC 51 GX5.3 MAX 10W	 LED PAR 16 GZ10 MAX 10W

Colores Colours	<input type="checkbox"/> 40 Blanco 40 White	<input type="checkbox"/> 14 Negro 14 Black
		

Rotación Rotation Features	Puede ser rotado 360° y orientado 40°. Can be rotated 360° and swivelled 40°.
	 

LIGHT SHOOTER

Descripción

Luminarias empotradas tipo LED, halógeno, halogenuro y dicroica LED de altas prestaciones. Combinan la última tecnología LED con un sistema cónico muy eficiente diseñado para combinar un alto rendimiento y gran protección contra el deslumbramiento.

Disponible en potencias de hasta 11W en LED. Disponible para instalaciones Trim y No Trim y versiones fija, ajustable y Wall-Washer.

La versión ajustable lleva integrado un goniómetro que ayuda a conseguir el haz de luz deseado con un mecanismo preciso de fácil utilización que facilita su manipulación y ahorra tiempos en instalación. Su mecanismo de bloqueo torx asegura el ángulo de haz de luz deseado.

Las versiones fija y ajustable LED están disponibles con ópticas cerradas y abiertas (spot y flood).

Para garantizar una perfecta coherencia en una misma instalación también está disponible la versión Wall-Washer con las mismas alternativas de LED que las versiones fija y ajustable.

Disponible en los acabados: blanco (40) y negro (14).

Reflectores

Las versiones fija y ajustable LED están disponibles con ópticas cerradas y abiertas (spot y flood).

Fuentes de Luz

LED:

- Power LED, 10W.
- High Power LED, 11W.
- LED QR-CBC 51, max 10W.
- LED PAR 16, max 10W.

Unidades de Alimentación

Cableado incluido, disponible para conectar a equipo remoto. Versiones sin equipo y regulable 1-10V disponibles bajo petición.

Accesorios

LED:

- lente de distribución elíptica.
- rejilla antideslumbramiento realizada en celdas de aluminio.

Información Adicional

En las versiones ajustables, basculación de 40° y rotación de 360°.

Índice de protección IP44.

Clase de aislamiento II.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

High performance LED, halogen, halide and LED dichroic recessed luminaires. Combines the latest LED technology and a very efficient conical system designed to combine high performance with excellent glare protection.

Available in wattages up to 11W in LED. Available for Trim and No Trim installations and fixed, adjustable and Wall-Washer versions.

The adjustable version has an integrated goniometer to achieve the desired beam and its easy-to-use precision mechanism makes it easy to handle and quick to install. Its Torx block mechanism ensures the desired beam angle. The fixed and adjustable LED versions are available with enclosed and open optics (spot and flood).

To ensure complete coherency in the same installation, the Wall-Washer version is available with the same LED options as the fixed and adjustable versions.

Available finishes: white (40) and black (14).

Reflectors

The fixed and adjustable LED versions are available with enclosed and open optics (spot and flood).

Light Sources

LED:

- Power LED, 10W.
- High Power LED, 11W.
- LED QR-CBC 51, max 10W.
- LED PAR 16, max 10W.

Power Supply

Cabling included, ready to be powered by included remote driver.

Versions without driver and 1-10V dimmable available on request.

Accessories

LED:

- elliptical distribution lens.
- anti-glare grid in aluminium cells with black liquid paint finish.

Additional Information

In the adjustable versions, 40° tilting and 360° rotation.

IP44 protection grade.

Insulation class II.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

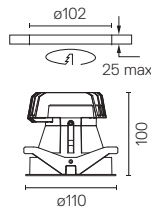
LIGHT SHOOTER

LIGHT SHOOTER FIXED TRIM



POWER LED
10W
730 lm
2700K/CRI 90

10W
1000 lm
3000K/CRI 80



Empotrable de altas prestaciones para fuente de luz LED. Fuente de alimentación remota 220-240V incluida.

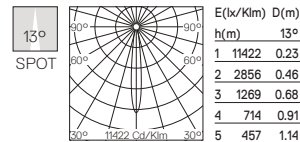
High-performance embedded light fixture for LED light source. Remote 220-240V power supply included.

2700K - TRIM
Non Dimmable
03.6509.40
03.6509.14
Dali Version/1-10V
03.6509.40.DA
03.6509.14.DA

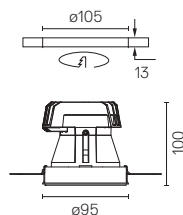
2700K - NO TRIM
Non Dimmable
03.6529.40
03.6529.14
Dali Version/1-10V
03.6529.40.DA
03.6529.14.DA

3000K - TRIM
Non Dimmable
03.6506.40
03.6506.14
Dali Version/1-10V
03.6506.40.DA
03.6506.14.DA

3000K - NO TRIM
Non Dimmable
03.6526.40
03.6526.14
Dali Version/1-10V
03.6526.40.DA
03.6526.14.DA



LIGHT SHOOTER FIXED NO TRIM



Marco de pre-instalación incluido en las versiones No Trim.

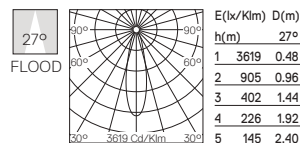
Pre-installation frame included in No Trim versions.

2700K - TRIM
Non Dimmable
03.6510.40
03.6510.14
Dali Version/1-10V
03.6510.40.DA
03.6510.14.DA

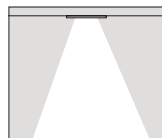
2700K - NO TRIM
Non Dimmable
03.6530.40
03.6530.14
Dali Version/1-10V
03.6530.40.DA
03.6530.14.DA

3000K - TRIM
Non Dimmable
03.6507.40
03.6507.14
Dali Version/1-10V
03.6507.40.DA
03.6507.14.DA

3000K - NO TRIM
Non Dimmable
03.6527.40
03.6527.14
Dali Version/1-10V
03.6527.40.DA
03.6527.14.DA



LED INCL.
NOT REPLACEABLE



h=160 min

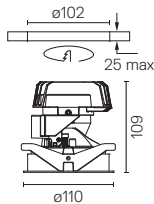
LIGHT SHOOTER

LIGHT SHOOTER ADJUSTABLE TRIM



POWER LED
10W
730 lm
2700K/CRI 90

10W
1000 lm
3000K/CRI 80



Empotrable de altas prestaciones para fuente de luz LED. Fuente de alimentación remota 220-240V incluida.

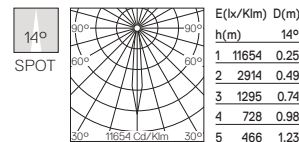
High-performance embedded light fixture for LED light source. Remote 220-240V power supply included.

2700K - TRIM
Non Dimmable
03.6503.40
03.6503.14
Dali Version/1-10V
03.6503.40.DA
03.6503.14.DA

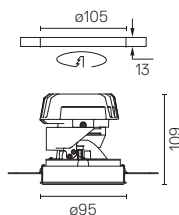
2700K - NO TRIM
Non Dimmable
03.6523.40
03.6523.14
Dali Version/1-10V
03.6523.40.DA
03.6523.14.DA

3000K - TRIM
Non Dimmable
03.6500.40
03.6500.14
Dali Version/1-10V
03.6500.40.DA
03.6500.14.DA

3000K - NO TRIM
Non Dimmable
03.6520.40
03.6520.14
Dali Version/1-10V
03.6520.40.DA
03.6520.14.DA



LIGHT SHOOTER ADJUSTABLE NO TRIM



Marco de pre-instalación incluido en las versiones No Trim.

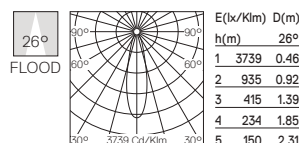
Pre-installation frame included in No Trim versions.

2700K - TRIM
Non Dimmable
03.6504.40
03.6504.14
Dali Version/1-10V
03.6504.40.DA
03.6504.14.DA

2700K - NO TRIM
Non Dimmable
03.6524.40
03.6524.14
Dali Version/1-10V
03.6524.40.DA
03.6524.14.DA

3000K - TRIM
Non Dimmable
03.6501.40
03.6501.14
Dali Version/1-10V
03.6501.40.DA
03.6501.14.DA

3000K - NO TRIM
Non Dimmable
03.6521.40
03.6521.14
Dali Version/1-10V
03.6521.40.DA
03.6521.14.DA



LED INCL.
NOT REPLACEABLE



h=170 min

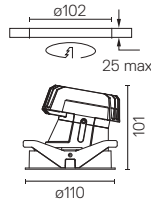
LIGHT SHOOTER

LIGHT SHOOTER WALL-WASHER TRIM



POWER LED
10W
730 lm
2700K/CRI 90

10W
1000 lm
3000K/CRI 80



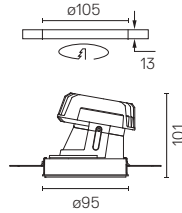
Empotrable de altas prestaciones para fuente de luz LED. Fuente de alimentación remota 220-240V incluida.

High-performance embedded light fixture for LED light source. Remote 220-240V power supply included.

2700K - TRIM
Non Dimmable
03.6514.40
03.6514.14
Dali Version/1-10V
03.6514.40.DA
03.6514.14.DA

2700K - NO TRIM
Non Dimmable
03.6534.40
03.6534.14
Dali Version/1-10V
03.6534.40.DA
03.6534.14.DA

LIGHT SHOOTER WALL-WASHER NO TRIM



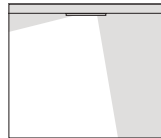
Marco de pre-instalación incluido en las versiones No Trim.

Pre-installation frame included in No Trim versions.

3000K - TRIM
Non Dimmable
03.6512.40
03.6512.14
Dali Version/1-10V
03.6512.40.DA
03.6512.14.DA

3000K - NO TRIM
Non Dimmable
03.6532.40
03.6532.14
Dali Version/1-10V
03.6532.40.DA
03.6532.14.DA

LED INCL.
NOT REPLACEABLE



h=160 min

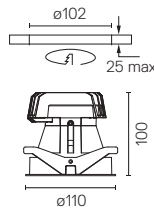
LIGHT SHOOTER

LIGHT SHOOTER HP FIXED TRIM



**HIGH POWER
LED**
11W
910 lm
2700K/CRI 90

11W
1210 lm
3000K/CRI 80



Empotrable de altas prestaciones para fuente de luz LED. Fuente de alimentación remota 220-240V incluida.

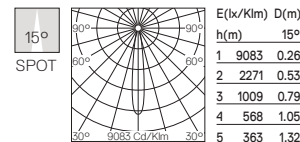
High-performance embedded light fixture for LED light source. Remote 220-240V power supply included.

2700K - TRIM
Non Dimmable
03.6566.40
03.6566.14
Dali Version/1-10V
03.6566.40.DA
03.6566.14.DA

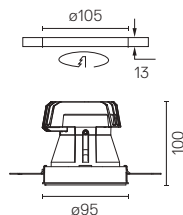
2700K - NO TRIM
Non Dimmable
03.6576.40
03.6576.14
Dali Version/1-10V
03.6576.40.DA
03.6576.14.DA

3000K - TRIM
Non Dimmable
03.6564.40
03.6564.14
Dali Version/1-10V
03.6564.40.DA
03.6564.14.DA

3000K - NO TRIM
Non Dimmable
03.6574.40
03.6574.14
Dali Version/1-10V
03.6574.40.DA
03.6574.14.DA



LIGHT SHOOTER HP FIXED NO TRIM



Marco de pre-instalación incluido en las versiones No Trim.

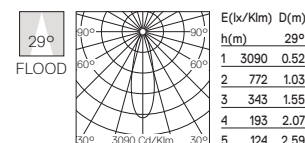
Pre-installation frame included in No Trim versions.

2700K - TRIM
Non Dimmable
03.6567.40
03.6567.14
Dali Version/1-10V
03.6567.40.DA
03.6567.14.DA

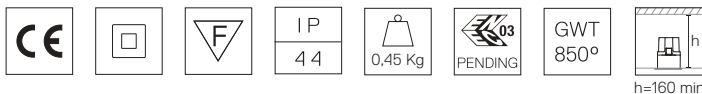
2700K - NO TRIM
Non Dimmable
03.6577.40
03.6577.14
Dali Version/1-10V
03.6577.40.DA
03.6577.14.DA

3000K - TRIM
Non Dimmable
03.6565.40
03.6565.14
Dali Version/1-10V
03.6565.40.DA
03.6565.14.DA

3000K - NO TRIM
Non Dimmable
03.6575.40
03.6575.14
Dali Version/1-10V
03.6575.40.DA
03.6575.14.DA



LED INCL.
NOT REPLACEABLE



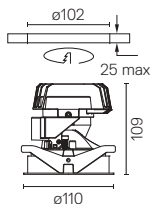
LIGHT SHOOTER

LIGHT SHOOTER HP ADJUSTABLE TRIM



**HIGH POWER
LED**
11W
910 lm
2700K/CRI 90

11W
1210 lm
3000K/CRI 80



Empotrable de altas prestaciones para fuente de luz LED. Fuente de alimentación remota 220-240V incluida.

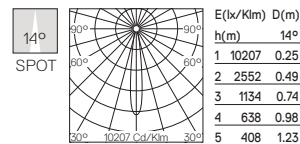
High-performance embedded light fixture for LED light source. Remote 220-240V power supply included.

- 2700K - TRIM
- Non Dimmable
 - 03.6562.40
 - 03.6562.14
 - Dali Version/1-10V
 - 03.6562.40.DA
 - 03.6562.14.DA

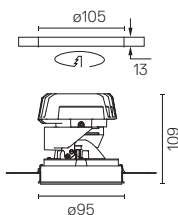
- 2700K - NO TRIM
- Non Dimmable
 - 03.6572.40
 - 03.6572.14
 - Dali Version/1-10V
 - 03.6572.40.DA
 - 03.6572.14.DA

- 3000K - TRIM
- Non Dimmable
 - 03.6560.40
 - 03.6560.14
 - Dali Version/1-10V
 - 03.6560.40.DA
 - 03.6560.14.DA

- 3000K - NO TRIM
- Non Dimmable
 - 03.6570.40
 - 03.6570.14
 - Dali Version
 - 03.6570.40.DA
 - 03.6570.14.DA



LIGHT SHOOTER HP ADJUSTABLE NO TRIM



Marco de pre-instalación incluido en las versiones No Trim.

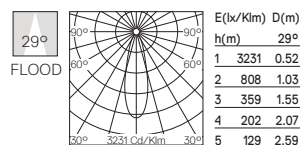
Pre-installation frame included in No Trim versions.

- 2700K - TRIM
- Non Dimmable
 - 03.6563.40
 - 03.6563.14
 - Dali Version/1-10V
 - 03.6563.40.DA
 - 03.6563.14.DA

- 2700K - NO TRIM
- Non Dimmable
 - 03.6573.40
 - 03.6573.14
 - Dali Version/1-10V
 - 03.6573.40.DA
 - 03.6573.14.DA

- 3000K - TRIM
- Non Dimmable
 - 03.6561.40
 - 03.6561.14
 - Dali Version/1-10V
 - 03.6561.40.DA
 - 03.6561.14.DA

- 3000K - NO TRIM
- Non Dimmable
 - 03.6571.40
 - 03.6571.14
 - Dali Version/1-10V
 - 03.6571.40.DA
 - 03.6571.14.DA



LED INCL.
NOT REPLACEABLE



h=170 min

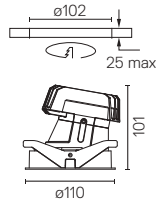
LIGHT SHOOTER

LIGHT SHOOTER HP WALL-WASHER TRIM



**HIGH POWER
LED**
11W
910 lm
2700K/CRI 90

11W
1210 lm
3000K/CRI 80



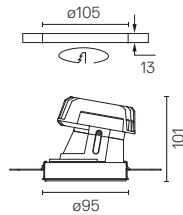
Empotrable de altas prestaciones para fuente de luz LED. Fuente de alimentación remota 220-240V incluida.

High-performance embedded light fixture for LED light source. Remote 220-240V power supply included.

2700K - TRIM
Non Dimmable
03.6569.40
03.6569.14
Dali Version/1-10V
03.6569.40.DA
03.6569.14.DA

2700K - NO TRIM
Non Dimmable
03.6579.40
03.6579.14
Dali Version/1-10V
03.6579.40.DA
03.6579.14.DA

LIGHT SHOOTER HP WALL-WASHER NO TRIM



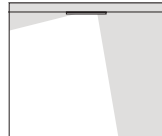
Marco de pre-instalación incluido en las versiones No Trim.

Pre-installation frame included in No Trim versions.

3000K - TRIM
Non Dimmable
03.6568.40
03.6568.14
Dali Version/1-10V
03.6568.40.DA
03.6568.14.DA

3000K - NO TRIM
Non Dimmable
03.6578.40
03.6578.14
Dali Version/1-10V
03.6578.40.DA
03.6578.14.DA

LED INCL.
NOT REPLACEABLE

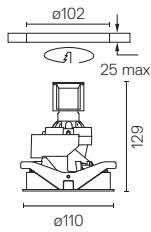


LIGHT SHOOTER

EASY LIGHT SHOOTER ADJUSTABLE TRIM



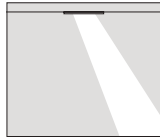
LED
QR-CBC 51
GX5.3
MAX 10W



Empotrable de
altas prestaciones.
Transformador remoto no
incluido.

03.6580.40
03.6580.14

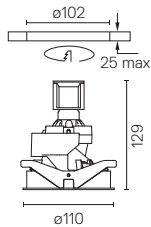
High performance
recessed downlight.
Remote transformer not
included.



EASY LIGHT SHOOTER ADJUSTABLE TRIM



LED
PAR 16
GZ10
MAX 10W



Empotrable de
altas prestaciones.
Alimentación directa a red.

03.6581.40
03.6581.14

High performance
recessed downlight with
main voltage source.



LIGHT SHOOTER

ACCESORIOS / ACCESSORIES

Accesorios aplicables para las versiones: Power LED / High Power LED.
Accessories for the versions: Power LED / High Power LED.

Lente para la distribución elíptica del
flujo luminoso.



08.8041.68

Elliptical light distribution lens.

Rejilla anti-deslumbramiento
realizada con celdas de aluminio tipo
"Honeycomb".










08.8412.14


"Honeycomb" anti-glare grid made of
aluminium cells.

LIGHT SNIPER

DESIGNED BY FLOS ARCHITECTURAL

Versión Version	FIXED	FIXED	FIXED DOUBLE FOCUS	ADJUSTABLE	ADJUSTABLE	WALL-WASHER
						
						
Fuentes de Luz Light Sources	 PHOSPHOR LED 13W 1000 lm 3000K/CRI 80 13,4W 700 lm 3000K/CRI 95  POWER LED 11W 910 lm 2700K/CRI 90 11W 1210 lm 3000K/CRI 80	 QR-CBC 51 GX5.3 MAX 50W - OR - LED QR-CBC 51 7/10W  HI PAR 51 GX10 MAX 35W	 QT-12 GY6.35 MAX 50W  CDM-TM PGJ5 MAX 35W	 PHOSPHOR LED 8,3W 720 lm 3000K/CRI 80 9,4W 550 lm 3000K/CRI 95  POWER LED 11W 910 lm 2700K/CRI 90 11W 1210 lm 3000K/CRI 80	 QR-CBC 51 GX5.3 MAX 50W - OR - LED QR-CBC 51 7/10W  HI PAR 51 GX10 MAX 35W	 POWER LED 11W 910 lm 2700K/CRI 90 11W 1210 lm 3000K/CRI 80  QR-CBC 51 GX5.3 MAX 50W  HI PAR 51 GX10 MAX 35W

Colores
Colours

 06 Cromo
06 Chrome

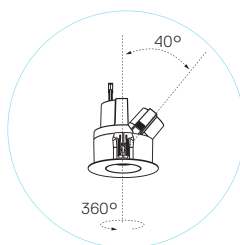
 GL Oro Mate
GL Matt Gold

 14 Negro Mate
14 Matt Black



Rotación
Rotation Features

Puede ser rotado 360° y orientado 40°.
Can be rotated 360° and swivelled 40°.



Descripción

Luminarias empotrables de altas prestaciones para lámparas halógenas con reflector dicróico, lámparas reflectoras de halogenuro metálico y en versión LED. Ofrecen un alto confort debido a la posición retrasada de la fuente de luz visual.

Cuerpo de la luminaria realizado en dos cuerpos de aluminio inyectado. Aro frontal realizado en chapa de acero de 1 mm de espesor redondo o cuadrado en acabado blanco mate (RAL 9001). Dispone de conos apantalladores realizados en inyección de zamak en tres decorados: negro, oro mate y cromo. Versiones fijas, basculantes y bañadores de pared. Lente difusora realizada en cristal templado opal en las versiones halógenas fijas y basculantes. En las versiones wall washer incorpora lente de distribución realizada en borosilicato.

Disponible en los acabados: cromo (06), oro mate (GL) y negro mate (14).

Reflectores

En la versiones QT-12 y CDM-TM, reflectores realizados en aluminio superpuro en acabado especular.

Fuentes de Luz

LED:

- Phosphor LED: 13,4/13/9,4/8,3W.
- Power LED, 11W.

Halógenas:

- QR-CBC 51, max 50W. (Es posible hacer un retrofit con lámparas LED convencionales).
- * Retrofit recomendado solo con lámparas de FLOS.
- QT-12, max 50W.

De descarga:

- HI PAR 51, max 35W.
- CDM-TM, max 35W.

Unidades de Alimentación

Precableado incluido, listo para ser alimentado mediante dispositivos a distancia.

LED:

- fuente de alimentación remota 220-240V incluida.

Halógenas:

- transformador electrónico 20/105W, 220/240V, 50/60Hz con regulación de intensidad mediante dispositivo "trailing edge".

De descarga:

- unidad de alimentación convencional de bajas pérdidas 35/70W, 220/240V, 50/60Hz.
- unidad de alimentación electrónica de última generación 35/70W, 220/240V, 50/60Hz.

Accesorios

- accesorio protector de techo. Recomendable para instalación en techos delicados.
- accesorio flush. Permite la instalación enrasada a techo o pared.
- accesorio CAN de instalación en hormigón. Facilita la instalación en techos de hormigón. Es necesario disponer e instalar del accesorio antes de realizar el techo de hormigón.
- rejilla antideslumbramiento realizada con celdas de aluminio. (No disponible para las versiones HI PAR 51).
- filtros cromáticos. (No disponibles para las versiones HI PAR 51).

Información Adicional

En las versiones ajustables, posibilidad de basculación de 40° y de rotación de 360°.

Índice de protección IP23, IP44, según las versiones.

Clase de aislamiento I, II, III, según las versiones.

Instalable sobre superficies normalmente inflamables.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

High performance recessed luminaires for halogen lamps with dichroic reflector, metal halide reflector lamps or in LED version. They offer a high comfort due to the back visual position of light source.

Body of the luminaire made of two bodies of injected aluminium. Round or square front ring made of steel sheet 1 mm thick with white matt finish (RAL 9001). It incorporates shielded cones made in zamak injection in three sets: black, matt gold and chrome. Fixed, tilt and wallwashers versions. Spreading lens made in opal tempered glass in halogen fixed and tilt versions. In wall washer versions a distribution lens made of borosilicate is incorporated.

Available finishes: chrome (06), matt gold (GL) and matt black (14).

Reflectors

The QT-12 versions and CDM-TM, reflectors made of pure aluminum specular finish.

Light Sources

LED:

- Phosphor LED: 13,4/13/9,4/8,3W.
- Power LED, 11W.

Halogen:

- QR-CBC 51, max 50W. (Retrofit possible with conventional LED lamps).

* Retrofit recommended only with FLOS lamps.

- QT-12, max 50W.

Discharge:

- HI PAR 51, max 35W.
- CDM-TM, max 35W.

Power Supply

Cabling included, ready to be powered by remote devices.

LED:

Remote 220-240V power supply included.

Halogen:

- electronic transformer 20/105W, 220/240V, 50/60Hz suitable for dimming when used with trailing edge dimmers.

Discharge:

- traditional low-loss power supply 35/70W, 220/240V, 50/60Hz.
- next-generation electronic power supply 35/70W, 220/240V, 50/60Hz.

Accessories

- accessory for ceiling protection. Recommended for delicate ceiling installation.
- accessory flush. Allows flush installation to ceiling or wall.
- CAN accessory for installation in concrete. Facilitates installation on concrete ceilings. It is necessary to install fixture prior to the concrete ceiling.
- honeycomb made of aluminium. (Not available for HI PAR 51 versions).
- chromatic filters. (Not available for HI PAR 51 versions).

Additional Information

In the adjustable versions, the possibility of tilting of 40° and 360° rotation.

IP23, IP44 protection grade depending on the versions.

Insulation class I, II, III depending on the versions.

Suitable for installation on normally inflammable surfaces.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

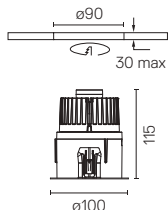
LIGHT SNIPER

LIGHT SNIPER FIXED ROUND



PHOSPHOR LED
 13W
 1000 lm
 3000K/CRI 80

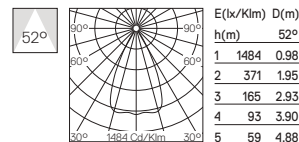
13,4W
 700 lm
 3000K/CRI 95



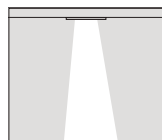
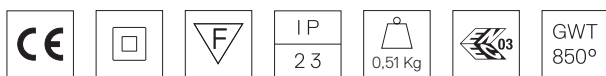
Empotrable de altas prestaciones para fuente de luz LED. Fuente de alimentación remota 220-240V incluida.

High-performance embedded light fixture for LED light source. Remote 220-240V power supply included.

- CRI 80**
- Non Dimmable
 - 03.4630.06A
 - 03.4630.GLA
 - 03.4630.14A
 - Dali Version
 - 03.4630.06.DA
 - 03.4630.GL.DA
 - 03.4630.14.DA
 - 1-10V
 - 03.4630.06A1V
 - 03.4630.GLA1V
 - 03.4630.14A1V



LED INCL.
 NOT REPLACEABLE



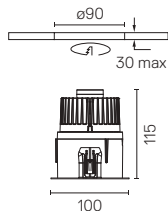
- CRI 95**
- Non Dimmable
 - 03.4632.06
 - 03.4632.GL
 - 03.4632.14
 - Dali Version
 - 03.4632.06.DA
 - 03.4632.GL.DA
 - 03.4632.14.DA
 - 1-10V
 - 03.4632.06.1V
 - 03.4632.GL.1V
 - 03.4632.14.1V

LIGHT SNIPER FIXED SQUARE



PHOSPHOR LED
 13W
 1000 lm
 3000K/CRI 80

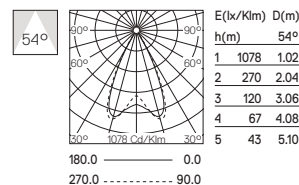
13,4W
 700 lm
 3000K/CRI 95



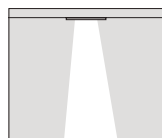
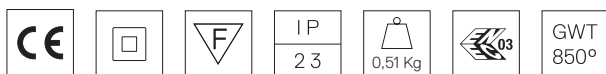
Empotrable de altas prestaciones para fuente de luz LED. Fuente de alimentación remota 220-240V incluida.

High-performance embedded light fixture for LED light source. Remote 220-240V power supply included.

- CRI 80**
- Non Dimmable
 - 03.4631.06A
 - 03.4631.GLA
 - 03.4631.14A
 - Dali Version
 - 03.4631.06.DA
 - 03.4631.GL.DA
 - 03.4631.14.DA
 - 1-10V
 - 03.4631.06A1V
 - 03.4631.GLA1V
 - 03.4631.14A1V



LED INCL.
 NOT REPLACEABLE



- CRI 95**
- Non Dimmable
 - 03.4633.06
 - 03.4633.GL
 - 03.4633.14
 - Dali Version
 - 03.4633.06.DA
 - 03.4633.GL.DA
 - 03.4633.14.DA
 - 1-10V
 - 03.4633.06.1V
 - 03.4633.GL.1V
 - 03.4633.14.1V

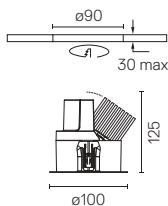
LIGHT SNIPER

LIGHT SNIPER ADJUSTABLE ROUND



PHOSPHOR LED
 8,3W
 720 lm
 3000K/CRI 80

9,4W
 550 lm
 3000K/CRI 95

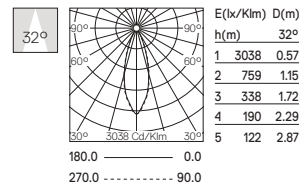


Empotrable de altas prestaciones para fuente de luz LED. Fuente de alimentación remota 220-240V incluida.

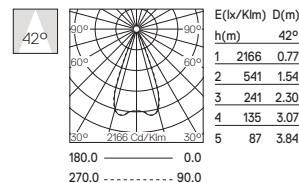
High-performance embedded light fixture for LED light source. Remote 220-240V power supply included.

- CRI 80**
- Non Dimmable
 - 03.4680.06A
 - 03.4680.GLA
 - 03.4680.14A
 - Dali Version
 - 03.4680.06.DA
 - 03.4680.GL.DA
 - 03.4680.14.DA
 - 1-10V
 - 03.4680.06A1V
 - 03.4680.GLA1V
 - 03.4680.14A1V

- CRI 95**
- Non Dimmable
 - 03.4682.06
 - 03.4682.GL
 - 03.4682.14
 - Dali Version
 - 03.4682.06.DA
 - 03.4682.GL.DA
 - 03.4682.14.DA
 - 1-10V
 - 03.4682.06.1V
 - 03.4682.GL.1V
 - 03.4682.14.1V



- CRI 80**
- Non Dimmable
 - 03.4681.06A
 - 03.4681.GLA
 - 03.4681.14A
 - Dali Version
 - 03.4681.06.DA
 - 03.4681.GL.DA
 - 03.4681.14.DA
 - 1-10V
 - 03.4681.06.1V
 - 03.4681.GL.1V
 - 03.4681.14.1V



- CRI 95**
- Non Dimmable
 - 03.4683.06
 - 03.4683.GL
 - 03.4683.14
 - Dali Version
 - 03.4683.06.DA
 - 03.4683.GL.DA
 - 03.4683.14.DA
 - 1-10V
 - 03.4683.06.1V
 - 03.4683.GL.1V
 - 03.4683.14.1V

LED INCL.
 NOT REPLACEABLE



360°

40°

CE

□

F

IP
2 3

0,51 Kg

GWT
850°

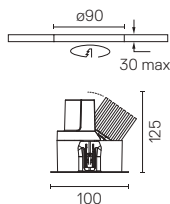
LIGHT SNIPER

LIGHT SNIPER ADJUSTABLE SQUARE



PHOSPHOR LED
 8,3W
 720 lm
 3000K/CRI 80

9,4W
 550 lm
 3000K/CRI 95



Empotrable de altas prestaciones para fuente de luz LED. Fuente de alimentación remota 220-240V incluida.

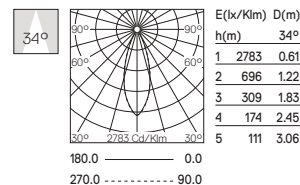
High-performance embedded light fixture for LED light source. Remote 220-240V power supply included.

CRI 80

- Non Dimmable
- 03.4684.06A
- 03.4684.GLA
- 03.4684.14A
- Dali Version
- 03.4684.06ADA
- 03.4684.GLADA
- 03.4684.14ADA
- 1-10V
- 03.4684.06A1V
- 03.4684.GLA1V
- 03.4684.14A1V

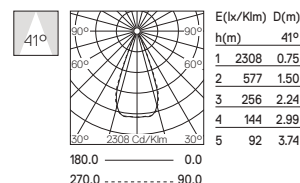
CRI 95

- Non Dimmable
- 03.4686.06
- 03.4686.GL
- 03.4686.14
- Dali Version
- 03.4686.06.DA
- 03.4686.GL.DA
- 03.4686.14.DA
- 1-10V
- 03.4686.06.1V
- 03.4686.GL.1V
- 03.4686.14.1V



CRI 80

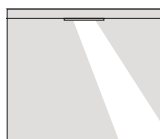
- Non Dimmable
- 03.4685.06A
- 03.4685.GLA
- 03.4685.14A
- Dali Version
- 03.4685.06.DA
- 03.4685.GL.DA
- 03.4685.14.DA
- 1-10V
- 03.4685.06A1V
- 03.4685.GLA1V
- 03.4685.14A1V



CRI 95

- Non Dimmable
- 03.4687.06
- 03.4687.GL
- 03.4687.14
- Dali Version
- 03.4687.06.DA
- 03.4687.GL.DA
- 03.4687.14.DA
- 1-10V
- 03.4687.06.1V
- 03.4687.GL.1V
- 03.4687.14.1V

LED INCL.
 NOT REPLACEABLE



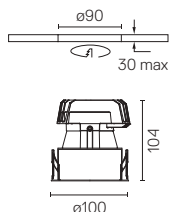
LIGHT SNIPER

LIGHT SNIPER FIXED ROUND



POWER LED
 11W
 910 lm
 2700K/CRI 90

11W
 1210 lm
 3000K/CRI 80

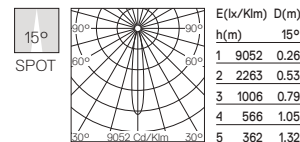


Empotrable de altas prestaciones para fuente de luz LED. Fuente de alimentación remota 220-240V incluida.

High-performance embedded light fixture for LED light source. Remote 220-240V power supply included.

- 2700K
- Non Dimmable
 - 03.4981.06
 - 03.4981.GL
 - 03.4981.14
 - Dali Version
 - 03.4981.06.DA
 - 03.4981.GL.DA
 - 03.4981.14.DA

- 3000K
- Non Dimmable
 - 03.4980.06
 - 03.4980.GL
 - 03.4980.14
 - Dali Version
 - 03.4980.06.DA
 - 03.4980.GL.DA
 - 03.4980.14.DA



LED INCL.
NOT REPLACEABLE

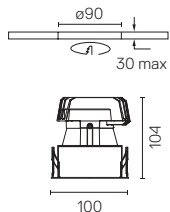


LIGHT SNIPER FIXED SQUARE



POWER LED
 11W
 910 lm
 2700K/CRI 90

11W
 1210 lm
 3000K/CRI 80

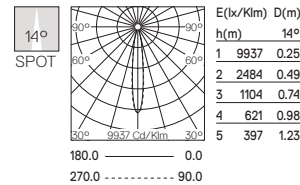


Empotrable de altas prestaciones para fuente de luz LED. Fuente de alimentación remota 220-240V incluida.

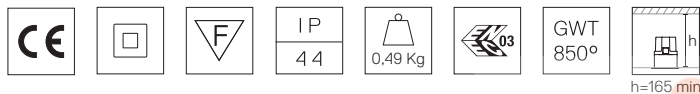
High-performance embedded light fixture for LED light source. Remote 220-240V power supply included.

- 2700K
- Non Dimmable
 - 03.4983.06
 - 03.4983.GL
 - 03.4983.14
 - Dali Version
 - 03.4983.06.DA
 - 03.4983.GL.DA
 - 03.4983.14.DA

- 3000K
- Non Dimmable
 - 03.4982.06
 - 03.4982.GL
 - 03.4982.14
 - Dali Version
 - 03.4982.06.DA
 - 03.4982.GL.DA
 - 03.4982.14.DA

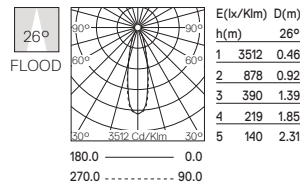


LED INCL.
NOT REPLACEABLE



- 2700K
- Non Dimmable
 - 03.4995.06
 - 03.4995.GL
 - 03.4995.14
 - Dali Version
 - 03.4995.06.DA
 - 03.4995.GL.DA
 - 03.4995.14.DA

- 3000K
- Non Dimmable
 - 03.4994.06
 - 03.4994.GL
 - 03.4994.14
 - Dali Version
 - 03.4994.06.DA
 - 03.4994.GL.DA
 - 03.4994.14.DA



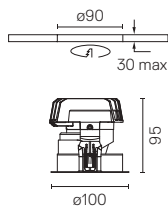
LIGHT SNIPER

LIGHT SNIPER ADJUSTABLE ROUND



POWER LED
11W
910 lm
2700K/CRI 90

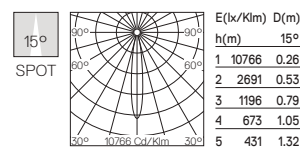
11W
1210 lm
3000K/CRI 80



Empotrable de altas prestaciones para fuente de luz LED. Fuente de alimentación remota 220-240V incluida.

High-performance embedded light fixture for LED light source. Remote 220-240V power supply included.

- 2700K
- Non Dimmable
 - 03.4985.06
 - 03.4985.GL
 - 03.4985.14
 - Dali Version
 - 03.4985.06.DA
 - 03.4985.GL.DA
 - 03.4985.14.DA



- 3000K
- Non Dimmable
 - 03.4984.06
 - 03.4984.GL
 - 03.4984.14
 - Dali Version
 - 03.4984.06.DA
 - 03.4984.GL.DA
 - 03.4984.14.DA

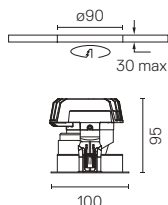


LIGHT SNIPER ADJUSTABLE SQUARE



POWER LED
11W
910 lm
2700K/CRI 90

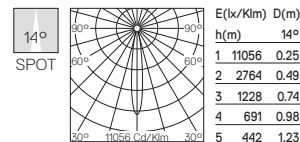
11W
1210 lm
3000K/CRI 80



Empotrable de altas prestaciones para fuente de luz LED. Fuente de alimentación remota 220-240V incluida.

High-performance embedded light fixture for LED light source. Remote 220-240V power supply included.

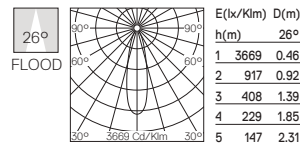
- 2700K
- Non Dimmable
 - 03.4987.06
 - 03.4987.GL
 - 03.4987.14
 - Dali Version
 - 03.4987.06.DA
 - 03.4987.GL.DA
 - 03.4987.14.DA



- 3000K
- Non Dimmable
 - 03.4986.06
 - 03.4986.GL
 - 03.4986.14
 - Dali Version
 - 03.4986.06.DA
 - 03.4986.GL.DA
 - 03.4986.14.DA



- 2700K
- Non Dimmable
 - 03.4999.06
 - 03.4999.GL
 - 03.4999.14
 - Dali Version
 - 03.4999.06.DA
 - 03.4999.GL.DA
 - 03.4999.14.DA



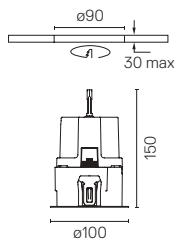
- 3000K
- Non Dimmable
 - 03.4998.06
 - 03.4998.GL
 - 03.4998.14
 - Dali Version
 - 03.4998.06.DA
 - 03.4998.GL.DA
 - 03.4998.14.DA

LIGHT SNIPER

LIGHT SNIPER FIXED ROUND DOUBLE FOCUS



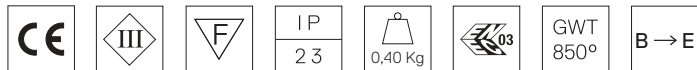
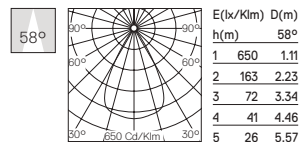
QT-12
GY6.35
MAX 50W



Empotrable de altas prestaciones para lámpara halógena de 12V. Transformador remoto no incluido.

03.4610.06

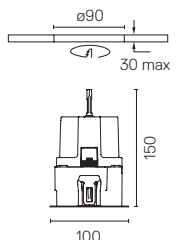
High performance 12V halogen lamp recessed downlight. Remote transformer not included.



LIGHT SNIPER FIXED SQUARE DOUBLE FOCUS



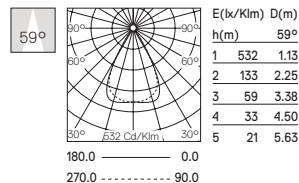
QT-12
GY6.35
MAX 50W



Empotrable de altas prestaciones para lámpara halógena de 12V. Transformador remoto no incluido.

03.4611.06

High performance 12V halogen lamp recessed downlight. Remote transformer not included.



LIGHT SNIPER FIXED ROUND

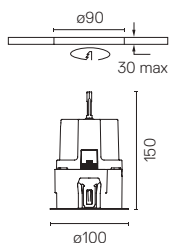


QR-CBC 51
GX5.3
MAX 50W

-OR-



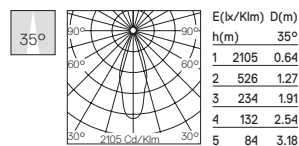
LED
QR-CBC 51
GX5.3
7/10W



Empotrable de altas prestaciones para lámpara halógena de 12V. Transformador remoto no incluido.

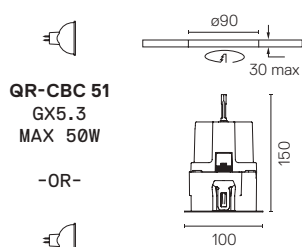
03.4600.06
03.4600.GL
03.4600.14

High performance 12V halogen lamp recessed downlight. Remote transformer not included.



LIGHT SNIPER

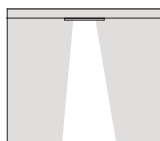
LIGHT SNIPER FIXED SQUARE



QR-CBC 51
GX5.3
MAX 50W

-OR-

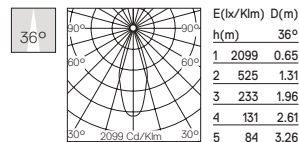
LED
QR-CBC 51
GX5.3
7/10W



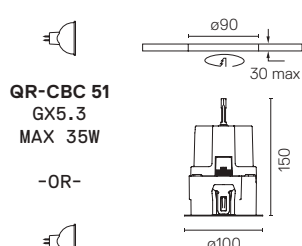
Empotrable de altas prestaciones para lámpara halógena de 12V. Transformador remoto no incluido.

High performance 12V halogen lamp recessed downlight. Remote transformer not included.

- 03.4601.06
- 03.4601.GL
- 03.4601.14



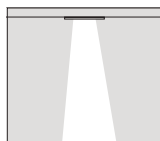
LIGHT SNIPER FIXED ROUND



QR-CBC 51
GX5.3
MAX 35W

-OR-

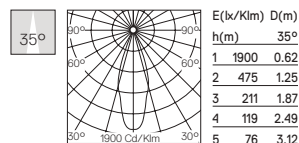
LED
QR-CBC 51
GX5.3
7W



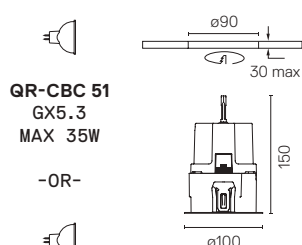
Empotrable de altas prestaciones para lámpara halógena de 12V. Transformador remoto no incluido.

High performance 12V halogen lamp recessed downlight. Remote transformer not included.

- 03.4602.06
- 03.4602.GL
- 03.4602.14



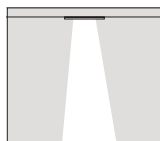
LIGHT SNIPER FIXED SQUARE



QR-CBC 51
GX5.3
MAX 35W

-OR-

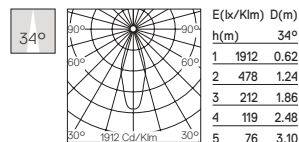
LED
QR-CBC 51
GX5.3
7W



Empotrable de altas prestaciones para lámpara halógena de 12V. Transformador remoto no incluido.

High performance 12V halogen lamp recessed downlight. Remote transformer not included.

- 03.4603.06
- 03.4603.GL
- 03.4603.14

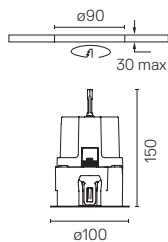


LIGHT SNIPER

LIGHT SNIPER FIXED ROUND DOUBLE FOCUS

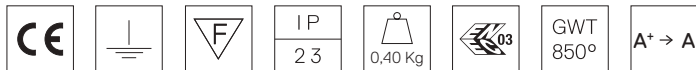
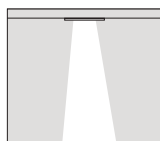
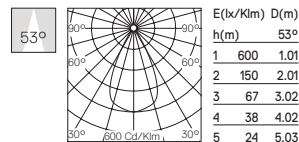


CDM-TM
PGJ5
MAX 35W



Empotrable de altas prestaciones para lámpara de halogenuro metálico. Balasto remoto no incluido. 03.4620.06

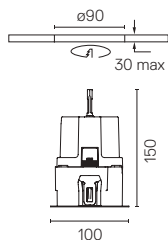
High performance metal halide lamp recessed downlight. Remote ballast not included.



LIGHT SNIPER FIXED SQUARE DOUBLE FOCUS

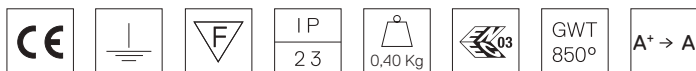
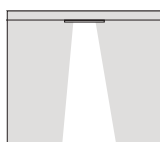
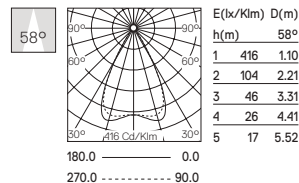


CDM-TM
PGJ5
MAX 35W



Empotrable de altas prestaciones para lámpara de halogenuro metálico. Balasto remoto no incluido. 03.4621.06

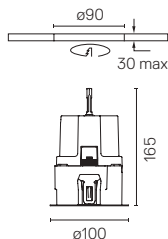
High performance metal halide lamp recessed downlight. Remote ballast not included.



LIGHT SNIPER FIXED ROUND

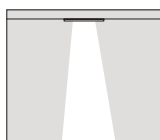
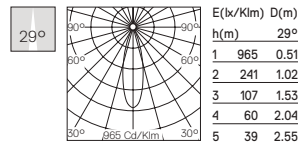


HI PAR 51
GX10
MAX 35W



Empotrable de altas prestaciones para lámpara de halogenuro metálico. Balasto remoto no incluido. 03.4605.06, 03.4605.GL, 03.4605.14

High performance metal halide lamp recessed downlight. Remote ballast not included.

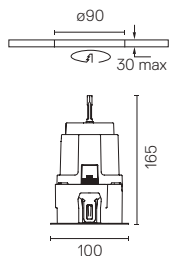


LIGHT SNIPER

LIGHT SNIPER FIXED SQUARE



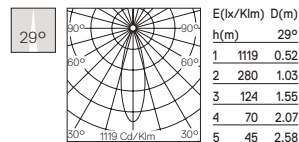
HI PAR 51
GX10
MAX 35W



Empotrable de altas prestaciones para lámpara de halogenuro metálico. Balasto remoto no incluido.

03.4606.06
03.4606.GL
03.4606.14

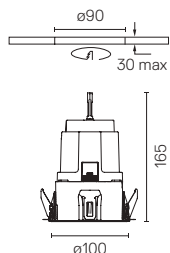
High performance metal halide lamp recessed downlight. Remote ballast not included.



LIGHT SNIPER FIXED ROUND



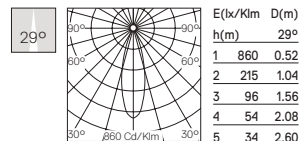
HI PAR 51
GX10
MAX 35W



Empotrable de altas prestaciones para lámpara de halogenuro metálico. Balasto remoto no incluido.

03.4607.06
03.4607.GL
03.4607.14

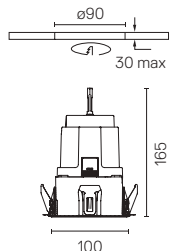
High performance metal halide lamp recessed downlight. Remote ballast not included.



LIGHT SNIPER FIXED SQUARE



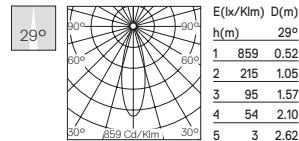
HI PAR 51
GX10
MAX 35W



Empotrable de altas prestaciones para lámpara de halogenuro metálico. Balasto remoto no incluido.

03.4608.06
03.4608.GL
03.4608.14

High performance metal halide lamp recessed downlight. Remote ballast not included.



LIGHT SNIPER

LIGHT SNIPER ADJUSTABLE ROUND



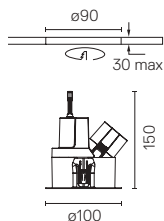
QR-CBC 51
GX5.3
MAX 50W



-OR-



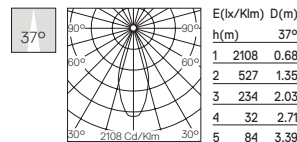
LED
QR-CBC 51
GX5.3
7/10W



Empotrable de altas prestaciones para lámpara halógena de 12V. Transformador remoto no incluido.

- 03.4670.06
- 03.4670.GL
- 03.4670.14

High performance 12V halogen lamp recessed downlight. Remote transformer not included.



360° 40° CE III F IP 2 3 0,36 Kg 03 A* → E

LIGHT SNIPER ADJUSTABLE SQUARE



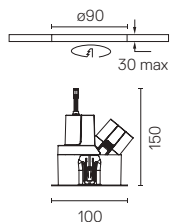
QR-CBC 51
GX5.3
MAX 50W



-OR-



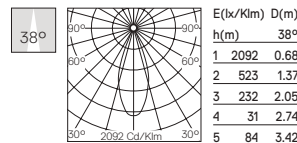
LED
QR-CBC 51
GX5.3
7/10W



Empotrable de altas prestaciones para lámpara halógena de 12V. Transformador remoto no incluido.

- 03.4671.06
- 03.4671.GL
- 03.4671.14

High performance 12V halogen lamp recessed downlight. Remote transformer not included.



360° 40° CE III F IP 2 3 0,36 Kg 03 A* → E

LIGHT SNIPER ADJUSTABLE ROUND



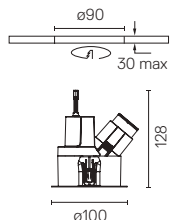
HI PAR 51
GX10
MAX 35W



-OR-



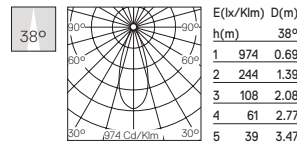
LED
HI PAR 51
GX10
7/10W



Empotrable de altas prestaciones para lámpara de halogenuro metálico. Balasto remoto no incluido.

- 03.4675.06
- 03.4675.GL
- 03.4675.14

High performance metal halide lamp recessed downlight. Remote ballast not included.



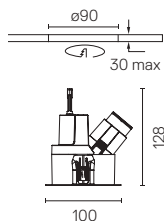
360° 40° CE III F IP 2 3 0,36 Kg 03 A

LIGHT SNIPER

LIGHT SNIPER ADJUSTABLE SQUARE



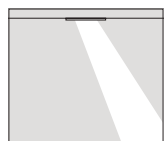
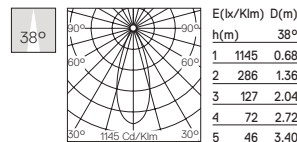
HI PAR 51
GX10
MAX 35W



Empotrable de altas prestaciones para lámpara de halogenuro metálico. Balasto remoto no incluido.

03.4676.06
03.4676.GL
03.4676.14

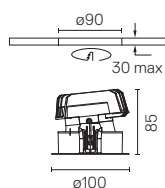
High performance metal halide lamp recessed downlight. Remote ballast not included.



LIGHT SNIPER WALL-WASHER ROUND



POWER LED
10,2W
910 lm
2700K/CRI 90

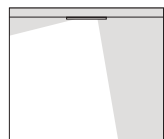


Empotrable de altas prestaciones para fuente de luz LED. Fuente de alimentación remota 220-240V incluida.

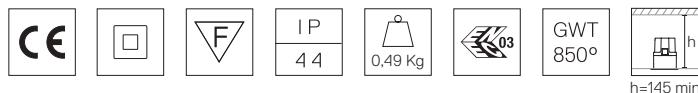
2700K
Non Dimmable
03.4989.06
Dali Version
03.4989.06.DA

High-performance embedded light fixture for LED light source. Remote 220-240V power supply included.

3000K
Non Dimmable
03.4988.06
Dali Version
03.4988.06.DA



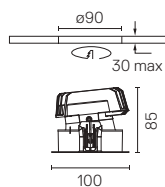
LED INCL.
NOT REPLACEABLE



LIGHT SNIPER WALL-WASHER SQUARE



POWER LED
10,2W
910 lm
2700K/CRI 90

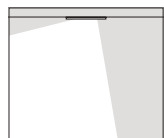


Empotrable de altas prestaciones para fuente de luz LED. Fuente de alimentación remota 220-240V incluida.

2700K
Non Dimmable
03.4991.06
Dali Version
03.4991.06.DA

High-performance embedded light fixture for LED light source. Remote 220-240V power supply included.

3000K
Non Dimmable
03.4990.06
Dali Version
03.4990.06.DA



LED INCL.
NOT REPLACEABLE

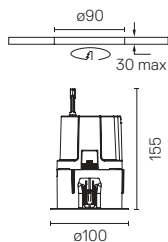


LIGHT SNIPER

LIGHT SNIPER WALL-WASHER ROUND



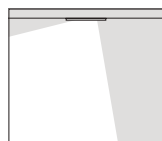
QR-CBC 51
GX5.3
MAX 50W



Empotrable de altas prestaciones para lámpara halógena de 12V. Transformador remoto no incluido.

03.4650.06

High performance 12V halogen lamp recessed downlight. Remote transformer not included.



Criterios: Número de luminarias >5
 Critería: Number of luminaires >5
 Altura del techo 3 m
 Height of the ceiling 3 m
 Distancia a la pared (m)
 Distance to the wall (m)

0,75	0,75	1,00	1,00
------	------	------	------

Interdistancia entre luminarias (m)
 Distance between the luminaires (m)

0,75	1,00	1,00	1,25
------	------	------	------

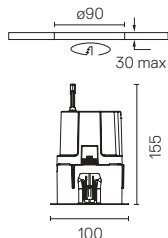
Iluminancia QR-CBC 51 50W (lx)
 Illuminance QR-CBC 51 50W (lx)

102	79	69	56
-----	----	----	----

LIGHT SNIPER WALL-WASHER SQUARE



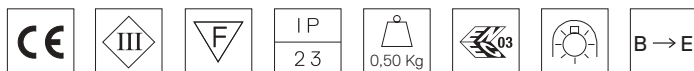
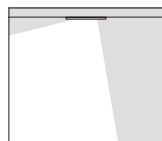
QR-CBC 51
GX5.3
MAX 50W



Empotrable de altas prestaciones para lámpara halógena de 12V. Transformador remoto no incluido.

03.4651.06

High performance 12V halogen lamp recessed downlight. Remote transformer not included.



Criterios: Número de luminarias >5
 Critería: Number of luminaires >5
 Altura del techo 3 m
 Height of the ceiling 3 m
 Distancia a la pared (m)
 Distance to the wall (m)

0,75	0,75	1,00	1,00
------	------	------	------

Interdistancia entre luminarias (m)
 Distance between the luminaires (m)

0,75	1,00	1,00	1,25
------	------	------	------

Iluminancia QR-CBC 51 50W (lx)
 Illuminance QR-CBC 51 50W (lx)

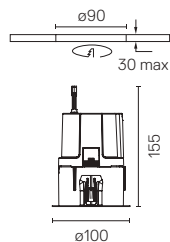
90	70	62	50
----	----	----	----

LIGHT SNIPER

LIGHT SNIPER WALL-WASHER ROUND



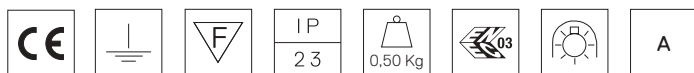
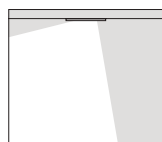
HI PAR 51
GX10
MAX 35W



Empotrable de altas prestaciones para lámpara de halogenuro metálico. Balasto remoto no incluido.

03.4655.06

High performance metal halide lamp recessed downlight. Remote ballast not included.



Crterios: Número de luminarias n>5
Criteria: Number of luminaires n>5
Altura del techo 3 m
Heigh of the ceiling 3 m
Distancia a la pared (m)
Distance to the wall (m)

0,75	0,75	1,00	1,00
------	------	------	------

Interdistancia entre luminarias (m)
Distance between the luminaires (m)

0,75	1,00	1,00	1,25
------	------	------	------

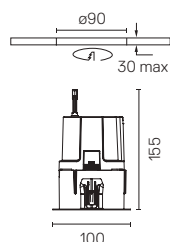
Iluminancia HI PAR 51 35W (lx)
Illuminance HI PAR 51 35W (lx)

162	125	109	88
-----	-----	-----	----

LIGHT SNIPER WALL-WASHER SQUARE



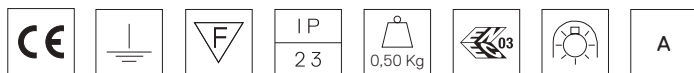
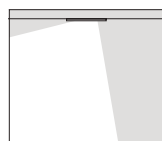
HI PAR 51
GX10
MAX 35W



Empotrable de altas prestaciones para lámpara de halogenuro metálico. Balasto remoto no incluido.

03.4656.06

High performance metal halide lamp recessed downlight. Remote ballast not included.



Crterios: Número de luminarias n>5
Criteria: Number of luminaires n>5
Altura del techo 3 m
Heigh of the ceiling 3 m
Distancia a la pared (m)
Distance to the wall (m)

0,75	0,75	1,00	1,00
------	------	------	------

Interdistancia entre luminarias (m)
Distance between the luminaires (m)

0,75	1,00	1,00	1,25
------	------	------	------

Iluminancia HI PAR 51 35W (lx)
Illuminance HI PAR 51 35W (lx)

154	120	107	86
-----	-----	-----	----

LIGHT SNIPER

ACCESORIOS / ACCESSORIES

Accesorios

Con el fin de incrementar las prestaciones de la familia Light Sniper se encuentran disponibles los siguientes accesorios:

- Accesorio protector de techo. Recomendable para instalación en techos delicados.
- Accesorio flush. Permite la instalación enrasada a techo o pared.
- Accesorio CAN de instalación en hormigón. Facilita la instalación en techos de hormigón. Es necesario disponer e instalar del accesorio antes de realizar el techo de hormigón.
- Filtros de color. Potencia limitada a 35W.

Accessories

In order to increase the performances of the Light Sniper family, the following accessories are available:

- Accessory for ceiling protection. Recommended for delicate ceiling installation.
- "Flush" accessory, which allows a flush installation with the ceiling or wall.
- CAN accessory for installation in concrete. It facilitates installation on concrete ceilings. It is necessary to obtain and to install the accessory prior to the concrete ceiling.
- Color filters. Power limited to 35W.

Accesorio marco redondo de instalación enrasado en techo.



08.8239.00

Flush ceiling round frame accessory.

Accesorio marco cuadrado de instalación enrasado en techo.



08.8240.00

Flush ceiling square frame accessory.

Accesorio protector de techo.



08.8243.00

Ceiling protector accessory.

50 Units
08.8243.00.5U

10 Units
08.8243.00.1U

Cuerpo empotrable en hormigón.



08.8250.00

Concrete instalation can.

Accesorio protector de techo.



Round
08.8229.30

Ceiling protector accessory.



Square
08.8222.30

Accesorios aplicables para las versiones QR-CBC 51 Fixed & Adjustable, excepto LED QR-CBC 51 Fixed.

Accessories for the versions QR-CBC 51 Fixed & Adjustable, except LED QR-CBC 51 Fixed.

Rejilla anti-deslumbramiento realizada con celdas de aluminio tipo "Honeycomb".



08.8241.14

"Honeycomb" anti-glare grid made of aluminium cells.

FILTRO AZUL
BLUE FILTER



08.8042.64.OD

FILTRO CELESTE
SKY BLUE FILTER



08.8042.65.OD

FILTRO ÁMBAR
AMBER FILTER



08.8042.66.OD

FILTRO ROJO
RED FILTER



08.8042.67.OD

FILTRO anti U.V.
U.V. FILTER .



08.8042.98.OD

FILTRO anti I.R.
I.R. FILTER



08.8042.68

HOT LIGHT
HOT LIGHT



08.8042.69

COLD LIGHT
OLD LIGHT



08.8042.CL

DAYLIGHT
DAYLIGHT



08.8042.DL

NEODIMIUM
NEODIMIUM



08.8042.ND

Accesorios aplicables para las versiones Power LED Fixed & Adjustable. Accessories for the versions Power LED Fixed & Adjustable.

Lente para la distribución elíptica del flujo luminoso.



08.8041.68

Elliptical light distribution lens.

Rejilla anti-deslumbramiento realizada con celdas de aluminio tipo "Honeycomb".





08.8412.14

"Honeycomb" anti-glare grid made of aluminium cells.





LIGHT SUPPLY

DESIGNED BY FLOS ARCHITECTURAL

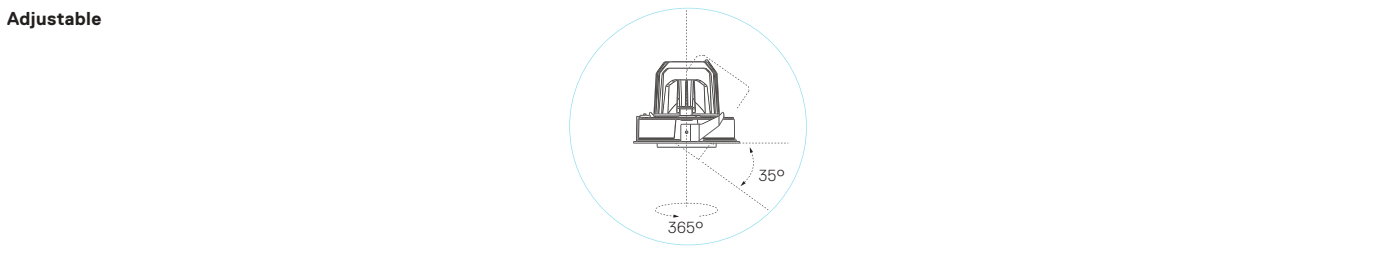
Versión Version	FIXED TRIM / NO TRIM	ADJUSTABLE TRIM / NO TRIM	WALL-WASHER TRIM / NO TRIM
			
			

Fuentes de Luz Light Sources	 PHOSPHOR LED 28W 3000 lm 3000K/CRI 80 4000K/CRI 80	 PHOSPHOR LED 26W 2285 lm 3000K CRI 98

Colores Colours		
Adjustable	<input type="checkbox"/> 40 Blanco 40 White	<input checked="" type="checkbox"/> 14 Negro 14 Black
		

Fixed & Wall-Washer Trim			
Anillo Exterior/ External Ring	<input type="checkbox"/> Blanco White	<input checked="" type="checkbox"/> Negro Black	
Reflector/ Reflector	<input checked="" type="checkbox"/> Aluminio Aluminium	<input type="checkbox"/> Blanco White	<input checked="" type="checkbox"/> Aluminio Aluminium
			
			

**Rotación
Rotation Features** Puede ser rotado 365° y orientado 35°.
Can be rotated 365° and swivelled 35°.



Descripción

Nueva familia de empotrables desarrollada para conseguir un flujo máximo de 3000 lm dentro de un diseño compacto de 165mm de diámetro gracias a la última tecnología de módulos LED.

Disponible en versiones fija, ajustable y wall-washer.

La versión ajustable cuenta con una óptica cilíndrica intercambiable para facilitar el acceso a la electrónica e intercambiar los accesorios disponibles.

Para ofrecer la máxima flexibilidad y mejorar la instalación, hay disponibles reflectores con ópticas cerradas, intermedias y abiertas. Intercambio de accesorios sin necesidad de desmontar el producto del techo.

Todas las versiones No Trim pueden ser montadas en marco de pre-instalación o integradas en techo de cartón yeso mediante la tecnología Soft.

Acabados disponibles para versiones fija, Wall-Washer y ajustable Trim: negro (14) o blanco (40).

La versión fija Trim está disponible con aro externo negro o blanco combinado con reflectores internos blanco o cromo.

Reflectores

Realizados con aluminio en acabado especular. Para la versión ajustable haz de luz cerrado, medio y amplio; para la versión fija aperturas amplias.

Fuentes de Luz

LED:

- Phosphor LED, 26/28W.

También disponible en versión Retail con Phosphor LED.

Unidades de Alimentación

Cableado incluido, disponible para conectar a equipo remoto. Versiones sin equipo y regulable 1-10V disponibles bajo pedido.

Accesorios

Para la versión ajustable:

- lente de distribución elíptica.
- rejilla antideslumbramiento realizada en celdas de aluminio.
- recambio de reflectores con aperturas cerrada, media y abierta.

Para todas las versiones No Trim:

- marco de pre-instalación o placa de instalación Soft Architecture.

Información Adicional

En las versiones ajustables, basculación de 35° y rotación de 365°.

Índice de protección IP23, IP44 según las versiones.

Clase de aislamiento II.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

New downlight family developed to get a maximum flux in a compact design. 165mm diameter offering up to 3000 lm thanks to latest technology LED modules.

Available in fixed, adjustable and wall-washer version.

Adjustable version features a dismantlable optic support cylinder, to be easily unscrewed from the luminaire, in order to completely access the electronic and to install the professional accessories available.

To offer maximum flexibility and installation evolution in time, reflector of spot, medium and flood optic are also available as accessories, to change the light beam dimension without even needing to dismount the fixture from the ceiling.

All Light Supply No Trim versions can be mounted in a standard pre-installation metal frame or, for total integration in plasterboard ceiling, in a Soft Technology installation plate.

Available finishes: black (14) and white (40) for Fixed Trim, Wall-Washer and Adjustable version.

The Fixed Trim version is available with external ring black or white combined with internal white or chrome reflector.

Reflectors

All super pure aluminum with specular finish. Circular roto symmetrical spot, medium and flood for the adjustable version, flood for the fixed version.

Light Sources

LED:

- Phosphor LED, 26/28W.

Also available on request with Retail version Phosphor LED.

Power Supply

Cabling included, ready to be powered by included remote driver.

Versions without driver and 1-10V dimmable available on request.

Accessories

For adjustable version:

- elliptical distribution lens.
- anti-glare grid in aluminium cells with black liquid paint finish.
- spare part of spot, medium, flood optics reflectors.

For all No Trim versions:

- pre-installation frame or Soft Architecture installation plate.

Additional Information

In the adjustable versions, 35° tilt and 365° rotation.

IP23, IP44 protection grade depending on the versions.

Insulation class II.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

LIGHT SUPPLY



Todas las versiones de 3000K / CRI 80 están disponibles bajo petición en la "versión Retail". Esta opción cuenta con un módulo Phosphor LED especial que, con todas las ventajas en términos de ahorro energético y fiabilidad disponibles en el mercado, reproduce la frecuencia de la luz de una lámpara de halogenuro metálico. Esta solución innovadora mejora la percepción de los colores y la representación del color blanco, además de reducir la radiación del espectro violeta, perjudicial para obras de arte, así que, es especialmente indicado para su aplicación comercial y en museos.

All Light Supply 3000K / CRI 80 versions are also available on request in the "Retail version". This option features a special Phosphor LED module that, with all the advantages in terms of energy saving and reliability proper of the best LED technology available on the market, reproduces the light frequency of a metal halide lamp.

This innovative solution improves color perception and rendering of the white color, also reducing the radiation in the violet spectrum, potentially damaging for artworks, and being thus specially indicated for retail and museum application.

Equipo remoto incluido regulado a máxima potencia, sin embargo, si la instalación requiere diferentes valores de lúmenes el mismo equipo puede ser regulado fácilmente para obtener la luz deseada.

The remote driver is provided with the setting for the maximum available power for this device. However, if the installation requires different lumen inputs or to reduce power consumption, the same driver can be easily set according to this scheme, to obtain the required light emission.

Driver current (mA)	CRI 80		CRI 95	
	Luminous flux of luminaire up to (lm)	Power (W)	Luminous flux of luminaire up to (lm)	Power (W)
1000	3000	28	2285 lm / 800 mA	26W / 800 mA
700	2100	18,9	2140	22,3
500	1585	13,2	1580	15,6
350	1195	9,1	1240	10,8

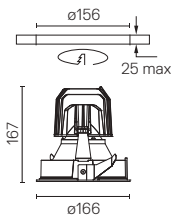
LIGHT SUPPLY

LIGHT SUPPLY FIXED TRIM



PHOSPHOR LED
 28W
 3000 lm
 3000K/CRI 80
 4000K/CRI 80

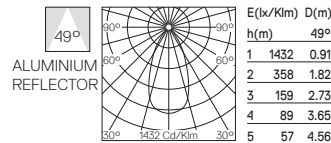
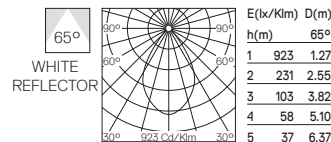
26W
 2285 lm
 3000K/CRI 98



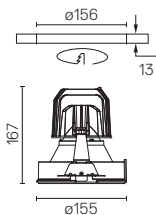
Luminaria empotrable con módulo de luz Phosphor LED integrado. Fuente de alimentación remota 220/240V incluida.

Recessed luminaire with integrated Phosphor LED light source. Remote 220/240V driver included.

- 3000K - CRI 80**
TRIM
 E I
 03.6609.3B
 03.6609.3C
 Dali Version/1-10V
 03.6609.3B.DA
 03.6609.3C.DA
- 03.6609.1B
 03.6609.1C
 Dali Version/1-10V
 03.6609.1B.DA
 03.6609.1C.DA



[LIGHT SUPPLY FIXED NO TRIM]

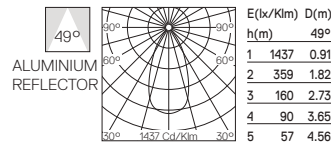
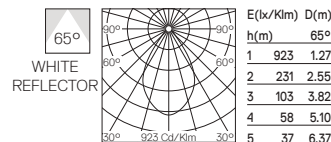


- NO TRIM**
 03.6624.40
 03.6624.06
 Dali Version/1-10V
 03.6624.40.DA
 03.6624.06.DA

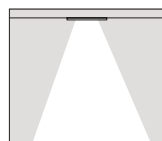
- 4000K - CRI 80**
TRIM
 E I
 03.6610.3B
 03.6610.3C
 Dali Version/1-10V
 03.6610.3B.DA
 03.6610.3C.DA
- 03.6610.1B
 03.6610.1C
 Dali Version/1-10V
 03.6610.1B.DA
 03.6610.1C.DA

- NO TRIM**
 03.6625.40
 03.6625.06
 Dali Version/1-10V
 03.6625.40.DA
 03.6625.06.DA

- 3000K - CRI 98**
TRIM
 E I
 03.6611.3B
 03.6611.3C
 Dali Version/1-10V
 03.6611.3B.DA
 03.6611.3C.DA
- 03.6611.1B
 03.6611.1C
 Dali Version/1-10V
 03.6611.1B.DA
 03.6611.1C.DA



LED INCL.
 NOT REPLACEABLE



CE
 IP44
 0.98 Kg
 PENDING
 GWT 850°
 h=277 min

E= Acabado Externo / I= Acabado Interno.
 E= External Finish / I= Internal Finish.

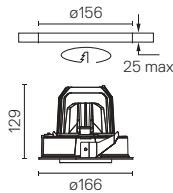
[Marco o Placa Soft Architecture para pre-instalación No Trim. Se ha de pedir por separado.
 Pre-installation frame or Soft Architecture installation plate for No Trim installation. Have to be ordered separately.]

LIGHT SUPPLY

LIGHT SUPPLY ADJUSTABLE TRIM

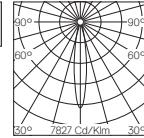


PHOSPHOR LED
28W
3000 lm
3000K/CRI 80
4000K/CRI 80



Luminaria empotrable con módulo de luz Phosphor LED integrado. Fuente de alimentación remota 220/240V incluida.

Recessed luminaire with integrated Phosphor LED light source. Remote 220/240V driver included.



E(lx/Klm)	D(m)
h(m)	16°
1	7827 0.28
2	1957 0.56
3	870 0.84
4	489 1.12
5	313 1.41

3000K - CRI 80
TRIM

- 03.6600.40
- 03.6600.14
- Dali Version/1-10V
- 03.6600.40.DA
- 03.6600.14.DA

NO TRIM

- 03.6615.40
- 03.6615.14
- Dali Version/1-10V
- 03.6615.40.DA
- 03.6615.14.DA

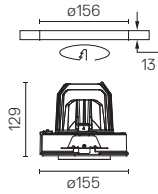
4000K - CRI 80
TRIM

- 03.6603.40
- 03.6603.14
- Dali Version/1-10V
- 03.6603.40.DA
- 03.6603.14.DA

NO TRIM

- 03.6618.40
- 03.6618.14
- Dali Version/1-10V
- 03.6618.40.DA
- 03.6618.14.DA

[LIGHT SUPPLY ADJUSTABLE NO TRIM]

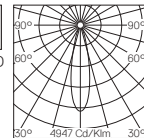


3000K - CRI 80
TRIM

- 03.6601.40
- 03.6601.14
- Dali Version/1-10V
- 03.6601.40.DA
- 03.6601.14.DA

NO TRIM

- 03.6616.40
- 03.6616.14
- Dali Version/1-10V
- 03.6616.40.DA
- 03.6616.14.DA



E(lx/Klm)	D(m)
h(m)	24°
1	4947 0.43
2	1237 0.85
3	550 1.28
4	309 1.70
5	198 2.13

4000K - CRI 80
TRIM

- 03.6604.40
- 03.6604.14
- Dali Version/1-10V
- 03.6604.40.DA
- 03.6604.14.DA

NO TRIM

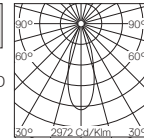
- 03.6619.40
- 03.6619.14
- Dali Version/1-10V
- 03.6619.40.DA
- 03.6619.14.DA

3000K - CRI 80
TRIM

- 03.6602.40
- 03.6602.14
- Dali Version/1-10V
- 03.6602.40.DA
- 03.6602.14.DA

NO TRIM

- 03.6617.40
- 03.6617.14
- Dali Version/1-10V
- 03.6617.40.DA
- 03.6617.14.DA



E(lx/Klm)	D(m)
h(m)	33°
1	2972 0.59
2	743 1.18
3	330 1.78
4	186 2.37
5	119 2.96

4000K - CRI 80
TRIM

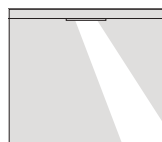
- 03.6605.40
- 03.6605.14
- Dali Version/1-10V
- 03.6605.40.DA
- 03.6605.14.DA

NO TRIM

- 03.6620.40
- 03.6620.14
- Dali Version/1-10V
- 03.6620.40.DA
- 03.6620.14.DA



LED INCL. NOT REPLACEABLE

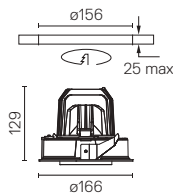


LIGHT SUPPLY

LIGHT SUPPLY ADJUSTABLE TRIM



**PHOSPHOR
LED**
26W
2285 lm
3000K
CRI 98



Luminaria empotrable con módulo de luz Phosphor LED integrado. Fuente de alimentación remota 220/240V incluida.

Recessed luminaire with integrated Phosphor LED light source. Remote 220/240V driver included.

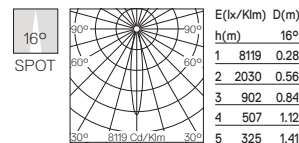
3000K - CRI 98

TRIM

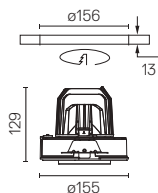
- ☐ 03.6606.40
- 03.6606.14
- ☐ 03.6606.40.DA
- 03.6606.14.DA

NO TRIM

- ☐ 03.6621.40
- 03.6621.14
- ☐ 03.6621.40.DA
- 03.6621.14.DA



[LIGHT SUPPLY ADJUSTABLE NO TRIM]



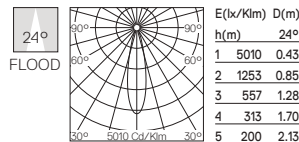
3000K - CRI 98

TRIM

- ☐ 03.6607.40
- 03.6607.14
- ☐ 03.6607.40.DA
- 03.6607.14.DA

NO TRIM

- ☐ 03.6622.40
- 03.6622.14
- ☐ 03.6622.40.DA
- 03.6622.14.DA



LED INCL.
NOT REPLACEABLE

IP	1,01 Kg	PENDING	GWT	850°
2 3				

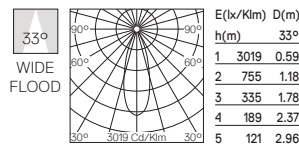
3000K - CRI 98

TRIM

- ☐ 03.6608.40
- 03.6608.14
- ☐ 03.6608.40.DA
- 03.6608.14.DA

NO TRIM

- ☐ 03.6623.40
- 03.6623.14
- ☐ 03.6623.40.DA
- 03.6623.14.DA



[Marco o Placa Soft Architecture para pre-instalación No Trim. Se ha de pedir por separado.
Pre-installation frame or Soft Architecture installation plate for No Trim installation. Have to be ordered separately.]

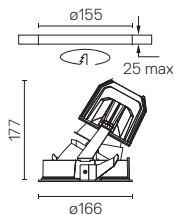
LIGHT SUPPLY

LIGHT SUPPLY WALL-WASHER TRIM



**PHOSPHOR
LED**
28W
3000 1m
3000K/CRI 80
4000K/CRI 80

26W
2285 1m
3000K/CRI 98

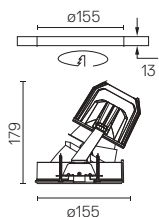


Luminaria empotrable con módulo de luz Phosphor LED integrado. Fuente de alimentación remota 220/240V incluida.

Recessed luminaire with integrated Phosphor LED light source. Remote 220/240V driver included.

- 3000K - CRI 80
TRIM
- E I 03.6612.3B
 - 03.6612.3C
 - Dali Version/1-10V
 - 03.6612.3B.DA
 - 03.6612.3C.DA
 - 03.6612.1B
 - 03.6612.1C
 - Dali Version/1-10V
 - 03.6612.1B.DA
 - 03.6612.1C.DA

[LIGHT SUPPLY WALL-WASHER NO TRIM]



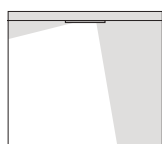
- NO TRIM
- 03.6627.40
 - 03.6627.06
 - Dali Version/1-10V
 - 03.6627.40.DA
 - 03.6627.06.DA

- 4000K - CRI 80
TRIM
- E I 03.6613.3B
 - 03.6613.3C
 - Dali Version/1-10V
 - 03.6613.3B.DA
 - 03.6613.3C.DA
 - 03.6613.1B
 - 03.6613.1C
 - Dali Version/1-10V
 - 03.6613.1B.DA
 - 03.6613.1C.DA

- NO TRIM
- 03.6628.40
 - 03.6628.06
 - Dali Version/1-10V
 - 03.6628.40.DA
 - 03.6628.06.DA

- 3000K - CRI 98
TRIM
- E I 03.6614.3B
 - 03.6614.3C
 - Dali Version/1-10V
 - 03.6614.3B.DA
 - 03.6614.3C.DA
 - 03.6614.1B
 - 03.6614.1C
 - Dali Version/1-10V
 - 03.6614.1B.DA
 - 03.6614.1C.DA

- NO TRIM
- 03.6629.40
 - 03.6629.06
 - Dali Version/1-10V
 - 03.6629.40.DA
 - 03.6629.06.DA



LED INCL.
NOT REPLACEABLE

CE
 IP44
 1.01 Kg
 PENDING
 GWT 850°
 h=290 min

[Marco o Placa Soft Architecture para pre-instalación No Trim. Se ha de pedir por separado.
Pre-installation frame or Soft Architecture installation plate for No Trim installation. Have to be ordered separately.]

LIGHT SUPPLY

ACCESORIOS / ACCESSORIES

Lente para la distribución elíptica del flujo luminoso. 08.8118.68



Elliptical light distribution lens.

Lente Flood transparente. 08.8117.68



Transparent flood lens.

Cruceta de apantallamiento, realizada en aluminio y acabado en negro. 08.8242.14



Black painted aluminium cross screening cylinder.

Elemento apantallador tipo "nido de abeja", realizado en aluminio y acabado en negro. Celdas Pequeñas/ Small Cells 08.8049.14



"Honeycomb" anti-glare screen: in thin, black-painted aluminium sheets. Celdas Grandes/ Big Cells 08.8377.14



Marco de pre-instalación.



Adjustable No Trim 08.8119.00

Pre-installation frame.



Fixed No Trim 08.8359.00



Wall-Washer No Trim 08.8137.00

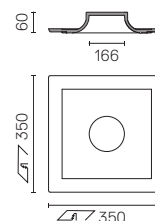
Placa Soft Architecture para pre-instalación en superficies de cartón yeso.

Adjustable No Trim SA.6600.1

Soft Architecture installation plate for integration in plasterboard.

Fixed No Trim SA.6610.1

Wall-Washer No Trim SA.6615.1



Reflector intercambiable para Light Supply Adjustable.



Spot 08.8413.00






Light Supply Adjustable spare reflector.





Flood 08.8414.00

Wide Flood 08.8415.00

COMPASS BOX RECESSED

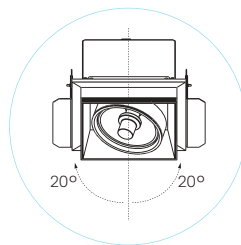
DESIGNED BY FLOS ARCHITECTURAL

Versión Version	SMALL 1L / 2L	SMALL 1L / 2L	LARGE 1L / 2L	FLUO LARGE 2L / 4L SQUARE / 2L
Fuentes de Luz Light Sources	 LED ARRAY 10,5W 930 lm 3000K CRI 80	 QR-CBC 51 GX5.3 MAX 50W - OR - LED QR-CBC 51 7/10W	 QR-111 G53 MAX 100W - OR - LED QR-111  CDM-R111 GX8.5 MAX 70W	 TC-L 2G11 18/40W

Colores Colours	 30 Blanco Mate/RAL 9001 30 Matt White	 14 Negro Mate/RAL 9005 14 Matt Black
		

Rotación
Rotation Features

Puede ser orientado 20°.
Can be swivelled 20°.



COMPASS BOX RECESSED

Descripción

Diseñado para lámparas LED, halógenas de muy baja tensión o directas a red, de halogenuros metálicos o fluorescencia. Para empotrar en falsos techos de hasta 30 mm de espesor. Sistema de 1, 2 ó 4 luminarias orientables.

Cuerpo para empotrar de acero pintado con barniz en polvo y marco para empotrar realizado de extrusión de aluminio con sistema de fijación al falso techo.

Para las versiones halógenas y de halogenuro metálico, sistema de orientación tipo "compás" de acero pintado con barniz en polvo de color negro opaco. Sistema de fijación mediante soportes de acero pintado negro atornillados. Regleta para las conexiones eléctricas situada por encima de la caja que aloja las lámparas.

Disponible en los acabados: blanco mate (30) y negro mate (14).

Reflectores

Reflector de aluminio con acabado anodizado de color plateado por el exterior y con revestimiento de aluminio superpuro en el interior. Aro de protección de material termoplástico negro para las lámparas de alta luminancia. Difusor de policarbonato para versiones fluorescentes.

Fuentes de Luz

LED:

- LED Array, 10,5W.

Halógenas:

- QR-CBC 51, max 50W. (Es posible hacer un retrofit con lámparas LED convencionales).

- QR-111, max 100W. (Es posible hacer un retrofit con lámparas LED convencionales).

* Retrofit recomendado solo con lámparas de FLOS.

De descarga:

- CDM-R111, max 70W.

Fluorescentes compactos:

- TC-L, 18/40W.

Unidades de Alimentación

Precableado incluido, listo para ser alimentado mediante dispositivos a distancia.

Conexión rápida, tipo "Wieland", con la unidad de alimentación para lámparas de descarga.

Halógenas:

- transformador electrónico 20/105W, 220/240V, 50/60Hz con regulación de intensidad mediante dispositivo "trailing edge".

De descarga:

- unidad de alimentación convencional de bajas pérdidas 35/70W, 220/240V, 50/60Hz.

- unidad de alimentación electrónica de última generación 35/70W, 220/240V, 50/60Hz.

Accesorios

- cilindro de protección con rejilla direccional incorporada, acabado pintado con barniz negro en polvo.

- rejilla antideslumbramiento realizada con celdas de aluminio, acabada con pintura negra.

- marco necesario para la instalación en falso techo.

Información Adicional

Sistema de orientación que permite la orientación a 40° en todas las direcciones.

Índice de protección IP20.

Clase de aislamiento I, III, según las versiones.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Designed for LED lamps, very low voltage halogen lamps or direct mains power, metal halide or fluorescent lamps. For recess mounting in suspended ceilings of up to 30 mm thick. 1, 2, or 4 lamp adjustable- system.

Pressed steel powder-coated recessed housing, extruded aluminum recessed trim frame for use with false ceiling systems.

Steel "compass-type" adjustment mechanism, powder-coated matt black.

For halogen and discharge versions: Innovative steel bracket fixing system, painted black, with allen key locking mechanism.

Terminal block positioned on canopy housing box.

Available finishes: matt white (30) and matt black (14).

Reflectors

Super-pure, anodised-aluminum, silver reflectors with polished specular finish.

Policarbonate diffuser for fluorescent versions.

Light Sources

LED:

- LED Array, 10,5W.

Halogen:

- QR-CBC 51, max 50W. (Retrofit possible with conventional LED lamps).

- QR-111, max 100W. (Retrofit possible with conventional LED lamps).

* Retrofit recommended only with FLOS lamps.

Discharge:

- CDM-R111, max 70W.

Compact fluorescent:

- TC-L, 18/40W.

Power Supply

Pre-wiring included; ready for remote power supply.

Wieland connectors used for discharge control gear providing quick installation time.

Halogen:

- electronic transformer 20/105W, 220/240V, 50/60Hz suitable for dimming when used with trailing edge dimmers,

Discharge:

- traditional low-loss power supply 35/70W, 220/240V, 50/60Hz.

- next-generation electronic power supply 35/70W, 220/240V, 50/60Hz.

Accessories

- screening cylinder with cross baffle element incorporated, black powder-coated finish.

- anti-glare screen with aluminum honeycomb cells, black-painted finish.

- frame needed for installation on false ceiling.

Additional Information

Compass-type adjustment system permits focusing from 0° to 40° in all directions.

IP20 protection grade.

Insulation class I, III depending on the versions.

Standard Compliance and Quality Marks

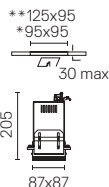
EN60598-1 European Technical Standards and any subsequent additions.

COMPASS BOX RECESSED

COMPASS BOX RECESSED SMALL 1L



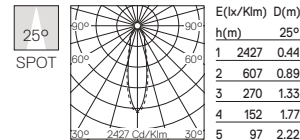
LED ARRAY
DC 500 mA
10,5W
930 lm
3000K
CRI 80



Luminaria empotrable para fuente de luz LED. Fuente de alimentación no incluida.

03.2675.30
03.2675.14

Embedded luminaire for LED light source. Power supply not included.



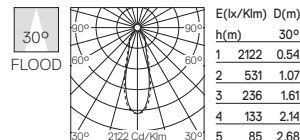
Equipos recomendados:
Recommended power supply:

Non Dimmable 60.8650
Dimmable 1-10V 60.8533
Dimmable Dali 60.8530
Mains Dimming 60.8534

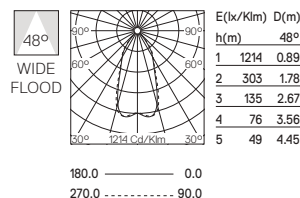


LED INCL.
NOT REPLACEABLE

03.2676.30
03.2676.14



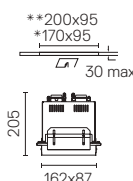
03.2677.30
03.2677.14



COMPASS BOX RECESSED SMALL 2L



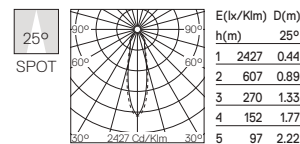
LED ARRAY
DC 500 mA
2x10,5W
2x930 lm
3000K
CRI 80



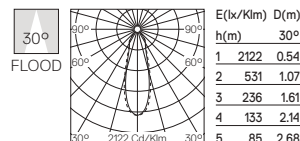
Luminaria empotrable de 2 luces para fuente de luz LED. Fuente de alimentación no incluida. Es necesario una fuente de alimentación por cada cuerpo óptico.

03.2680.30
03.2680.14

Embedded luminaire with 2 lights for LED light source. Power supply not included. Requires one power supply for each optic body.



03.2681.30
03.2681.14



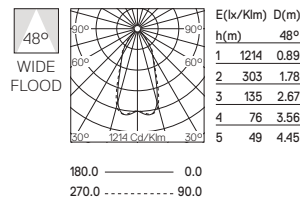
Equipos recomendados:
Recommended power supply:

Non Dimmable 60.8650
Dimmable 1-10V 60.8533
Dimmable Dali 60.8530
Mains Dimming 60.8534



LED INCL.
NOT REPLACEABLE

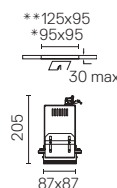
03.2682.30
03.2682.14



COMPASS BOX RECESSED SMALL 1L



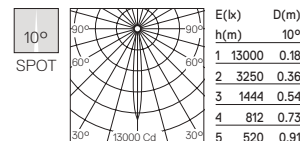
QR-CBC 51
GX5.3
MAX 50W



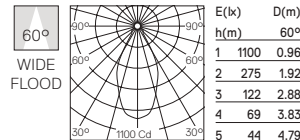
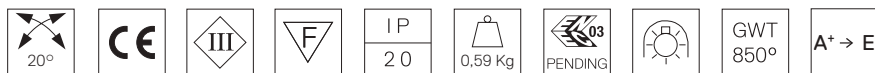
Empotrable No Trim para lámpara halógena de 12V. Transformador remoto no incluido.

03.2650.30
03.2650.14

No Trim 12V halogen lamp recessed downlight. Remote transformer not included.



- OR -
LED
QR-CBC 51
GX5.3
7/10W



Marco de pre-instalación. Se ha de pedir por separado.
Pre-installation frame must be ordered separately.

* Techo accesible: modular/abierto.
Accessible ceiling: modular/open.
**Techo no accesible.
Inaccessible ceiling.

COMPASS BOX RECESSED

COMPASS BOX RECESSED SMALL 2L

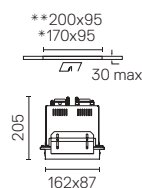


QR-CBC 51
GX5.3
MAX 2x50W

- OR -



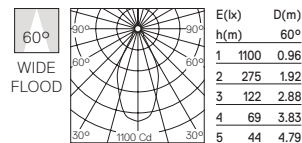
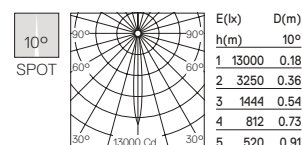
LED
QR-CBC 51
GX5.3
2x7/10W



Empotrable No Trim para
lámpara halógena de 12V.
Transformador remoto no
incluido.

03.2651.30
03.2651.14

No Trim 12V halogen
lamp recessed downlight.
Remote transformer not
included.



COMPASS BOX RECESSED LARGE 1L

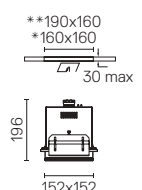


QR-111
G53
MAX 100W

- OR -



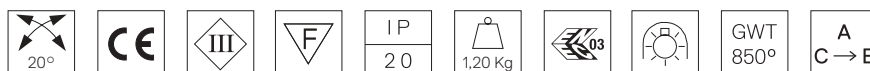
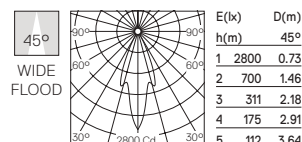
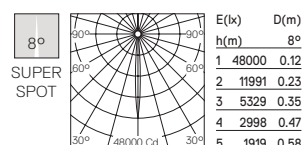
LED QR-111



Empotrable No Trim para
lámpara halógena de 12V.
Transformador remoto no
incluido.

03.2520.30
03.2520.14

No Trim 12V halogen
lamp recessed downlight.
Remote transformer not
included.



COMPASS BOX RECESSED LARGE 2L

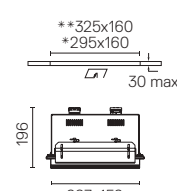


QR-111
G53
MAX 2x100W

- OR -



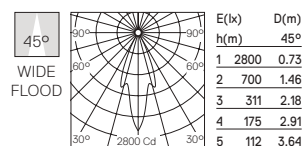
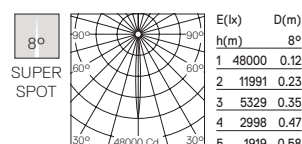
LED QR-111



Empotrable No Trim para
lámpara halógena de 12V.
Transformador remoto no
incluido.

03.2521.30
03.2521.14

No Trim 12V halogen
lamp recessed downlight.
Remote transformer not
included.

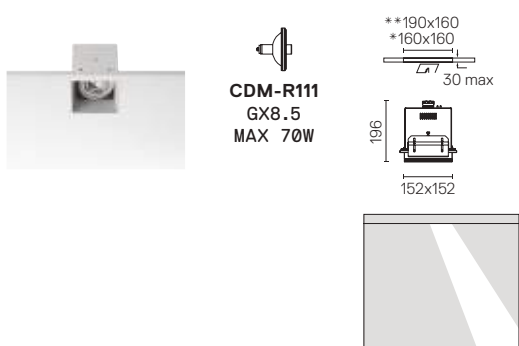


Marco de pre-instalación. Se ha de pedir por separado.
Pre-installation frame must be ordered separately.

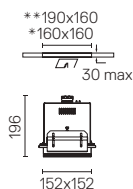
* Techo accesible: modular/abierto.
Accessible ceiling: modular/open.
** Techo no accesible.
Inaccessible ceiling.

COMPASS BOX RECESSED

COMPASS BOX RECESSED LARGE 1L



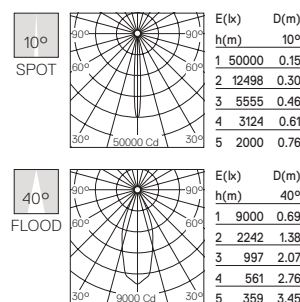
CDM-R111
GX8.5
MAX 70W



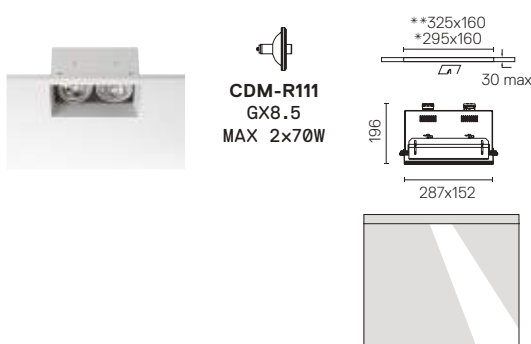
Empotrable No Trim para
lámpara de halogenuro
metálico. Balasto no
incluido.

03.2530.30
03.2530.14

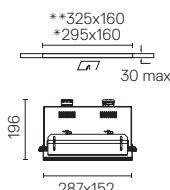
No Trim metal halide
lamp recessed downlight.
Remote control gear not
included.



COMPASS BOX RECESSED LARGE 2L



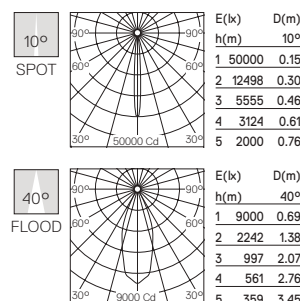
CDM-R111
GX8.5
MAX 2x70W



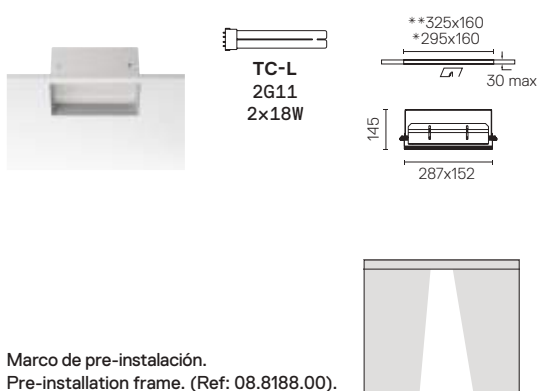
Empotrable No Trim para
lámpara de halogenuro
metálico. Balasto no
incluido.

03.2532.30
03.2532.14

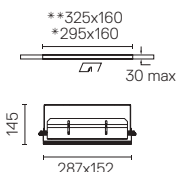
No Trim metal halide
lamp recessed downlight.
Remote control gear not
included.



COMPASS BOX RECESSED FLUO LARGE 2L



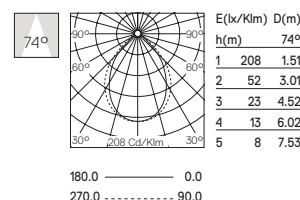
TC-L
2G11
2x18W



Luminaria empotrable
No Trim para lámpara
fluorescente. Balasto
electrónico para lámpara
fluorescente no incluido.

03.2750.30
03.2750.14

No Trim fluorescent lamp
recessed downlight.
Electronic ballast for
fluorescent lamps not
included.



Marco de pre-instalación.
Pre-installation frame. (Ref: 08.8188.00).



Marco de pre-instalación. Se ha de pedir por separado.
Pre-installation frame must be ordered separately.

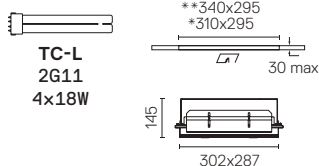
* Techo accesible: modular/abierto.
Accessible ceiling: modular/open.
**Techo no accesible.
Inaccessible ceiling.

COMPASS BOX RECESSED

COMPASS BOX RECESSED FLUO LARGE 4L



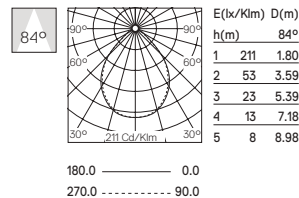
TC-L
2G11
4x18W



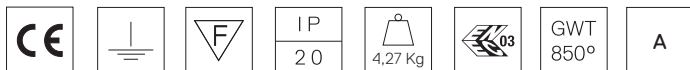
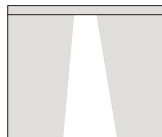
Luminaria empotrable
No Trim para lámpara
fluorescente. Balasto
electrónico para lámpara
fluorescente no incluido.

03.2755.30
03.2755.14

No Trim fluorescent lamp
recessed downlight.
Electronic ballast for
fluorescent lamps not
included.



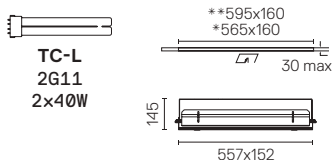
Marco de pre-instalación.
Pre-installation frame. (Ref: 08.8190.00).



COMPASS BOX RECESSED FLUO LARGE 2L



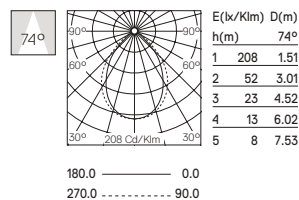
TC-L
2G11
2x40W



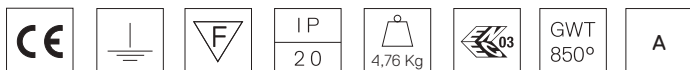
Luminaria empotrable
No Trim para lámpara
fluorescente. Balasto
electrónico para lámpara
fluorescente no incluido.

03.2760.30
03.2760.14

No Trim fluorescent lamp
recessed downlight.
Electronic ballast for
fluorescent lamps not
included.



Marco de pre-instalación.
Pre-installation frame. (Ref: 08.8189.00).



Marco de pre-instalación. Se ha de pedir por separado.
Pre-installation frame must be ordered separately.

* Techo accesible: modular/abierto.
Accessible ceiling: modular/open.
** Techo no accesible.
Inaccessible ceiling.

COMPASS BOX RECESSED

ACCESORIOS / ACCESSORIES

Compass Box Recessed No Trim S

Marco de pre-instalación de 1 luz pequeño.



08.8191.00



Pre-installation frame small single light.

Marco de pre-instalación de 2 luces pequeño.



08.8192.00



Pre-installation frame small 2 lights.

Compass Box Recessed No Trim L

Marco de pre-instalación de 1 luz grande.



08.8187.00



Pre-installation frame large single light.

Marco de pre-instalación para versiones: 2 luces grande y Fluo 2x18W.



08.8188.00



Pre-installation frame for versions: 2 large lights and Fluo 2x18W.

Marco de pre-instalación para versión Fluo 2x40W.



08.8189.00

Pre-installation frame for Fluo 2x40W version.

Marco de pre-instalación para versión Fluo 4x18W.



08.8190.00

Pre-installation frame for Fluo 4x18W version.

COMPASS BOX RECESSED

ACCESORIOS / ACCESSORIES

Accesorios aplicables para las versiones Compass Box Recessed Small.
Accessories for the versions Compass Box Recessed Small.

Cilindro de apantallamiento con
cruceta rotacional realizado en
termoplástico negro.



08.8238.14

Black thermoplastic screening
cylinder with rotating pin.

Rejilla antideslumbramiento.
Celdas de aluminio terminadas en
pintura negra tipo "Honeycomb".



08.8196.14

"Honeycomb" anti-glare grid in
aluminium cells with black liquid
paint finish.

Accesorios aplicables para las versiones: QR-111 / CDMR-111.
Accessories for the versions: QR-111 / CDMR-111.

Cilindro de apantallamiento con
cruceta rotacional realizado en
termoplástico negro.



08.8034.14

Black thermoplastic screening
cylinder with rotating pin.

Rejilla antideslumbramiento.
Celdas de aluminio terminadas en
pintura negra.



08.8036.14


Anti-glare grid in aluminium cells
with black liquid paint finish.


MICRO BATTERY


DESIGNED BY F.A. PORSCHE

Versión Version	FIXED	ADJUSTABLE	FIXED	ADJUSTABLE
				
	ASYMMETRIC 1L	ASYMMETRIC 2L	ASYMMETRIC 1L	ASYMMETRIC 2L
				

Fuentes de Luz Light Sources


LED ARRAY
 10,5W
 930 lm
 3000K
 CRI 80


PAR 16
 GZ10
 MAX 50W
 - OR -
LED PAR 16
 4W


QR-CBC 51
 GX5.3
 MAX 50W
 - OR -
LED QR-CBC 51
 7/10W

Colores Colours

20 Blanco Mate/RAL 9016
20 Matt White

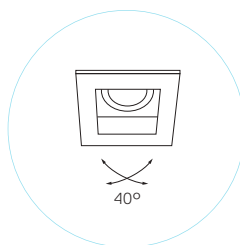
08 Mercurio/RAL 9007
08 Mercury

14 Negro Mate/RAL 9005
14 Matt Black



Rotación Rotation Features

La versión basculante puede ser orientada 40° en cualquier dirección.
Adjustable versions can be swivelled 40° in any direction.



MICRO BATTERY

Descripción

Luminaria de empotrar para ser instalada en interiores, en las versiones orientable o fija. Diseñada para lámparas LED, halógenas de muy baja tensión o directas a red. Cuerpo inclinable de soporte de la lámpara de aluminio inyectado a presión y acabado pintado negro con barniz en polvo. Anillo de cierre inyectado a presión acabado pintado negro con barniz en polvo. Muelle de fijación de la lámpara de acero inoxidable. Cuerpo para empotrar, de protección de la lámpara, de acero y acabado en pintura negra con barniz en polvo. Marco exterior de aluminio acabado en pintura. Sistema de fijación previsto para falsos techos de hasta 30 mm de espesor con soportes de acero inoxidable provistos de tornillos de seguridad. Disponible en los acabados: blanco mate (20), mercurio (08) y negro mate (14).

Reflectores

La luminaria ha sido diseñada únicamente para lámparas con reflector propio.

Fuentes de Luz

LED:

- LED Array, 10,5W.

Halógenas:

- directas a red: PAR 16, max 50W. (Es posible hacer un retrofit con lámparas LED convencionales).
- de muy baja tensión: QR-CBC 51, max 50W. (Es posible hacer un retrofit con lámparas LED convencionales).
* Retrofit recomendado solo con lámparas de FLOS.

Unidades de Alimentación

Transformador electrónico de última generación, no incluido. Transformador electrónico 20/105W, 220/240V, 50/60Hz con regulación de intensidad mediante dispositivo "trailing edge".

Accesorios

Cilindro antideslumbramiento. Cut-off 40°. No compatible con versiones de LED.

Información Adicional

Sistema de orientación tipo compás que permite la orientación hasta 40° en todas las direcciones. Índice de protección: IP44 en techos no accesibles, para luminarias con cristal de protección; IP23 en techos no accesibles, para luminarias sin cristal de protección. Clase de aislamiento II, III según las versiones. Instalable sobre superficies normalmente inflamables.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Recessed indoor luminaire, adjustable or fixed. Suitable for use with LED lamps, very low voltage halogens or direct mains power, metal halide lamps or a combination of them. Die-cast aluminum adjustable lamp-support with black powder-coated finish. Die-cast aluminum, black powder-coated closing ring. Stainless steel lamp fixing spring. Recessed steel body for reducing lamp visibility with black powder-coated finish. Painted aluminum outer frame. Fixing system for ceiling thicknesses 0-30 mm. with steel sprung brackets. Available finishes: matt white (20), mercury (08) and matt black (14).

Reflectors

The luminaire is designed for reflector lamps only.

Light Sources

LED:

- LED Array, 10,5W.

Halogen:

- mains voltage: PAR 16, max 50W. (Retrofit possible with conventional LED lamps).
- 12 volt: QR-CBC 51, max 50W. (Retrofit possible with conventional LED lamps).
* Retrofit recommended only with FLOS lamps.

Power Supply

Next-generation electronic transformer not included. 20/105W, 220/240V, 50/60Hz electronic transformer suitable for dimming when used with trailing edge dimmers.

Accessories

Anti-glare cylinder. Cut-off 40°. Not compatible with LED versions.

Additional Information

Compass-type adjustment system permits focusing from 0° to 40° in all directions. IP44 protection grade in non-accessible ceilings, for luminaires with glass cover; IP23 in non-accessible ceilings, for luminaires without glass cover. Insulation class II, III depending on the versions. Suitable for installation on normally inflammable surfaces.

Standard Compliance and Quality Marks

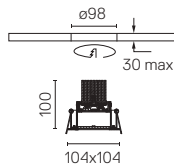
EN60598-1 European Technical Standards and any subsequent additions.

MICRO BATTERY

MICRO BATTERY OPAL GLASS



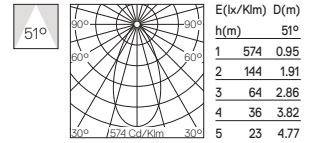
LED ARRAY
DC 500 mA
10,5W
930 lm
3000K
CRI 80



Luminaria empotrable
para fuente de luz LED.
Fuente de alimentación no
incluida.

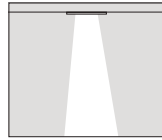
04.6330.20
04.6330.08
04.6330.14

Embedded luminaire for
LED light source. Power
supply not included.



Equipos recomendados:
Recommended power supply:

Non Dimmable 60.8650
Dimmable 1-10V 60.8533
Dimmable Dali 60.8530
Mains Dimming 60.8534

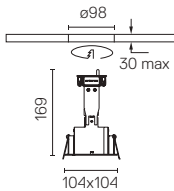


LED INCL.
NOT REPLACEABLE

MICRO BATTERY OPAL GLASS



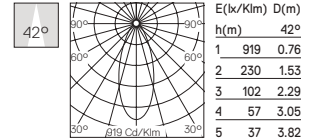
PAR 16
GZ10
MAX 50W



Empotrable con
alimentación directa a red.

04.6305.20
04.6305.08
04.6305.14

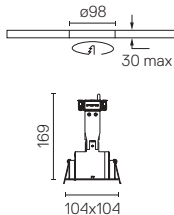
Recessed downlight with
main voltage source.



MICRO BATTERY OPAL GLASS



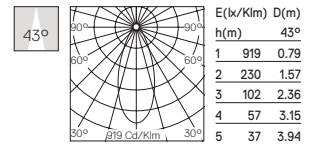
QR-CBC 51
GX5.3
MAX 50W



Empotrable para lámpara
halógena de 12V.
Transformador remoto no
incluido.

04.6300.20
04.6300.08
04.6300.14

12V halogen lamp
recessed downlight.
Remote transformer not
included.



El ensayo de la curva fotométrica
ha sido realizado con un ángulo de
apertura de 36°.

Photometric data made with
36° lamp.

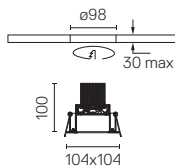


MICRO BATTERY

MICRO BATTERY FIXED



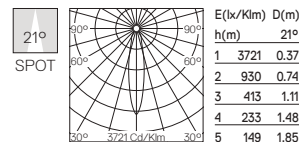
LED ARRAY
DC 500 mA
10,5W
930 lm
3000K
CRI 80



Luminaria empotrable para fuente de luz LED.
Fuente de alimentación no incluida.

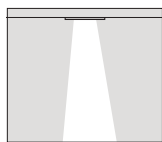
Embedded luminaire for LED light source. Power supply not included.

04.6333.20
04.6333.08
04.6333.14

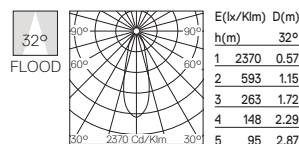


Equipos recomendados:
Recommended power supply:

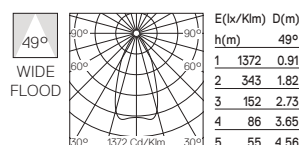
Non Dimmable 60.8650
Dimmable 1-10V 60.8533
Dimmable Dali 60.8530
Mains Dimming 60.8534



04.6334.20
04.6334.08
04.6334.14



04.6335.20
04.6335.08
04.6335.14



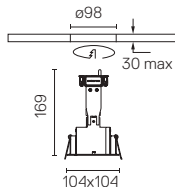
MICRO BATTERY FIXED



PAR 16
GZ10
MAX 50W

- OR -

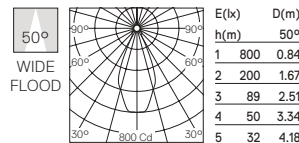
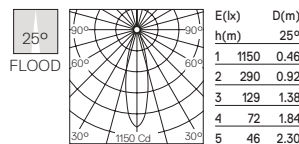
LED
PAR 16
GZ10
4W



Empotrable con alimentación directa a red.

Recessed downlight with main voltage source.

04.6306.20
04.6306.08
04.6306.14



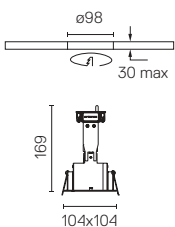
MICRO BATTERY FIXED



QR-CBC 51
GX5.3
MAX 50W

- OR -

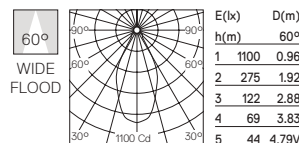
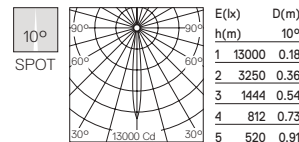
LED
QR-CBC 51
GX5.3
7/10W



Empotrable para lámpara halógena de 12V.
Transformador remoto no incluido.

12V halogen lamp recessed downlight.
Remote transformer not included.

04.6301.20
04.6301.08
04.6301.14

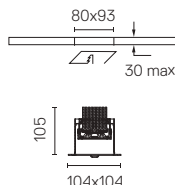


MICRO BATTERY

MICRO BATTERY ADJUSTABLE



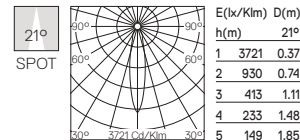
LED ARRAY
DC 500 mA
10,5W
930 lm
3000K
CRI 80



Luminaria empotrable para fuente de luz LED.
Fuente de alimentación no incluida.

Embedded luminaire for LED light source. Power supply not included.

04.6336.20
04.6336.08
04.6336.14

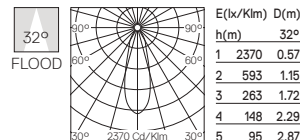


Equipos recomendados:
Recommended power supply:

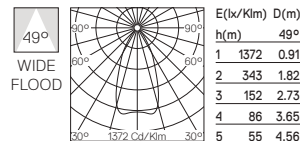
Non Dimmable 60.8650
Dimmable 1-10V 60.8533
Dimmable Dali 60.8530
Mains Dimming 60.8534



04.6337.20
04.6337.08
04.6337.14



04.6338.20
04.6338.08
04.6338.14



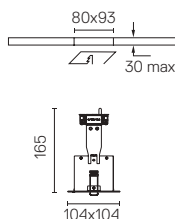
MICRO BATTERY ADJUSTABLE



PAR 16
GZ10
MAX 50W

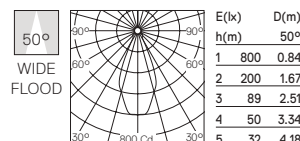
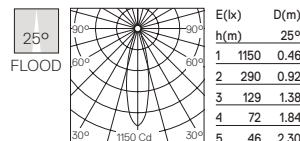
- OR -

LED
PAR 16
GZ10
4W



Empotrable con alimentación directa a red.
Recessed downlight with main voltage source.

04.6307.20
04.6307.08
04.6307.14



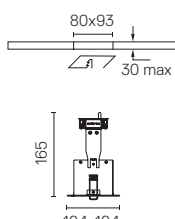
MICRO BATTERY ADJUSTABLE



QR-CBC 51
GX5.3
MAX 50W

- OR -

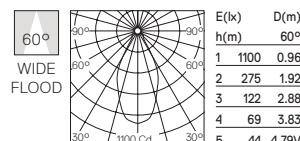
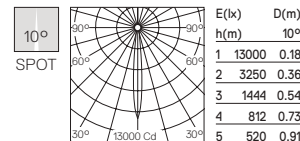
LED
QR-CBC 51
GX5.3
7/10W



Empotrable para lámpara halógena de 12V.
Transformador remoto no incluido.

12V halogen lamp recessed downlight.
Remote transformer not included.

04.6302.20
04.6302.08
04.6302.14

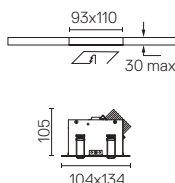


MICRO BATTERY

MICRO BATTERY ASYMMETRIC 1L



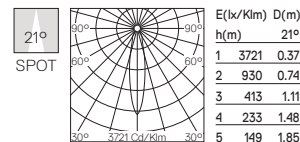
LED ARRAY
DC 500 mA
10,5W
930 lm
3000K
CRI 80



Luminaria empotrable para fuente de luz LED.
Fuente de alimentación no incluida.

Embedded luminaire for LED light source. Power supply not included.

- 04.6339.20
- 04.6339.08
- 04.6339.14

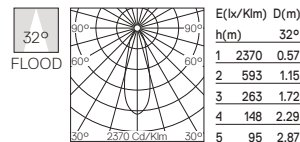


Equipos recomendados:
Recommended power supply:

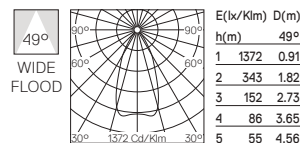
- Non Dimmable 60.8650
- Dimmable 1-10V 60.8533
- Dimmable Dali 60.8530
- Mains Dimming 60.8534



- 04.6340.20
- 04.6340.08
- 04.6340.14



- 04.6341.20
- 04.6341.08
- 04.6341.14



40° CE III F IP 23 0,49 Kg 03 GWT 850° LED INCL. NOT REPLACEABLE

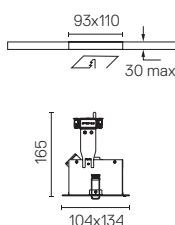
MICRO BATTERY ASYMMETRIC 1L



PAR 16 GZ10
MAX 50W

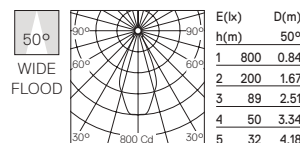
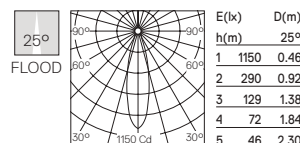
- OR -

LED PAR 16 GZ10
4W



Empotrable con alimentación directa a red.
Recessed downlight with main voltage source.

- 04.6308.20
- 04.6308.08
- 04.6308.14



40° CE III F IP 23 0,49 Kg 03 GWT 850° A D → E

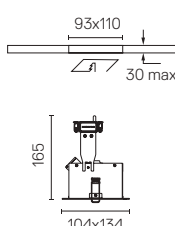
MICRO BATTERY ASYMMETRIC 1L



QR-CBC 51 GX5.3
MAX 50W

- OR -

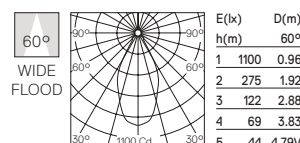
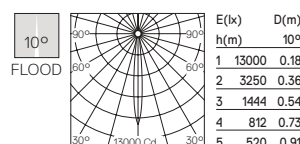
LED QR-CBC 51 GX5.3
7/10W



Empotrable para lámpara halógena de 12V.
Transformador remoto no incluido.

12V halogen lamp recessed downlight.
Remote transformer not included.

- 04.6303.20
- 04.6303.08
- 04.6303.14



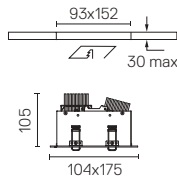
40° CE III F IP 23 0,46 Kg 03 GWT 850° A* → E

MICRO BATTERY

MICRO BATTERY ASYMMETRIC 2L

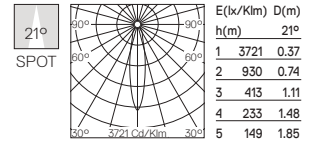


LED ARRAY
DC 500 mA
2x10,5W
2x930 lm
3000K
CRI 80



Luminaria empotrable de 2 luces para fuente de luz LED. Fuente de alimentación no incluida. Es necesario una fuente de alimentación por cada cuerpo óptico.

04.6342.20
04.6342.08
04.6342.14



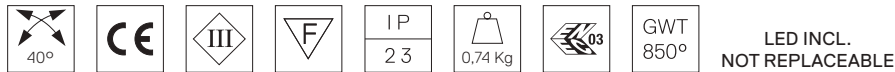
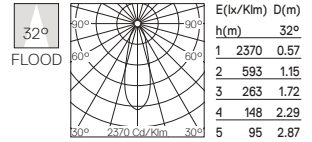
Equipos recomendados:
Recommended power supply:

Non Dimmable 60.8650
Dimmable 1-10V 60.8533
Dimmable Dali 60.8530
Mains Dimming 60.8534



Embedded luminaire with 2 lights for LED light source. Power supply not included. Requires one power supply for each optic body.

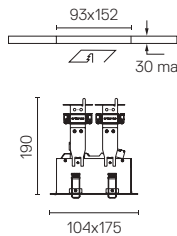
04.6343.20
04.6343.08
04.6343.14



MICRO BATTERY ASYMMETRIC 2L

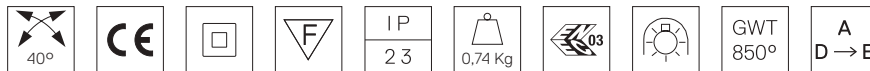
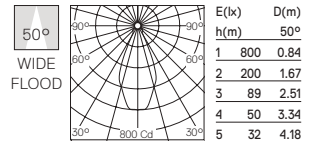
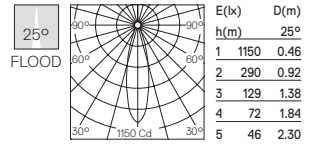


PAR 16
GZ10
MAX 2x50W
- OR -



Empotrable con alimentación directa a red.
Recessed downlight with main voltage source.

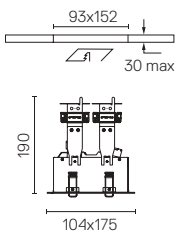
04.6309.20
04.6309.08
04.6309.14



MICRO BATTERY ASYMMETRIC 2L

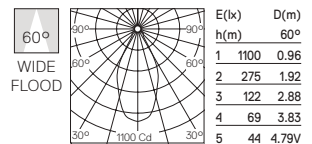
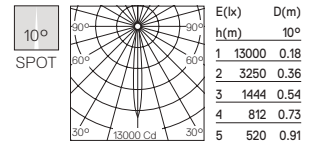


QR-CBC 51
GX5.3
MAX 2x50W
- OR -

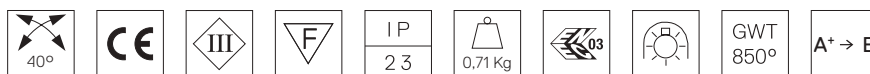


Empotrable para lámpara halógena de 12V.
Transformador remoto no incluido.

04.6304.20
04.6304.08
04.6304.14



12V halogen lamp recessed downlight.
Remote transformer not included.



MICRO BATTERY

ACCESORIOS / ACCESSORIES

Cilindro antideslumbramiento. Cut-off 40°. No compatible con versiones de LED.



■ 08.8270.14








Anti-glare cylinder. Cut-off 40°. Not compatible with LED versions.



215

BATTERY

DESIGNED BY F.A. PORSCHE

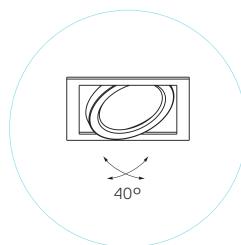
Versión Version	BATTERY TRIM / NO TRIM SMALL 1L / 2L / 3L / 4L SQUARE	BATTERY TRIM / NO TRIM SMALL 1L / 2L / 3L / 4L SQUARE	BATTERY TRIM / NO TRIM LARGE 1L / 2L / 3L / 4L SQUARE
Fuentes de Luz Light Sources	 <p>LED ARRAY 20W 2290 1m 3000K CRI 80</p>	 <p>QR-CBC 51 GX5.3 MAX 50W - OR - LED QR-CBC 51 7/10W</p>  <p>QR-70 BA15d MAX 50W</p>	 <p>QR-111 G53 MAX 100W - OR - LED QR-111</p>  <p>HIT-CRI G12 MAX 70W</p>  <p>CDM-TC G8.5 MAX 70W</p>  <p>CDM-R111 GX8.5 MAX 70W</p>

Colores Colours			
Battery Trim	<input type="checkbox"/> 20 Blanco Mate/RAL 9016 20 Matt White	<input type="checkbox"/> 08 Mercurio/RAL 9007 08 Mercury	<input type="checkbox"/> 14 Negro Mate/RAL 9005 14 Matt Black

Battery No Trim			
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Rotación
Rotation Features

Puede ser rotado 40° en cualquier dirección.
Can be rotated 40° in any direction.



BATTERY

Descripción

Sistema de 1, 2, 3 ó 4 luminarias orientables, para empotrar en falsos techos de 1 a 30 mm de espesor. Diseñado para lámparas LED, halógenas de muy baja tensión o directas a red, de halogenuros metálicos, combinables entre ellas. Cuerpo para empotrar de acero inyectado y pintado con barniz en polvo de color negro opaco y marco para empotrar realizado de extrusión de aluminio con sistema de fijación al falso techo. (Battery No Trim).

Sistema de orientación tipo "compás" de acero inyectado y pintado con barniz en polvo de color negro opaco. Sistema de fijación mediante soportes de acero pintado negro atornillados. Aros moleteados en aluminio inyectado a presión alojados en un marco de acero de 3 mm. Regleta para las conexiones eléctricas situada por encima de la caja que aloja las lámparas.

En las versiones con lámparas halógenas: aro interior adicional de PPS de alta resistencia para la fijación de la lámpara y antideslumbramiento.

En las versiones con lámparas de descarga: disipador térmico, situado sobre el portalámparas, en aleación de aluminio inyectado a presión. Cristal de protección templado de 3 mm de espesor.

Disponible en los acabados: blanco mate (20), mercurio (08) y negro mate (14).

Reflectores

Reflector de aluminio con acabado anodizado de color plateado por el exterior y con revestimiento de aluminio superpuro en el interior. Aro de protección de material termoplástico negro para las lámparas de alta luminancia.

Fuentes de Luz

LED:

- LED Array, 20W.

Halógenas:

- QR-CBC 51, max 50W. (Es posible hacer un retrofit con lámparas LED convencionales).

- QR-111, max 100W. (Es posible hacer un retrofit con lámparas LED convencionales).

* Retrofit recomendado solo con lámparas de FLOS.

- QR-70, max 50W.

De descarga:

- CDM-TC, max 70W.

- HIT-CRI, max 70W.

- CDM-R111, max 70W.

Unidades de Alimentación

Precableado incluido; listo para ser alimentado mediante dispositivos a distancia.

Conexión rápida, tipo "Wieland", con la unidad de alimentación para lámparas de descarga.

Halógenas:

- transformador electrónico 20/105W, 220/240V, 50/60Hz con regulador de intensidad mediante dispositivo "trailing edge".

De descarga:

- unidad de alimentación convencional de bajas pérdidas 35/70W, 220/240V, 50/60Hz.

- unidad de alimentación electrónica de última generación 35/70W, 220/240V, 50/60Hz.

Accesorios

- cilindro de protección con rejilla direccional incorporada, acabado pintado con barniz negro en polvo.

- rejilla antideslumbramiento realizada con celdas de aluminio, acabada con pintura negra.

- lente de distribución elíptica de cristal templado de 4 mm.

- filtros cromáticos.

- marco necesario para la instalación en falso techo (Battery No Trim).

Información Adicional

Sistema de orientación tipo compás que permite la orientación hasta 40° en todas las direcciones.

Índice de protección IP20, IP23, según las versiones.

Clase de aislamiento I, III, según las versiones.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

1, 2, 3 or 4 lamp adjustable- system, for recessed ceiling thicknesses of 1-30 mm. Suitable for use with LED lamps, very low voltage halogens or direct mains power, metal halide lamps or a combination of them.

Pressed steel and matt black, powder-coated recessed housing, extruded aluminum recessed trim frame for use with false ceiling systems. (Battery No Trim).

Steel "compass-type" adjustment mechanism, powder-coated matt black. Innovative steel bracket fixing system, painted black, with allen key locking mechanism. Die-cast aluminum knurled rings housed in a 3 mm steel frame. Terminal block positioned on canopy housing box.

Halogen: additional high-resistance PPS inner ring, for mounting lamp and anti-glare functions.

Discharge: die-cast aluminum alloy heat sink positioned above the lamp support, 3 mm tempered glass cover.

Available finishes: matt white (20), mercury (08) and matt black (14).

Reflectors

Super-pure, anodised-aluminum, silver reflectors with polished specular finish.

Light Sources

LED:

- LED Array, 20W.

Halogen:

- QR-CBC 51, max 50W. (Retrofit possible with conventional LED lamps).

- QR-111, max 100W. (Retrofit possible with conventional LED lamps).

* Retrofit recommended only with FLOS lamps.

- QR-70, max 50W.

Discharge:

- CDM-TC, max 70W.

- HIT-CRI, max 70W.

- CDM-R111, max 70W.

Power Supply

Pre-wiring included; ready for remote power supply.

Wieland connectors used for discharge control gear providing quick installation time.

Halogen:

- electronic transformer 20/105W, 220/240V, 50/60Hz suitable for dimming when used with trailing edge dimmers.

Discharge:

- traditional low-loss power supply 35/70W, 220/240V, 50/60Hz.

- next-generation electronic power supply 35/70W, 220/240V, 50/60Hz.

Accessories

- screening cylinder with cross baffle element incorporated, black powder-coated finish.

- anti-glare screen with aluminum honeycomb cells, black-painted finish.

- 4 mm tempered glass elliptical distribution lens.

- chromatic filters.

- frame needed for installation on false ceiling (Battery No Trim).

Additional Information

Compass-type adjustment system permits focusing from 0° to 40° in all directions.

IP20, IP23 protection grade depending on the versions.

Insulation class I, III depending on the versions.

Standard Compliance and Quality Marks

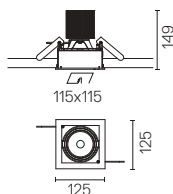
EN60598-1 European Technical Standards and any subsequent additions.

BATTERY

BATTERY TRIM SMALL 1L



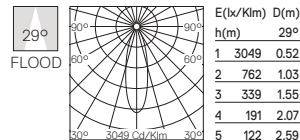
LED ARRAY
DC 700 mA
20W
2290 1m
3000K
CRI 80



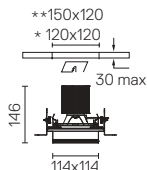
Luminaria empotrable para fuente de luz LED. Fuente de alimentación no incluida.

Embedded luminaire for LED light source. Power supply not included.

- 04.6470.20A ●
- 04.6470.08A ●
- 04.6470.14A ●
- 04.6470.14ANT ●

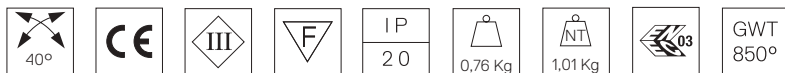
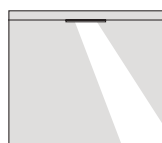


[BATTERY NO TRIM SMALL 1L]

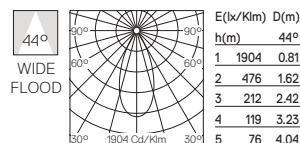


Equipos recomendados:
Recommended power supply:

Non Dimmable 60.8437
Dimmable 1-10V 60.8533
Dimmable Dali 60.8530
Mains Dimming 60.8534



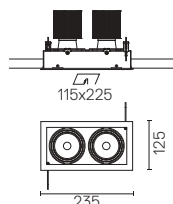
LED INCL.
NOT REPLACEABLE



BATTERY TRIM SMALL 2L



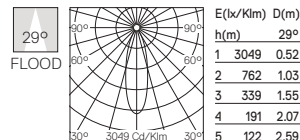
LED ARRAY
DC 700 mA
2x20W
2x2290 1m
3000K
CRI 80



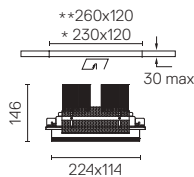
Luminaria empotrable de múltiples cuerpos ópticos para fuente de luz LED. Fuente de alimentación no incluida. Es necesaria una fuente de alimentación por cada cuerpo óptico.

Embedded luminaire with multiple optic bodies for LED light source. Power supply not included. Requires one power supply for each optic body.

- 04.6475.20A ●
- 04.6475.08A ●
- 04.6475.14A ●
- 04.6475.14ANT ●

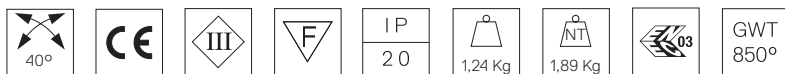


[BATTERY NO TRIM SMALL 2L]

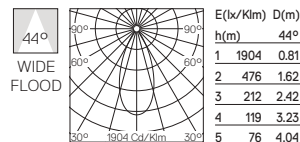


Equipos recomendados:
Recommended power supply:

Non Dimmable 60.8437
Dimmable 1-10V 60.8533
Dimmable Dali 60.8530
Mains Dimming 60.8534



LED INCL.
NOT REPLACEABLE



[Marco de pre-instalación. Se ha de pedir por separado.]
Pre-installation frame must be ordered separately.

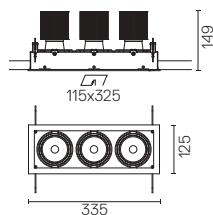
* Techo accesible: modular/abierto.
Accessible ceiling: modular/open.
**Techo no accesible.
Inaccessible ceiling.

BATTERY

BATTERY TRIM SMALL 3 L

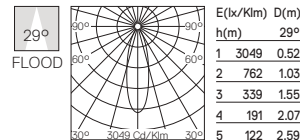


LED ARRAY
DC 700 mA
3x20W
3x2290 1m
3000K
CRI 80

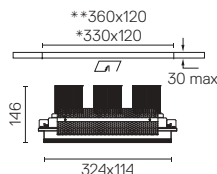


Luminaria empotrable de múltiples cuerpos ópticos para fuente de luz LED. Fuente de alimentación no incluida. Es necesaria una fuente de alimentación por cada cuerpo óptico.

- 04.6480.20A
- 04.6480.08A
- 04.6480.14A
- 04.6480.14ANT

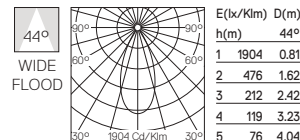


[BATTERY NO TRIM SMALL 3 L]



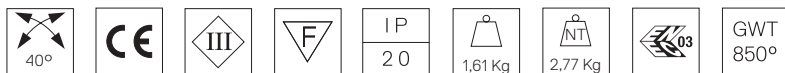
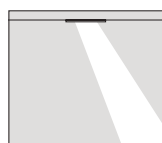
Embedded luminaire with multiple optic bodies for LED light source. Power supply not included. Requires one power supply for each optic body.

- 04.6481.20A
- 04.6481.08A
- 04.6481.14A
- 04.6481.14ANT



Equipos recomendados:
Recommended power supply:

Non Dimmable 60.8437
Dimmable 1-10V 60.8533
Dimmable Dali 60.8530
Mains Dimming 60.8534

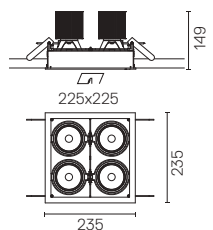


LED INCL.
NOT REPLACEABLE

BATTERY TRIM SMALL 4 L SQUARE

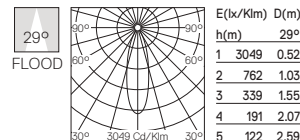


LED ARRAY
DC 700 mA
4x20W
4x2290 1m
3000K
CRI 80

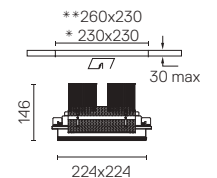


Luminaria empotrable de múltiples cuerpos ópticos para fuente de luz LED. Fuente de alimentación no incluida. Es necesaria una fuente de alimentación por cada cuerpo óptico.

- 04.6485.20A
- 04.6485.08A
- 04.6485.14A
- 04.6485.14ANT

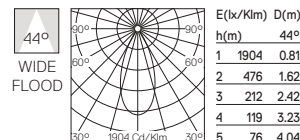


[BATTERY NO TRIM SMALL 4 L SQUARE]



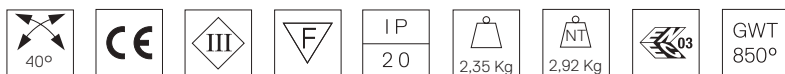
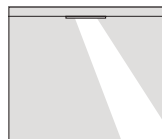
Embedded luminaire with multiple optic bodies for LED light source. Power supply not included. Requires one power supply for each optic body.

- 04.6486.20A
- 04.6486.08A
- 04.6486.14A
- 04.6486.14ANT



Equipos recomendados:
Recommended power supply:

Non Dimmable 60.8437
Dimmable 1-10V 60.8533
Dimmable Dali 60.8530
Mains Dimming 60.8534



LED INCL.
NOT REPLACEABLE

[Marco de pre-instalación. Se ha de pedir por separado.]
Pre-installation frame must be ordered separately.

* Techo accesible: modular/abierto.
Accessible ceiling: modular/open.
** Techo no accesible.
Inaccessible ceiling.

BATTERY

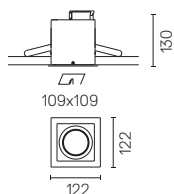
BATTERY TRIM SMALL 1L



QR-CBC 51
GX5.3
MAX 50W

-OR-

LED
QR-CBC 51
GX5.3
7/10W

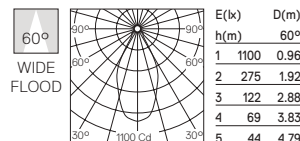
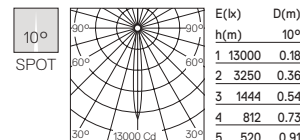


Empotrable para lámpara halógena de 12V.
Transformador remoto no incluido.

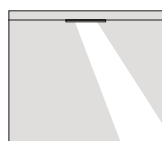
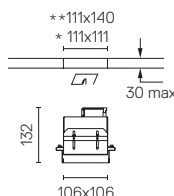
12V halogen lamp recessed downlight.
Remote transformer not included.

04.6021.20 ●
04.6021.08 ●
04.6021.14 ●

04.6021.20.NT ●
04.6021.08.NT ●
04.6021.14.NT ●



[BATTERY NO TRIM] SMALL 1L



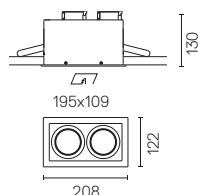
BATTERY TRIM SMALL 2L



QR-CBC 51
GX5.3
MAX 2x50W

-OR-

LED
QR-CBC 51
GX5.3
7/10W

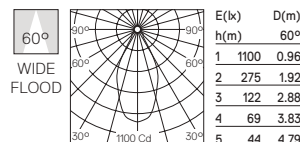
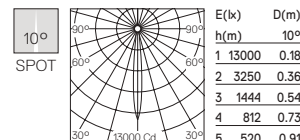


Empotrable para lámpara halógena de 12V.
Transformador remoto no incluido.

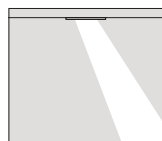
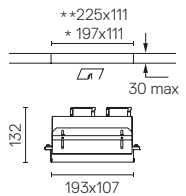
12V halogen lamp recessed downlight.
Remote transformer not included.

04.6022.20 ●
04.6022.08 ●
04.6022.14 ●

04.6022.20.NT ●
04.6022.08.NT ●
04.6022.14.NT ●



[BATTERY NO TRIM] SMALL 2L



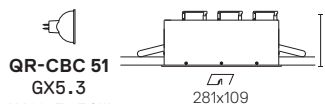
Aro interior adicional de plástico (PPS) de alta resistencia.
Additional inner plastic (PPS) ring for lamp approaching & low glare effect.

* Techo accesible: modular/abierto.
Accessible ceiling: modular/open.
** Techo no accesible.
Inaccessible ceiling.

[Marco de pre-instalación. Se ha de pedir por separado.]
Pre-installation frame must be ordered separately.

BATTERY

BATTERY TRIM SMALL 3L

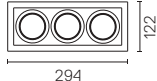


QR-CBC 51
GX5.3
MAX 3x50W

-OR-



LED
QR-CBC 51
GX5.3
7/10W

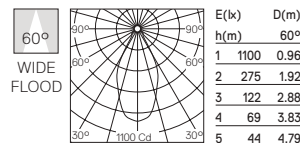
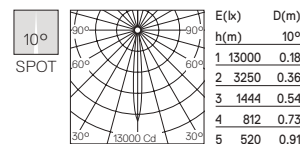


Empotrable para lámpara
halógena de 12V.
Transformador remoto no
incluido.

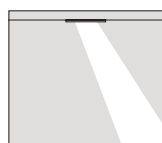
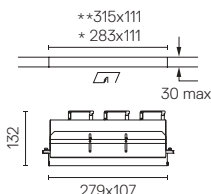
04.6023.20
04.6023.08
04.6023.14

12V halogen lamp
recessed downlight.
Remote transformer not
included.

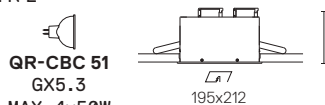
04.6023.20.NT
04.6023.08.NT
04.6023.14.NT



[BATTERY NO TRIM SMALL 3L]



BATTERY TRIM SMALL 4L SQUARE

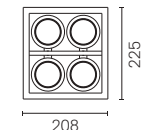


QR-CBC 51
GX5.3
MAX 4x50W

-OR-



LED
QR-CBC 51
GX5.3
7/10W

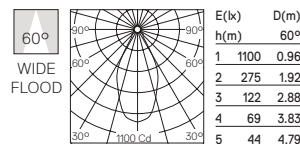
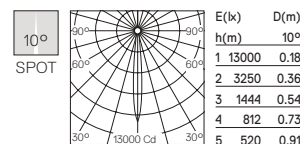


Empotrable para lámpara
halógena de 12V.
Transformador remoto no
incluido.

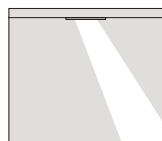
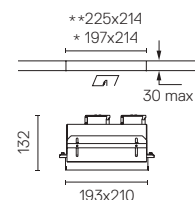
04.6024.20
04.6024.08
04.6024.14

12V halogen lamp
recessed downlight.
Remote transformer not
included.

04.6024.20.NT
04.6024.08.NT
04.6024.14.NT



[BATTERY NO TRIM SMALL 4L SQUARE]



Aro interior adicional de plástico (PPS) de alta resistencia.
Additional inner plastic (PPS) ring for lamp approaching & low glare effect.

* Techo accesible: modular/abierto.
Accessible ceiling: modular/open.
** Techo no accesible.
Inaccessible ceiling.

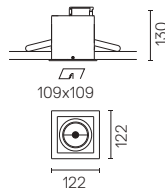
[Marco de pre-instalación. Se ha de pedir por separado.
Pre-installation frame must be ordered separately.]

BATTERY

BATTERY TRIM SMALL 1L



QR-70
BA15d
MAX 50W

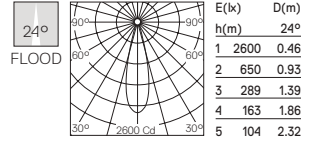
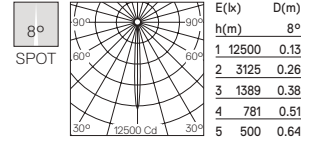


Empotrable para lámpara halógena de 12V.
Transformador remoto no incluido.

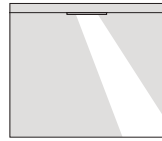
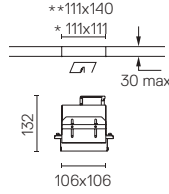
04.6011.20
04.6011.08
04.6011.14

12V halogen lamp recessed downlight.
Remote transformer not included.

04.6011.20.NT
04.6011.08.NT
04.6011.14.NT



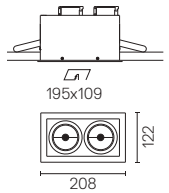
[BATTERY NO TRIM] SMALL 1L



BATTERY TRIM SMALL 2L



QR-70
BA15d
MAX 2x50W

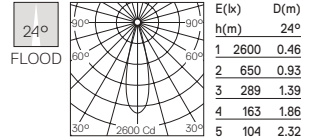
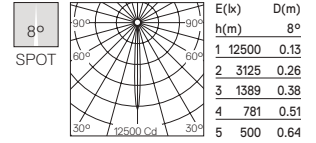


Empotrable para lámpara halógena de 12V.
Transformador remoto no incluido.

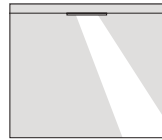
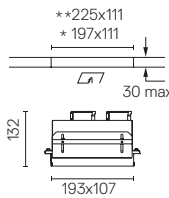
04.6012.20
04.6012.08
04.6012.14

12V halogen lamp recessed downlight.
Remote transformer not included.

04.6012.20.NT
04.6012.08.NT
04.6012.14.NT



[BATTERY NO TRIM] SMALL 2L



[Marco de pre-instalación. Se ha de pedir por separado.]
Pre-installation frame must be ordered separately.]

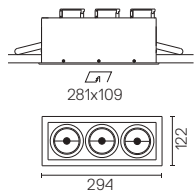
* Techo accesible: modular/abierto.
Accessible ceiling: modular/open.
**Techo no accesible.
Inaccessible ceiling.

BATTERY

BATTERY TRIM SMALL 3L



QR-70
BA15d
MAX 3x50W

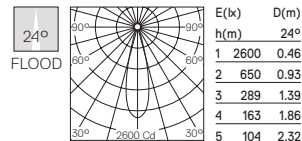
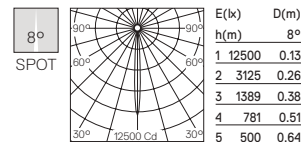


Empotrable para lámpara
halógena de 12V.
Transformador remoto no
incluido.

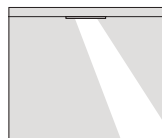
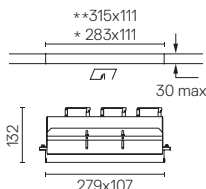
04.6013.20
04.6013.08
04.6013.14

12V halogen lamp
recessed downlight.
Remote transformer not
included.

04.6013.20.NT
04.6013.08.NT
04.6013.14.NT



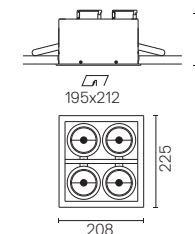
[BATTERY NO TRIM SMALL 3L]



BATTERY TRIM SMALL 4L SQUARE



QR-70
BA15d
MAX 4x50W

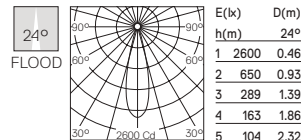
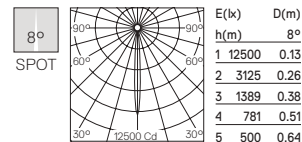


Empotrable para lámpara
halógena de 12V.
Transformador remoto no
incluido.

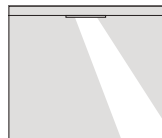
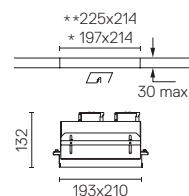
04.6014.20
04.6014.08
04.6014.14

12V halogen lamp
recessed downlight.
Remote transformer not
included.

04.6014.20.NT
04.6014.08.NT
04.6014.14.NT



[BATTERY NO TRIM SMALL 4L SQUARE]



[Marco de pre-instalación. Se ha de pedir por separado.]
Pre-installation frame must be ordered separately.

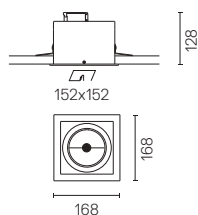
* Techo accesible: modular/abierto.
Accessible ceiling: modular/open.
**Techo no accesible.
Inaccessible ceiling.

BATTERY

BATTERY TRIM LARGE 1L



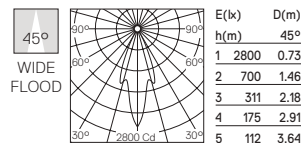
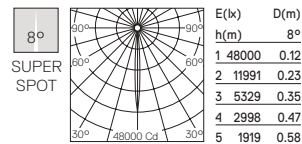
QR-111
G53
MAX 100W
-OR-
LED QR-111



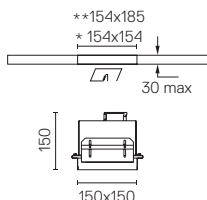
Empotrable para lámpara halógena de 12V.
Transformador remoto no incluido.

12V halogen lamp recessed downlight.
Remote transformer not included.

●	04.6001.20	●
●	04.6001.08	●
●	04.6001.14	●
●	04.6001.20.NT	●
●	04.6001.08.NT	●
●	04.6001.14.NT	●



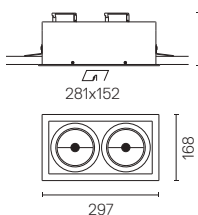
[BATTERY NO TRIM LARGE 1L]



BATTERY TRIM LARGE 2L



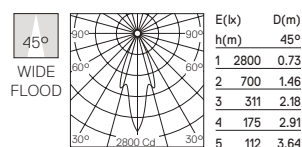
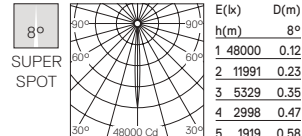
QR-111
G53
MAX 2x100W
-OR-
LED QR-111



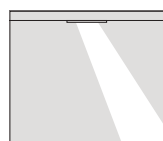
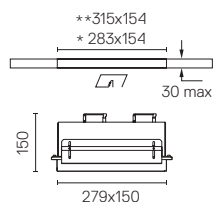
Empotrable para lámpara halógena de 12V.
Transformador remoto no incluido.

12V halogen lamp recessed downlight.
Remote transformer not included.

●	04.6002.20	●
●	04.6002.08	●
●	04.6002.14	●
●	04.6002.20.NT	●
●	04.6002.08.NT	●
●	04.6002.14.NT	●



[BATTERY NO TRIM LARGE 2L]



[Marco de pre-instalación. Se ha de pedir por separado.]
Pre-installation frame must be ordered separately.]

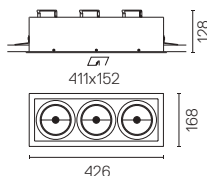
* Techo accesible: modular/abierto.
Accessible ceiling: modular/open.
**Techo no accesible.
Inaccessible ceiling.

BATTERY

BATTERY TRIM LARGE 3L



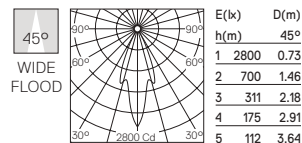
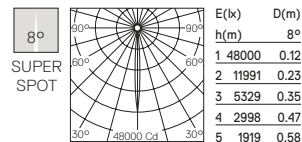
QR-111
G53
MAX 3x100W
-OR-
LED QR-111



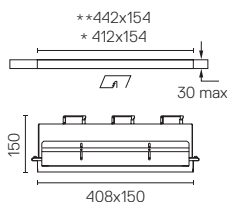
Empotrable para lámpara halógena de 12V.
Transformador remoto no incluido.

12V halogen lamp recessed downlight.
Remote transformer not included.

- 04.6003.20
- 04.6003.08
- 04.6003.14
- 04.6003.20.NT
- 04.6003.08.NT
- 04.6003.14.NT



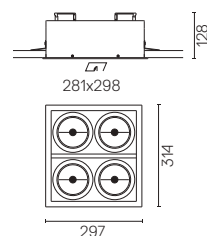
[BATTERY NO TRIM LARGE 3L]



BATTERY TRIM LARGE 4L SQUARE



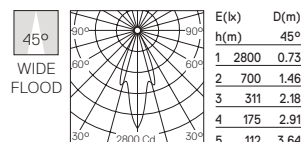
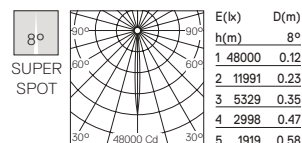
QR-111
G53
MAX 4x100W
-OR-
LED QR-111



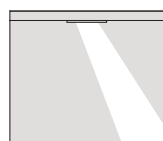
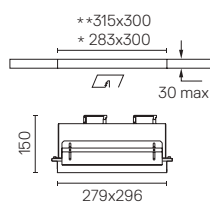
Empotrable para lámpara halógena de 12V.
Transformador remoto no incluido.

12V halogen lamp recessed downlight.
Remote transformer not included.

- 04.6004.20
- 04.6004.08
- 04.6004.14
- 04.6004.20.NT
- 04.6004.08.NT
- 04.6004.14.NT



[BATTERY NO TRIM LARGE 4L SQUARE]



[Marco de pre-instalación. Se ha de pedir por separado.]
Pre-installation frame must be ordered separately.

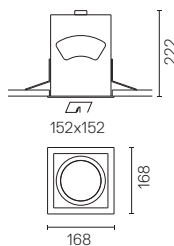
* Techo accesible: modular/abierto.
Accessible ceiling: modular/open.
** Techo no accesible.
Inaccessible ceiling.

BATTERY

BATTERY TRIM LARGE 1L



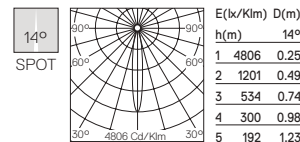
CDM-TC
G8.5
MAX 70W



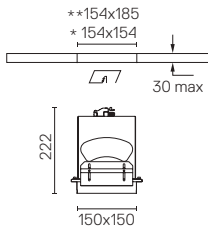
Empotrable para lámpara de halogenuro metálico. Balasto no incluido.

Metal halide lamp recessed downlight. Remote control gear not included.

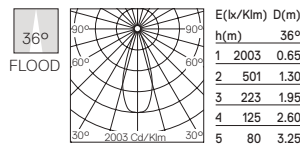
■	04.6125.20
■	04.6125.08
■	04.6125.14
■	04.6125.20.NT
■	04.6125.08.NT
■	04.6125.14.NT



[BATTERY NO TRIM LARGE 1L]



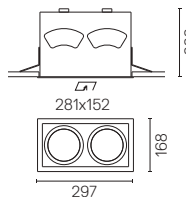
■	04.6124.20	●
■	04.6124.08	●
■	04.6124.14	●
■	04.6124.20.NT	●
■	04.6124.08.NT	●
■	04.6124.14.NT	●



BATTERY TRIM LARGE 2L



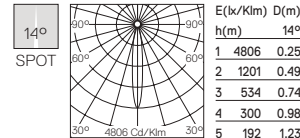
CDM-TC
G8.5
MAX 2x70W



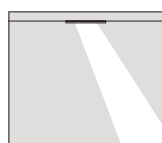
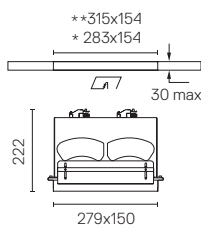
Empotrable para lámpara de halogenuro metálico. Balasto no incluido.

Metal halide lamp recessed downlight. Remote control gear not included.

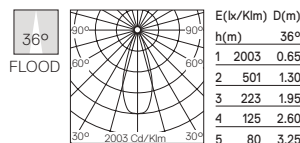
■	04.6127.20
■	04.6127.08
■	04.6127.14
■	04.6127.20.NT
■	04.6127.08.NT
■	04.6127.14.NT



[BATTERY NO TRIM LARGE 2L]



■	04.6126.20
■	04.6126.08
■	04.6126.14
■	04.6126.20.NT
■	04.6126.08.NT
■	04.6126.14.NT



[Marco de pre-instalación. Se ha de pedir por separado.]
Pre-installation frame must be ordered separately.

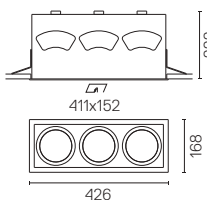
* Techo accesible: modular/abierto.
Accessible ceiling: modular/open.
**Techo no accesible.
Inaccessible ceiling.

BATTERY

BATTERY TRIM LARGE 3L



CDM-TC
G8.5
MAX 3x70W

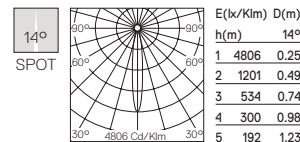


Empotrable para lámpara de halogenuro metálico. Balasto no incluido.

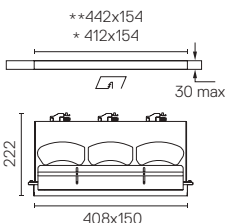
Metal halide lamp recessed downlight. Remote control gear not included.

04.6135.20
04.6135.08
04.6135.14

04.6135.20.NT
04.6135.08.NT
04.6135.14.NT

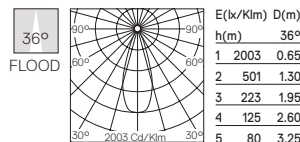


[BATTERY NO TRIM] LARGE 3L



04.6134.20
04.6134.08
04.6134.14

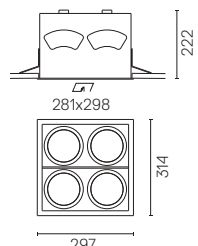
04.6134.20.NT
04.6134.08.NT
04.6134.14.NT



BATTERY TRIM LARGE 4L SQUARE



CDM-TC
G8.5
MAX 4x70W

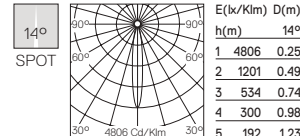


Empotrable para lámpara de halogenuro metálico. Balasto no incluido.

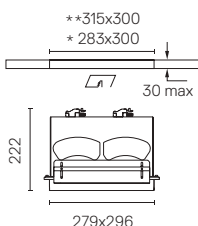
Metal halide lamp recessed downlight. Remote control gear not included.

04.6139.20
04.6139.08
04.6139.14

04.6139.20.NT
04.6139.08.NT
04.6139.14.NT

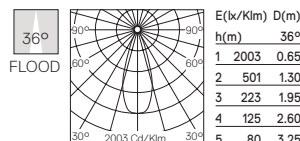


[BATTERY NO TRIM] LARGE 4L SQUARE



04.6138.20
04.6138.08
04.6138.14

04.6138.20.NT
04.6138.08.NT
04.6138.14.NT



[Marco de pre-instalación. Se ha de pedir por separado.]
Pre-installation frame must be ordered separately.

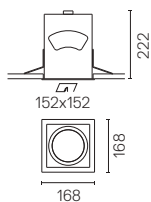
* Techo accesible: modular/abierto.
Accessible ceiling: modular/open.
** Techo no accesible.
Inaccessible ceiling.

BATTERY

BATTERY TRIM LARGE 1L



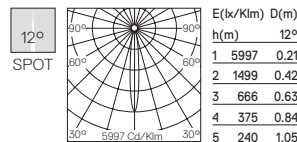
HIT-CRI
G12
MAX 70W



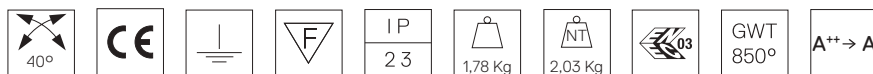
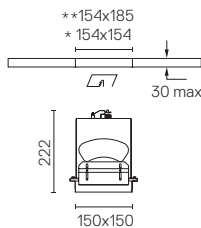
Empotrable para lámpara
de halogenuro metálico.
Balasto no incluido.

Metal halide lamp
recessed downlight.
Remote control gear not
included.

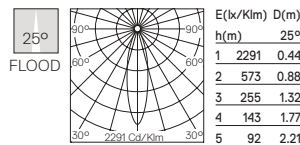
- 04.6116.20
- 04.6116.08
- 04.6116.14
- 04.6116.20.NT
- 04.6116.08.NT
- 04.6116.14.NT



[BATTERY NO TRIM] LARGE 1L



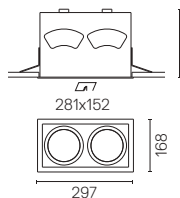
- 04.6108.20
- 04.6108.08
- 04.6108.14
- 04.6108.20.NT
- 04.6108.08.NT
- 04.6108.14.NT



BATTERY TRIM LARGE 2L



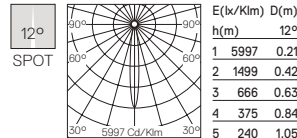
HIT-CRI
G12
MAX 2x70W



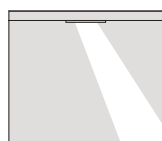
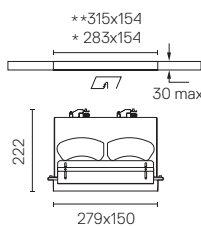
Empotrable para lámpara
de halogenuro metálico.
Balasto no incluido.

Metal halide lamp
recessed downlight.
Remote control gear not
included.

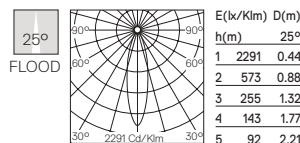
- 04.6117.20
- 04.6117.08
- 04.6117.14
- 04.6117.20.NT
- 04.6117.08.NT
- 04.6117.14.NT



[BATTERY NO TRIM] LARGE 2L



- 04.6109.20
- 04.6109.08
- 04.6109.14
- 04.6109.20.NT
- 04.6109.08.NT
- 04.6109.14.NT



[Marco de pre-instalación. Se ha de pedir por separado.]
Pre-installation frame must be ordered separately.

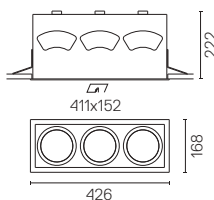
* Techo accesible: modular/abierto.
Accessible ceiling: modular/open.
**Techo no accesible.
Inaccessible ceiling.

BATTERY

BATTERY TRIM LARGE 3L



**HIT-CRI
G12
MAX 3x70W**

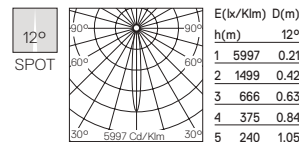


Empotrable para lámpara de halogenuro metálico. Balasto no incluido.

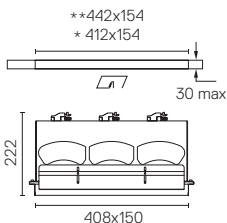
Metal halide lamp recessed downlight. Remote control gear not included.

04.6121.20
04.6121.08
04.6121.14

04.6121.20.NT
04.6121.08.NT
04.6121.14.NT

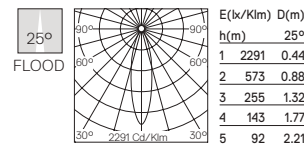


[BATTERY NO TRIM LARGE 3L]



04.6113.20
04.6113.08
04.6113.14

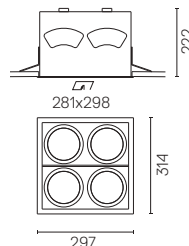
04.6113.20.NT
04.6113.08.NT
04.6113.14.NT



BATTERY TRIM LARGE 4L SQUARE



**HIT-CRI
G12
MAX 4x70W**

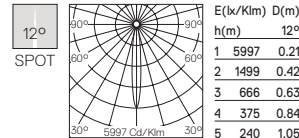


Empotrable para lámpara de halogenuro metálico. Balasto no incluido.

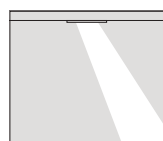
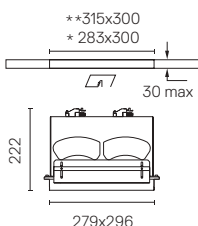
Metal halide lamp recessed downlight. Remote control gear not included.

04.6123.20
04.6123.08
04.6123.14

04.6123.20.NT
04.6123.08.NT
04.6123.14.NT

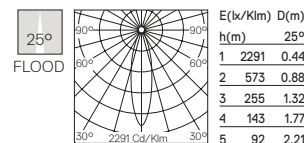


[BATTERY NO TRIM LARGE 4L SQUARE]



04.6115.20
04.6115.08
04.6115.14

04.6115.20.NT
04.6115.08.NT
04.6115.14.NT



[Marco de pre-instalación. Se ha de pedir por separado.]
Pre-installation frame must be ordered separately.

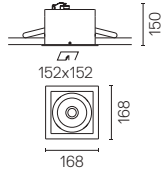
* Techo accesible: modular/abierto.
Accessible ceiling: modular/open.
** Techo no accesible.
Inaccessible ceiling.

BATTERY

BATTERY TRIM LARGE 1L



CDM-R111
GX8.5
MAX 70W

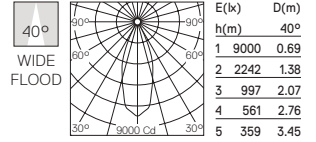
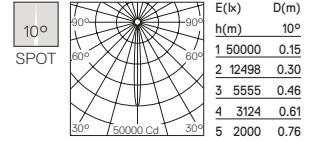


Empotrable para lámpara
de halogenuro metálico.
Balasto no incluido.

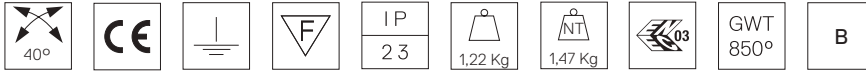
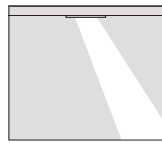
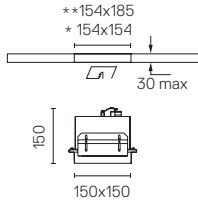
04.6191.20
04.6191.08
04.6191.14

Metal halide lamp
recessed downlight.
Remote control gear not
included.

04.6191.20.NT
04.6191.08.NT
04.6191.14.NT



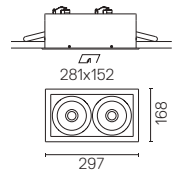
[BATTERY NO TRIM] LARGE 1L



BATTERY TRIM LARGE 2L



CDM-R111
GX8.5
MAX 2x70W

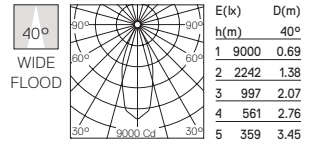
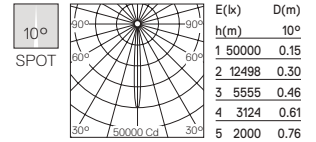


Empotrable para lámpara
de halogenuro metálico.
Balasto no incluido.

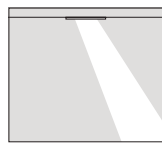
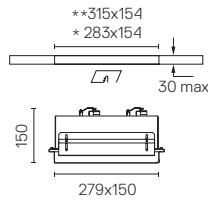
04.6192.20
04.6192.08
04.6192.14

Metal halide lamp
recessed downlight.
Remote control gear not
included.

04.6192.20.NT
04.6192.08.NT
04.6192.14.NT



[BATTERY NO TRIM] LARGE 2L



[Marco de pre-instalación. Se ha de pedir por separado.]
Pre-installation frame must be ordered separately.

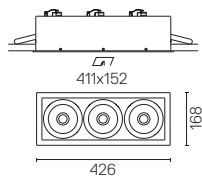
* Techo accesible: modular/abierto.
Accessible ceiling: modular/open.
**Techo no accesible.
Inaccessible ceiling.

BATTERY

BATTERY TRIM LARGE 3L



CDM-R111
GX8.5
MAX 3x70W

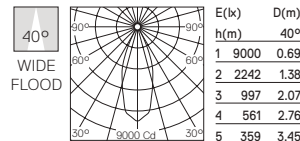
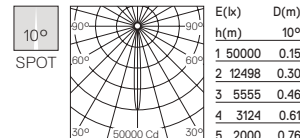


Empotrable para lámpara de halogenuro metálico. Balasto no incluido.

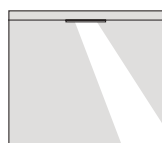
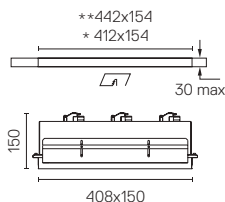
04.6193.20
04.6193.08
04.6193.14

Metal halide lamp recessed downlight. Remote control gear not included.

04.6193.20.NT
04.6193.08.NT
04.6193.14.NT



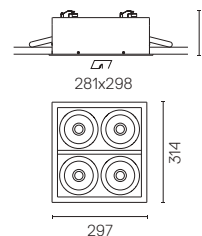
[BATTERY NO TRIM LARGE 3L]



BATTERY TRIM LARGE 4L SQUARE



CDM-R111
GX8.5
MAX 4x70W

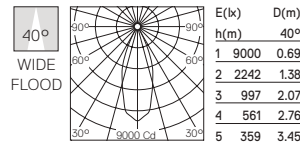
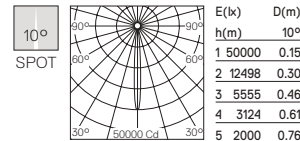


Empotrable para lámpara de halogenuro metálico. Balasto no incluido.

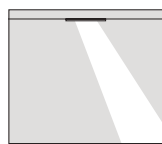
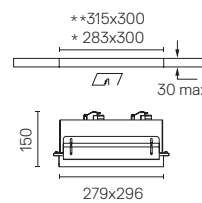
04.6194.20
04.6194.08
04.6194.14

Metal halide lamp recessed downlight. Remote control gear not included.

04.6194.20.NT
04.6194.08.NT
04.6194.14.NT



[BATTERY NO TRIM LARGE 4L SQUARE]



[Marco de pre-instalación. Se ha de pedir por separado.]
Pre-installation frame must be ordered separately.

* Techo accesible: modular/abierto.
Accessible ceiling: modular/open.
**Techo no accesible.
Inaccessible ceiling.

BATTERY

ACCESORIOS / ACCESSORIES

Accesorios

Con el fin de aumentar las prestaciones de la familia Battery se encuentran disponibles toda una gama de accesorios entre los que se encuentran; elementos de apantallamiento, filtros cromáticos y lentes de distribución elipsoidal.

Filtros

Filtros de cristal dicroico de 3 mm de espesor.

Accessories

A full range of accessories are available to increase the possibilities of the Battery, including screening elements, colour filters and elliptical distribution lenses.

Filters

Filters in 3 mm thick dichroic material.

Battery No Trim

Accesorios aplicables para las versiones LED Array.

Accessories for the versions LED Array.

Marco de pre-instalación de 1 luz pequeño.  08.8523.00 ●

Pre-installation frame small single light.

Marco de pre-instalación de 2 luces pequeño.  08.8524.00 ●

Pre-installation frame small 2 lights.

Marco de pre-instalación de 3 luces pequeño.  08.8525.00 ●

Pre-installation frame small 3 lights.

Marco de pre-instalación de 4 luces pequeño.  08.8526.00 ●

Pre-installation frame small 4 lights.

Accesorios aplicables para las versiones: QR-CBC 51 / QR-70.

Accessories for the versions: QR-CBC 51 / QR-70.

Marco de pre-instalación de 1 luz pequeño.  08.8080.00 ●

Pre-installation frame small single light.

Marco de pre-instalación de 2 luces pequeño.  08.8081.00 ●

Pre-installation frame small 2 lights.

Marco de pre-instalación de 3 luces pequeño.  08.8082.00 ●


Pre-installation frame small 3 lights.

Marco de pre-instalación de 4 luces pequeño.  08.8083.00 ●

Pre-installation frame small 4 lights.

Accesorios aplicables para las versiones: QR-111 / HIT-CRI / CDM-TC / CDM-R111.

Accessories for the versions: QR-111 / HIT-CRI / CDM-TC / CDM-R111.

Marco de pre-instalación de 1 luz grande.  08.8084.00 ●

Pre-installation frame large single light.

Marco de pre-instalación de 2 luces grande.  08.8085.00 ●

Pre-installation frame large 2 lights.

Marco de pre-instalación de 3 luces grande.  08.8086.00 ●

Pre-installation frame large 3 lights.

Marco de pre-instalación de 4 luces grande.  08.8087.00 ●

Pre-installation frame large 4 lights.


BATTERY

ACCESORIOS / ACCESSORIES

Battery Trim / No Trim: LED Array			Battery Trim / No Trim: QR-111 / HIT-CRI / CDM-TC / CDM-R111
<p>Elemento apantallador tipo "nido de abeja", realizado en aluminio y acabado en negro.</p> <p>"Honeycomb" anti-glare screen: in thin, black-painted aluminium sheets.</p>		08.8495.14	<p>Refractor de cristal templado con grueso de 4mm para la distribución elíptica del flujo luminoso.</p> <p>Elliptical light distribution lens in 4mm thick tempered glass.</p>
<p>FILTRO AZUL BLUE FILTER</p>		08.8503.64.OD	<p>Cilindro de apantallamiento realizado en aluminio y terminado interiormente en termoplástico negro.</p> <p>Screening cylinder for the adjustable models with black powder-coated finish.</p>
<p>FILTRO CELESTE SKY BLUE FILTER</p>		08.8503.65.OD	<p>Rejilla anti-deslumbramiento realizada con celdas de aluminio.</p> <p>Anti-glare grid made of aluminium cells.</p>
<p>FILTRO ÁMBAR AMBER FILTER</p>		08.8503.66.OD	<p>Lente Flood realizada en cristal prensado.</p> <p>Flood lens made in press glass.</p>
<p>FILTRO ROJO RED FILTER</p>		08.8503.67.OD	<p>FILTRO AZUL BLUE FILTER</p>
<p>HOT LIGHT HOT LIGHT</p>		08.8503.69	<p>FILTRO CELESTE SKY BLUE FILTER</p>
<p>COLD LIGHT OLD LIGHT</p>		08.8503.CL	<p>FILTRO ÁMBAR AMBER FILTER</p>
<p>DAYLIGHT DAYLIGHT</p>		08.8503.DL	<p>FILTRO ROJO RED FILTER</p>
<p>NEODIMIUM NEODIMIUM</p>		08.8503.ND	<p>FILTRO anti U.V. U.V. FILTER</p>
			<p>FILTRO anti I.R. I.R. FILTER</p>
			<p>HOT LIGHT HOT LIGHT</p>
			<p>COLD LIGHT OLD LIGHT</p>
			<p>DAYLIGHT DAYLIGHT</p>
			<p>NEODIMIUM NEODIMIUM</p>

LED PIPES

DESIGNED BY FLOS ARCHITECTURAL

<p>Versión Version</p>	<p>LED PIPES RECESSED 4L</p> 	
<p>Fuentes de Luz Light Sources</p>	 <p>POWER LED 10W 850 1m 3000K CRI 80</p>	

<p>Colores Colours</p>	<p><input type="checkbox"/> 30 Blanco 30 White</p> <p><input type="checkbox"/> 14 Negro 14 Black</p>  	
-----------------------------------	--	--

Colores del Pipe Pipe Colours



Colores del Cilindro Apantallador (incluidos) Screening Cylinder Colours (included)



Los diferentes acabados del cuerpo principal de la luminaria (blanco y negro) se combinan con diferentes decorados del cuerpo óptico (transparente, naranja y violeta).

The different colours of the luminaire main body (white and black) suit the different decorations of the optical body (transparent, orange and violet).

Descripción

Luminaria para empotrar a techo, sin marco. Se compone de un cuerpo de plástico que se empotra en una caja de instalación, en la que sobresalen cilindros decorativos disponibles en 3 decorados: transparente, naranja y violeta. Cada uno de estos cilindros incorpora un power LED de 3000K con una reproducción cromática CRI 80. Disponible en los acabados: blanco (30) y negro (14).

Fuentes de Luz

LED:
- Power LED, 10W.

Unidades de Alimentación

Fuentes de alimentación de 24V disponibles desde 20W hasta 100W de potencia.

Accesorios

Cilindro apantallador incorporado en el producto para poder cubrir el "pipe" por la parte externa y mejorar el confort visual.

Información Adicional

Índice de protección IP44.
Clase de aislamiento III.
Instalable sobre superficies normalmente inflamables.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Frameless light fixture for ceiling mounting formed by a plastic body embedded in a mounting box wherein decorative cylinders are visible, available in 3 colours: transparent, amber and violet. Each cylinder has a power LED of 3000K with a chromatic CRI 80 reproduction. Available finishes: white (30) and black (14).

Light Sources

LED:
- Power LED, 10W.

Power Supply

24V power supplies available with a power of between 20W and 100W.

Accessories

Screening cylinder incorporated into the product to cover the external part of the "pipe" and improve visual comfort.

Additional Information

IP44 protection grade.
Insulation class III.
Suitable for installation on normally inflammable surfaces.

Standard Compliance and Quality Marks

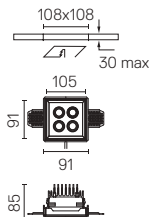
EN60598-1 European Technical Standards and any subsequent additions.

LED PIPES

LED PIPES RECESSED 4 L



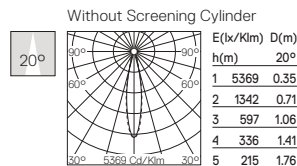
POWER LED
10W
24V
850 lm
3000K
CRI 80



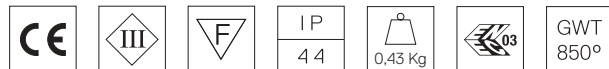
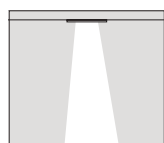
Luminaria empotrable para fuente de luz LED. Fuente de alimentación no incluida.

Embedded luminaire for LED light source. Power supply not included.

F	P	Code
White	White	09.3400.30A
White	Orange	09.3401.30A
White	Blue	09.3402.30A

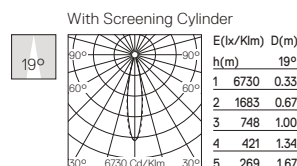
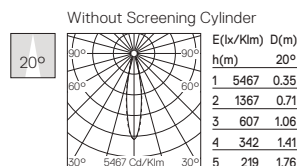
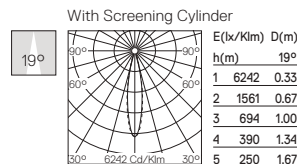


LED PIPES RECESSED 4 L WITH SCREENING CYLINDER



LED INCL. NOT REPLACEABLE

F	P	Code
White	White	09.3400.14A
White	Orange	09.3401.14A
White	Blue	09.3402.14A



180.0 ——— 0.0
270.0 90.0

Accesorios Accessories

Marco de instalación □105.

Installation frame □105.



08.8504.00

Equipos Drivers

Transformador electrónico de tensión constante (24V) para LED. 100/240V.

Electronic transformer with constant voltage (24V) for LED. 100/240V.



20W

60.8495

60W

60.8496

100W

60.8497

F = acabado marco / P = acabado Pipe.
F = frame finish / P = Pipe finish.

DECOFIX

DESIGNED BY FLOS ARCHITECTURAL

Versión
Version

DECOFIX
ROUND 1L

DECOFIX
ROUND 2L



DECOFIX
SQUARE 1L

DECOFIX
SQUARE 2L



Fuentes de Luz
Light Sources



LED ARRAY
10,5W
720 1m
2700K/CRI 90

10,5W
930 1m
3000K/CRI 80

Colores
Colours

□ 30 Blanco
30 White

■ 14 Negro
14 Black



Colores del Cilindro Apantallador (incluidos)
Screening Cylinder Colours (included)

■ Plata
Silver

■ Oro
Gold

■ Negro
Black



DECOFIX

Descripción

Luminarias empotrables fijas de 1 y 2 luces, para fuente de iluminación LED.

Ofrece un alto confort visual debido a la posición retrasada de la fuente de luz. Disponibles en versiones cuadradas y redondas en acabado blanco y negro mate.

Se componen de un cuerpo realizado en aluminio y muelles de sujeción a techo. Disponen de un radiador para cada LED realizado en aluminio inyectado.

Disponible en los acabados: blanco (30) y negro (14).

Reflectores

Realizados en plástico metalizado.

Fuentes de Luz

LED:

- LED Array, 10,5W.

Unidades de Alimentación

Fuente de alimentación de corriente constante no incluida.

Accesorios

Todas la versiones disponen de cilindro apantallador en 3 colores: negro, oro o plata intercambiables entre sí, incluidos dentro de la luminaria.

Incorpora además, un difusor realizado en plástico que mejora la uniformidad de la luz y mejora el confort visual, incluido en la luminaria.

Información Adicional

Índice de protección IP20.

Clase de aislamiento III.

Instalable sobre superficies normalmente inflamables.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Fixed embedded light fixtures with 1 and 2 lights, for LED light source.

Great visual comfort due to rear position of light source. Available in square and round versions in a matt white and black finish.

They are made up of a body made in aluminium and fixing springs to the ceiling. They have a radiator for each LED made out of injected aluminium.

Available finishes: white (30) and black (14).

Reflectors

Made of metallized plastic.

Light Sources

LED:

- LED Array, 10,5W.

Power Supply

Constant current power supply not included.

Accessories

All versions have interchangeable screening cylinders in 3 colours: black, gold or silver, incorporated into the light fixture.

With a plastic diffuser to enhance light uniformity and improve visual comfort, incorporated into the light fixture.

Additional Information

IP20 protection grade.

Insulation class III.

Suitable for installation on normally inflammable surfaces.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

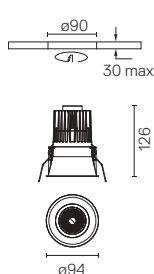
DECOFIX

DECOFIX ROUND 1L



LED ARRAY
DC 500 mA
10,5W
720 lm
2700K/CRI 90

10,5W
930 lm
3000K/CRI 80

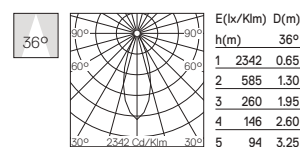


Luminaria empotrable para fuente de luz LED. Fuente de alimentación no incluida.

Embedded luminaire for LED light source. Power supply not included.

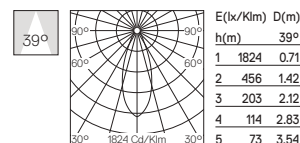
2700K
 09.3111.30

3000K
 09.3110.30



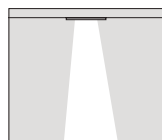
2700K
 09.3111.14

3000K
 09.3110.14



Equipos recomendados:
Recommended power supply:

Non Dimmable 60.8650
Dimmable 1-10V 60.8533
Dimmable Dali 60.8530
Mains Dimming 60.8534



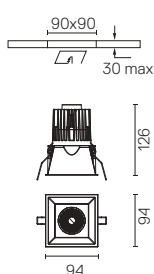
LED INCL.
NOT REPLACEABLE

DECOFIX SQUARE 1L



LED ARRAY
DC 500 mA
10,5W
720 lm
2700K/CRI 90

10,5W
930 lm
3000K/CRI 80

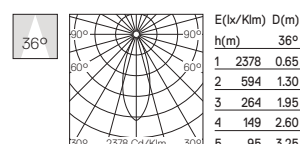


Luminaria empotrable para fuente de luz LED. Fuente de alimentación no incluida.

Embedded luminaire for LED light source. Power supply not included.

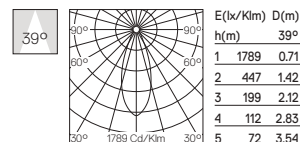
2700K
 09.3101.30

3000K
 09.3100.30



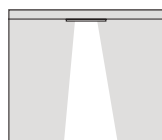
2700K
 09.3101.14

3000K
 09.3100.14



Equipos recomendados:
Recommended power supply:

Non Dimmable 60.8650
Dimmable 1-10V 60.8533
Dimmable Dali 60.8530
Mains Dimming 60.8534



LED INCL.
NOT REPLACEABLE

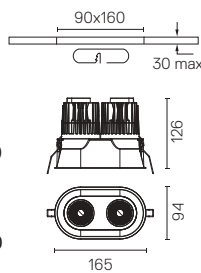
DECOFIX

DECOFIX ROUND 2L



LED ARRAY
DC 500 mA
2x10,5W
2x720 lm
2700K/CRI 90

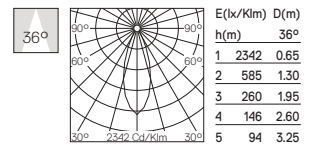
2x10,5W
2x930 lm
3000K/CRI 80



Luminaria empotrable de 2 luces para fuente de luz LED. Fuente de alimentación no incluida. Es necesaria una fuente de alimentación por cada cuerpo óptico.

2700K
 09.3116.30

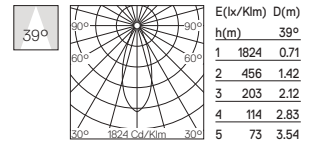
3000K
 09.3115.30



Embedded luminaire with 2 lights for LED light source. Power supply not included. Requires one power supply for each optic body.

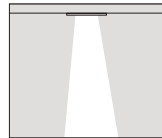
2700K
 09.3116.14

3000K
 09.3115.14



Equipos recomendados:
Recommended power supply:

Non Dimmable 60.8650
Dimmable 1-10V 60.8533
Dimmable Dali 60.8530
Mains Dimming 60.8534



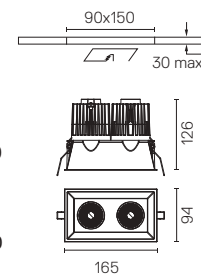
LED INCL.
NOT REPLACEABLE

DECOFIX SQUARE 2L



LED ARRAY
DC 500 mA
2x10,5W
2x720 lm
2700K/CRI 90

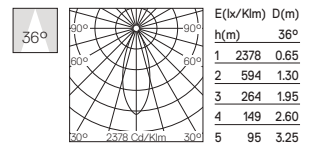
2x10,5W
2x930 lm
3000K/CRI 80



Luminaria empotrable de 2 luces para fuente de luz LED. Fuente de alimentación no incluida. Es necesaria una fuente de alimentación por cada cuerpo óptico.

2700K
 09.3106.30

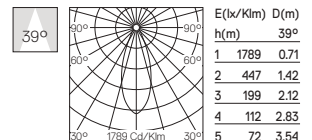
3000K
 09.3105.30



Embedded luminaire with 2 lights for LED light source. Power supply not included. Requires one power supply for each optic body included.

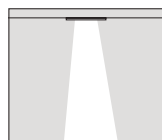
2700K
 09.3106.14

3000K
 09.3105.14



Equipos recomendados:
Recommended power supply:

















Non Dimmable 60.8650
Dimmable 1-10V 60.8533
Dimmable Dali 60.8530
Mains Dimming 60.8534



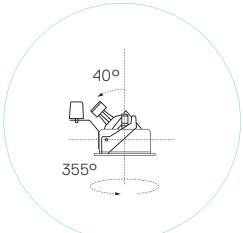
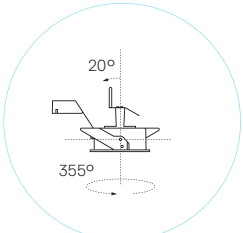
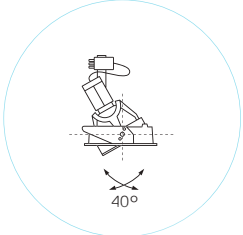
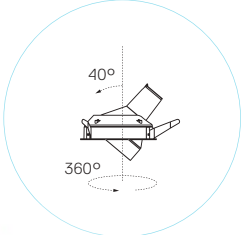
LED INCL.
NOT REPLACEABLE

COMPASS

DESIGNED BY FLOS ARCHITECTURAL

Versión Version	COMPASS Ø 90	COMPASS Ø 110	COMPASS Ø 135	COMPASS Ø 162	COMPASS Ø 180	
						
Fuentes de Luz Light Sources	<p>  PAR 16 GZ10 MAX 50W </p> <p>  QT-12 GY6.35 MAX 50W </p> <p>  QR-CBC 51 GX5.3 MAX 50W - OR - LED QR-CBC 51 7/10W </p>	<p>  QT-12 GY6.35 MAX 50W </p> <p>  QR-CBC 51 GX5.3 MAX 50W - OR - LED QR-CBC 51 7/10W </p>	<p>  QT-12 GY6.35 MAX 100W </p> <p>  CDM-TC G8.5 MAX 70W </p>	<p>  QT-12 GY6.35 MAX 100W </p> <p>  CDM-TC G8.5 MAX 70W </p>	<p>  QR-111 G53 MAX 100W - OR - LED QR-111 </p> <p>  HIT-CRI G12 MAX 150W </p>	

Colores Colours	<input type="checkbox"/> 30 Blanco Mate/RAL 9001 30 Matt White	<input type="checkbox"/> 02 Gris/RAL 9006 02 Grey	<input type="checkbox"/> 14 Negro Mate/RAL 9005 14 Matt Black
			

Rotación Rotation Features	Ø90	Ø110	Ø162	Ø180	Sistema de bloqueo. Lock system.
					

Descripción

Fija: Luminaria para lámparas halógenas o de descarga de alta presión. Cuerpo para empotrar de metal barnizado de color negro. Anillo de cierre en aleación de aluminio inyectado a presión y pintado con barniz en polvo. Portalámparas con elemento disipador en aluminio inyectado a presión. Anillo antirreflejos de material termoplástico negro. Cristal de protección templado de 4 mm de espesor. Sistema de fijación mediante soportes de acero inoxidable.

Orientable: Luminaria para lámparas halógenas o de descarga de alta presión. Cuerpo óptico realizado por inyección de aluminio, acabado pintado con barniz en polvo. Portalámparas con elemento disipador en aluminio inyectado a presión pintado con barniz en polvo de color negro. Aro para empotrar y aro de protección de material termoplástico; aro antirreflejos de aluminio inyectado a presión pintado con barniz en polvo de color negro. Cristal de protección templado de 4 mm de espesor. Sistema de fijación mediante soportes de acero inoxidable.

Disponible en los acabados: blanco mate (30), gris (02) y negro mate (14).

Reflectores

Las luminarias con reflector incorporan un aro de protección de color negro.

Fija: Reflector de aluminio anodizado color plata con acabado interior brillante tratado con chorro de arena. Ópticas de haz ancho (incluida pantalla realizada de vidrio inyectado, tratado con chorro de arena y sucesivamente templado). Las versiones con parabola auxiliar garantizan un ángulo de protección superior a 25°.

Orientable: Reflector de aluminio anodizado de color plateado por el exterior y con revestimiento de aluminio superpuro en el interior.

Fuentes de Luz

Halógenas:

- PAR 16, max 50W.
- QT-12, max 100W.
- QR-CBC 51, max 50W. (Es posible hacer un retrofit con lámparas LED convencionales).
- QR-111, max 100W. (Es posible hacer un retrofit con lámparas LED convencionales).

* Retrofit recomendado solo con lámparas de FLOS.

De descarga:

- CDM-TC, max 70W.
- HIT-CRI, max 150W.

Unidades de Alimentación

Precableado incluido, listo para ser alimentado mediante dispositivos a distancia.

Conexión rápida, tipo "Wieland", con la unidad de alimentación para lámparas de descarga.

Halógenas:

- transformador electrónico 20/105W, 220/240V, 50/60Hz con regulación de intensidad mediante dispositivo "trailing edge".

De descarga:

- unidad de alimentación convencional de bajas pérdidas 35W/70W/150W, 220/240V, 50/60Hz.
- unidad de alimentación electrónica de última generación 35W/70W/150W, 220/240V, 50/60Hz.

Accesorios

- cilindros de protección de Teflón negro fijados sobre soporte de acero inoxidable.
- cilindro de protección con clavija giratoria de material termoplástico negro.
- lente de distribución elíptica de cristal templado de 4 mm.
- filtros cromáticos.

Información Adicional

Sistema de orientación tipo compás que permite la orientación hasta 40° en todas las direcciones.

Índice de protección IP23, IP43, IP44, IP65, según las versiones. Clase de aislamiento I, II, III, según las versiones.

Instalables sobre superficies normalmente inflamables.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Fixed: Luminaire for halogen and high-pressure discharge lamps. Recessed body in black-painted metal. Die-cast aluminum alloy, powder-coated closing ring. Die-cast aluminum lamp support with heat dissipating element. Black thermoplastic anti-glare ring, 4 mm tempered glass cover. Stainless steel fixing brackets.

Adjustable: Luminaire for halogen and high-pressure discharge lamps. Injection-moulded aluminum reflector body with powder-coated finish. Lamp support with die-cast aluminum, black powder-coated heat dissipating element. Thermoplastic recessed ring and screening ring; die-cast aluminum, black powder-coated anti-glare ring. 4 mm tempered glass cover. Stainless steel fixing brackets.

Available finishes: matt white (30), grey (02) and matt black (14).

Reflectors

Luminaires with reflectors have a black screening ring.

Fixed: Anodised-aluminum, silver reflector with brilliant finish inside. Wide beam optics (complete with moulded, sanded and tempered glass screen). The versions with a secondary parabolic reflector offer a +25° screening angle for lamp visibility.

Adjustable: Anodised super pure aluminum, silver reflector.

Light Sources

Halogen:

- PAR 16, max 50W.
- QT-12, max 100W.
- QR-CBC 51, max 50W. (Retrofit possible with conventional LED lamps).
- QR-111, max 100W. (Retrofit possible with conventional LED lamps).

* Retrofit recommended only with FLOS lamps.

Discharge:

- CDM-TC, max 70W.
- HIT-CRI, max 150W.

Power Supply

Pre-wiring included; ready for remote power supply.

Wieland connectors used for discharge control gear providing quick installation time.

Halogen:

- 20/105W, 220/240V, 50/60Hz electronic transformer suitable for dimming when used with trailing edge dimmers.

Discharge:

- traditional low-loss power supply 35W/70W/150W, 220/240V, 50/60Hz.
- next-generation electronic power supply 35W/70W/150W, 220/240V, 50/60Hz.

Accessories

- black Teflon screening cylinders on stainless steel support.
- screening cylinder with black thermoplastic rotating pin.
- 4 mm tempered glass elliptical distribution lens.
- chromatic filters.

Additional Information

Compass-type adjustment system, for 0° - 40° adjustment in all directions.

IP23, IP43, IP44, IP65 protection grade depending on the versions. Insulation class I, II, III depending on the versions.

Suitable for installation on normally inflammable surfaces.

Standard Compliance and Quality Marks

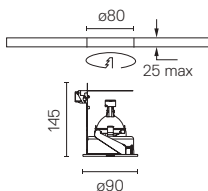
EN60598-1 European Technical Standards and any subsequent additions.

COMPASS

COMPASS ADJUSTABLE Ø90



PAR 16
GZ10
MAX 50W



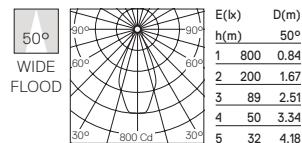
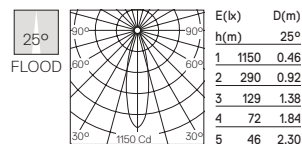
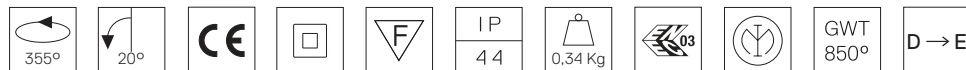
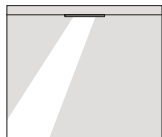
Empotrable con
alimentación directa a red.

03.3506.30
03.3506.02
03.3506.14

Recessed downlight with
main voltage source.

Aparato de iluminación con un ángulo de
apantallamiento superior a 25°, según
norma CIBSE LG3 ($L < 200 \text{ cd/m}^2$).

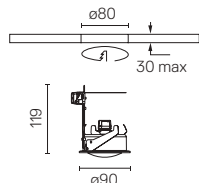
Light fixture with screen angle greater
than 25°, as per CIBSE LG3 ($L < 200 \text{ cd/m}^2$).



COMPASS OPAL C Ø90



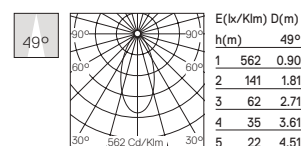
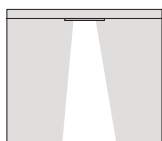
QT-12
GY6.35
MAX 50W



Empotrable para lámpara
halógena de 12V.
Transformador remoto no
incluido.

03.3539.30
03.3539.02
03.3539.14

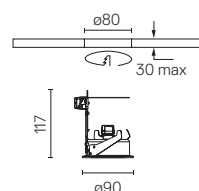
12V halogen lamp
recessed downlight.
Remote transformer not
included.



COMPASS OPAL P Ø90



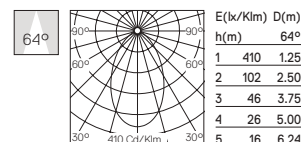
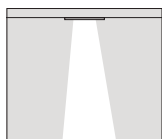
QT-12
GY6.35
MAX 50W



Empotrable para lámpara
halógena de 12V.
Transformador remoto no
incluido.

03.3538.30
03.3538.02
03.3538.14

12V halogen lamp
recessed downlight.
Remote transformer not
included.



COMPASS

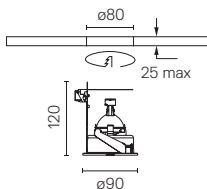
COMPASS ADJUSTABLE Ø90




QR-CBC 51
 GX5.3
 MAX 50W

- OR -

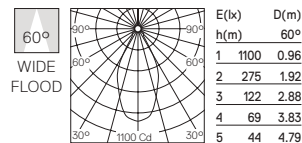
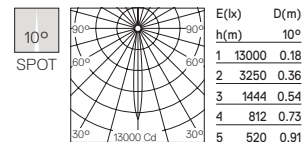

LED
QR-CBC 51
 GX5.3
 7W



Empotrable para lámpara
 halógena de 12V.
 Transformador remoto no
 incluido.

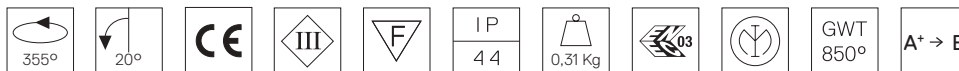
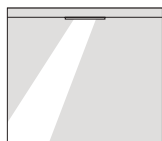
03.3505.30
 03.3505.02
 03.3505.14

12V halogen lamp
 recessed downlight.
 Remote transformer not
 included.



Aparato de iluminación con un ángulo de apantallamiento superior a 25°, según norma CIBSE LG3 (L<200 cd/m²).

Light fixture with screen angle greater than 25°, as per CIBSE LG3 (L<200 cd/m²).



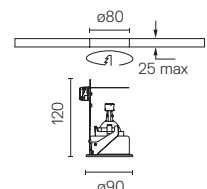
COMPASS FIXED Ø90




QR-CBC 51
 GX5.3
 MAX 50W

- OR -

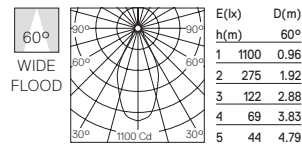
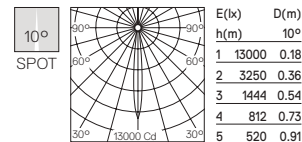

LED
QR-CBC 51
 GX5.3
 7/10W



Empotrable para lámpara
 halógena de 12V.
 Transformador remoto no
 incluido.

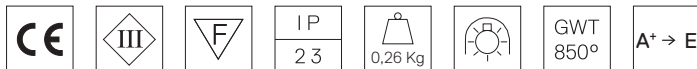
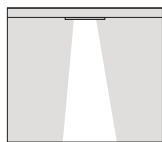
03.3507.30
 03.3507.02
 03.3507.14

12V halogen lamp
 recessed downlight.
 Remote transformer not
 included.



Aparato de iluminación con un ángulo de apantallamiento superior a 25°, según norma CIBSE LG3 (L<200 cd/m²).

Light fixture with screen angle greater than 25°, as per CIBSE LG3 (L<200 cd/m²).



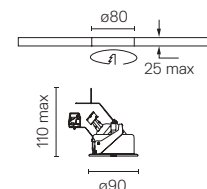
COMPASS ADJUSTABLE Ø90




QR-CBC 51
 GX5.3
 MAX 50W

- OR -

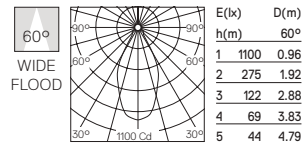
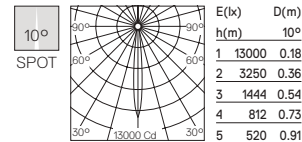

LED
QR-CBC 51
 GX5.3
 7/10W



Empotrable para lámpara
 halógena de 12V.
 Transformador remoto no
 incluido.

03.3508.30
 03.3508.02
 03.3508.14

12V halogen lamp
 recessed downlight.
 Remote transformer not
 included.



COMPASS

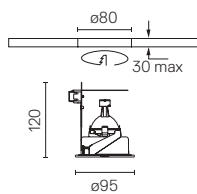
COMPASS IP65 Ø95




QR-CBC 51
 GX5.3
 MAX 50W

- OR -

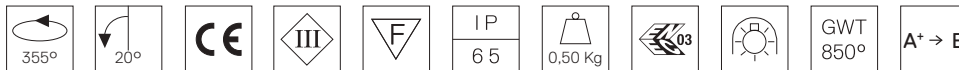
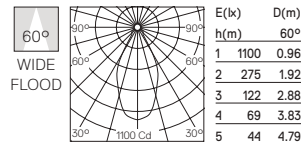
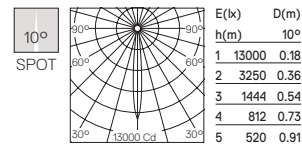
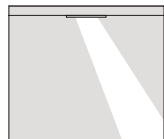

LED
QR-CBC 51
 GX5.3
 7W



Empotrable para lámpara
 halógena de 12V.
 Transformador remoto no
 incluido.

03.3502.30
 03.3502.02
 03.3502.14

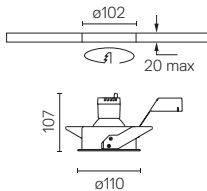
12V halogen lamp
 recessed downlight.
 Remote transformer not
 included.



COMPASS FIXED Ø110



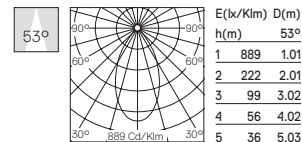
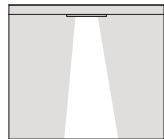

QT-12
 GY6.35
 MAX 50W



Empotrable para lámpara
 halógena de 12V.
 Transformador remoto no
 incluido.

03.3501.30
 03.3501.02
 03.3501.14

12V halogen lamp
 recessed downlight.
 Remote transformer not
 included.



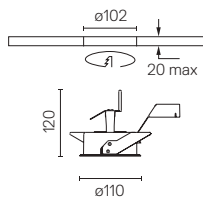
COMPASS ADJUSTABLE Ø110




QR-CBC 51
 GX5.3
 MAX 50W

- OR -

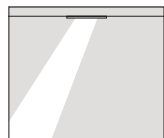

LED
QR-CBC 51
 GX5.3
 7/10W



Empotrable para lámpara
 halógena de 12V.
 Transformador remoto no
 incluido.

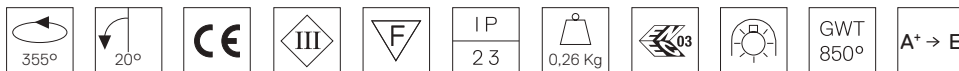
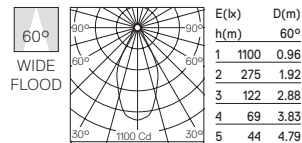
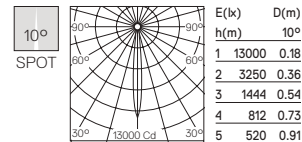
03.3500.30
 03.3500.02
 03.3500.14

12V halogen lamp
 recessed downlight.
 Remote transformer not
 included.



Aparato de iluminación con un ángulo de apantallamiento superior a 25°, según norma CIBSE LG3 (L<200 cd/m²).

Light fixture with screen angle greater than 25°, as per CIBSE LG3 (L<200 cd/m²).

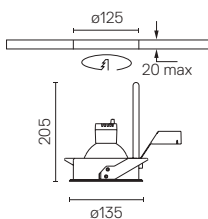


COMPASS

COMPASS FIXED Ø135



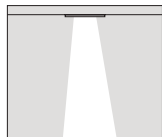
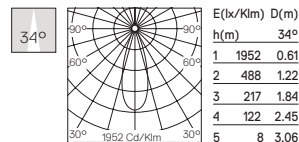
QT-12
GY6.35
MAX 100W



Empotrable para lámpara halógena de 12V.
Transformador remoto no incluido.

03.3510.30
03.3510.02
03.3510.14

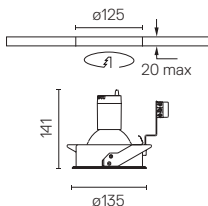
12V halogen lamp recessed downlight.
Remote transformer not included.



COMPASS FIXED Ø135



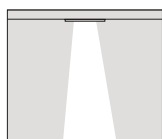
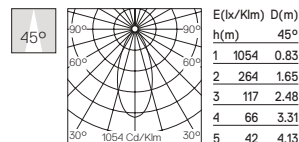
CDM-TC
G8.5
MAX 70W



Empotrable para lámpara de halogenuro metálico.
Balasto no incluido.

03.3512.30
03.3512.02
03.3512.14

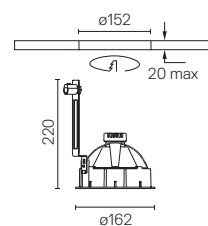
Metal halide lamp recessed downlight.
Remote control gear not included.



COMPASS ADJUSTABLE Ø162



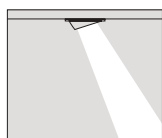
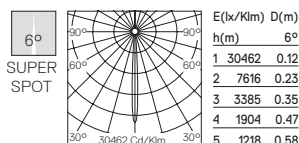
QT-12
GY6.35
MAX 100W



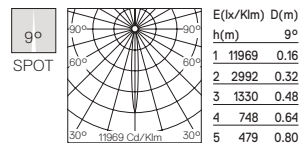
Empotrable para lámpara halógena de 12V.
Transformador remoto no incluido.

03.3534.30
03.3534.02
03.3534.14

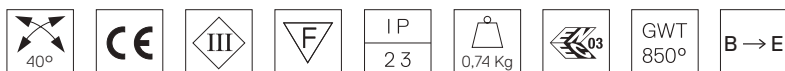
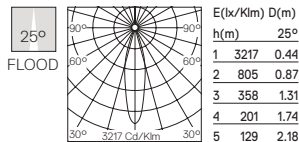
12V halogen lamp recessed downlight.
Remote transformer not included.



03.3521.30
03.3521.02
03.3521.14



03.3522.30
03.3522.02
03.3522.14



COMPASS

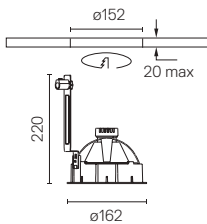
COMPASS ADJUSTABLE Ø162



QR-111
G53
MAX 100W

- OR -

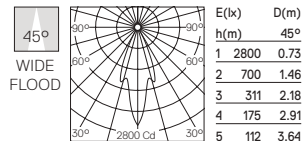
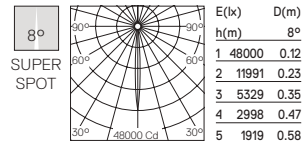
LED QR-111



Empotrable para lámpara halógena de 12V.
Transformador remoto no incluido.

12V halogen lamp recessed downlight.
Remote transformer not included.

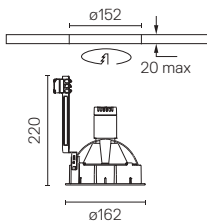
03.3520.30
03.3520.02
03.3520.14



COMPASS ADJUSTABLE Ø162



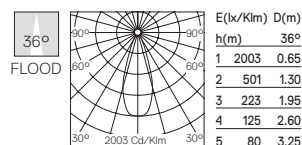
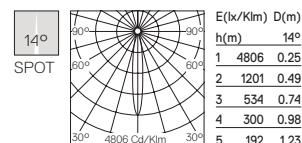
CDM-TC
G8.5
MAX 70W



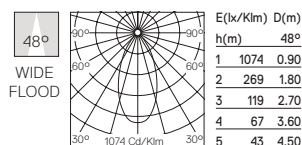
Empotrable para lámpara de halogenuro metálico.
Balasto no incluido.

Metal halide lamp recessed downlight.
Remote control gear not included.

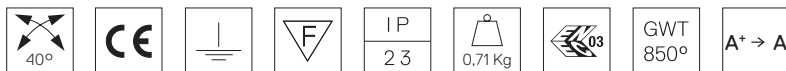
03.3527.30
03.3527.02
03.3527.14



03.3528.30
03.3528.02
03.3528.14



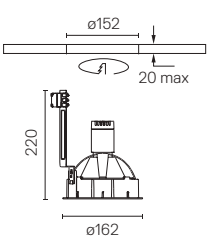
03.3529.30
03.3529.02
03.3529.14



COMPASS ADJUSTABLE Ø162



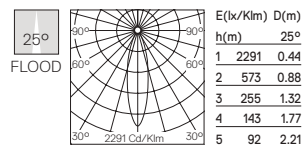
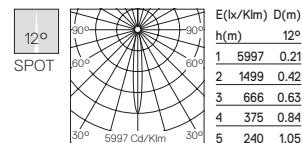
HIT-CRI
G12
MAX 150W



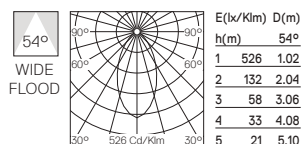
Empotrable para lámpara de halogenuro metálico.
Balasto no incluido.

Metal halide lamp recessed downlight.
Remote control gear not included.

03.3524.30
03.3524.02
03.3524.14



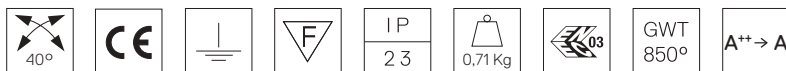
03.3525.30
03.3525.02
03.3525.14



03.3526.30
03.3526.02
03.3526.14

La lámpara HCI-T 150W de Osram (diámetro de bulbo: 24mm) no puede ser utilizada con nuestros reflectores. Utilizar solo lámparas HIT-CRI estándares (diámetro de bulbo: 19mm).

Osram HCI-T 150W lamp (bulb: ø24mm) does not fit into our reflectors. Please use standard HIT-CRI lamps (bulb: ø19mm).

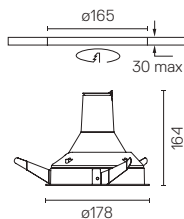


COMPASS

COMPASS ADJUSTABLE Ø180



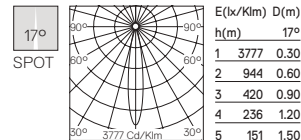
HIT-CRI
G12
MAX 70W



Empotrable para lámpara de halogenuro metálico.
Balasto no incluido.

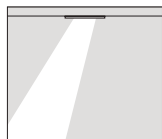
03.6131.30
03.6131.02
03.6131.14

Metal halide lamp recessed downlight.
Remote control gear not included.

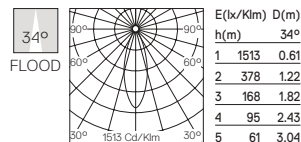


Aparato de iluminación con sistema de bloqueo de rotación y basculación.

Lighting fixture with rotation and tilting lock system.



03.6130.30
03.6130.02
03.6130.14



COMPASS

ACCESORIOS / ACCESSORIES

Accesorios

Las prestaciones en las aplicaciones de las luminarias empotradas Compass aumentan con la posibilidad de disponer de una extensa gama de accesorios; elementos de apantallamiento, filtros cromáticos y lentes de distribución elipsoidal.

Los filtros y lentes se pueden cambiar por el cristal de protección modificando de esta forma las características del flujo luminoso. Las lentes escultura o de distribución elipsoidal modifican el cono de luz transformándolo en una elipse simétrica respecto al eje. En el caso de las luminarias orientables permiten conseguir una iluminación extremadamente amplia simplemente girando la lente 90°.

Filtros

Filtros de cristal dicroico de 3mm de espesor.

Accessories

Applications for Compass recessed luminaires are increased with the wide range of accessories available; shielding elements, chromatic filters and ellipsoidal distribution lenses.

The filters and lenses can be interchanged and provide additional light distribution options. The sculpted or ellipsoidal distribution modifies the cone of light, transforming it into a symmetrical ellipse with respect to the axis. In the case of adjustable luminaires, an extremely wide illumination is possible by simple turning the lens by 90°.

Filters

Filters in 3mm thick dichroic material.

Ref: 3501

Cilindro de apantallamiento en acero inoxidable.



08.8015.53

Cut-off stainless steel cylinder.

Ref: 3510

Cilindro de apantallamiento en acero inoxidable.



08.8016.53

Cut-off stainless steel cylinder.

Ref: 3512

Cilindro de apantallamiento en acero inoxidable.



08.8017.53

Cut-off stainless steel cylinder.

Compas Ø90/Ø95/Ø110

Refs: 3500 / 3502 / 3505 / 3506 / 3507 / 3508

Aro soporte de acero, necesario para instalar filtros y lentes. Añadir siempre aro soporte. Solo para la referencia 3500.



08.8040.00

Stainless steel support. Necessary for mounting filters and lens. Always add supporting ring. Only for reference 3500.

Refractor de cristal templado con grueso de 4mm para la distribución elíptica del flujo luminoso.



08.8041.68

Elliptical light distribution lens in 4 mm thick tempered glass.

FILTRO AZUL
BLUE FILTER



08.8042.64.OD

FILTRO CELESTE
SKY BLUE FILTER



08.8042.65.OD

FILTRO ÁMBAR
AMBER FILTER



08.8042.66.OD

FILTRO ROJO
RED FILTER



08.8042.67.OD

FILTRO anti U.V.
U.V. FILTER



08.8042.98.OD

FILTRO anti I.R.
I.R. FILTER



08.8042.68

HOT LIGHT
HOT LIGHT



08.8042.69

COLD LIGHT
COLD LIGHT



08.8042.CL

DAYLIGHT
DAYLIGHT



08.8042.DL




























NEODIMIUM
NEODIMIUM



08.8042.ND













COMPASS

ACCESORIOS / ACCESSORIES

Compas Ø162: QT-12 / CDM-TC / HIT-CRI			Compas Ø162: QR-111		
<p>Cilindro de apantallamiento con cruceta rotacional realizado en termoplástico negro.</p> <p>Black thermoplastic screening cylinder with rotating pin.</p>		08.8033.14	<p>Cilindro de apantallamiento con cruceta rotacional realizado en termoplástico negro.</p> <p>Black thermoplastic screening cylinder with rotating pin.</p>		08.8034.14
<p>Refractor de cristal templado con grueso de 4mm para la distribución elíptica del flujo luminoso.</p> <p>Elliptical light distribution lens in 4mm thick tempered glass.</p>		08.8020.68	<p>Refractor de cristal templado con grueso de 4mm para la distribución elíptica del flujo luminoso.</p> <p>Elliptical light distribution lens in 4mm thick tempered glass.</p>		08.8930.68
<p>Rejilla antideslumbramiento. Celdas de aluminio terminadas en pintura negra. No usar con 150W.</p> <p>Anti-glare grid in aluminium cells with black liquid paint finish. Don't use with 150W.</p>		08.8035.14	<p>Rejilla antideslumbramiento. Celdas de aluminio terminadas en pintura negra.</p> <p>Anti-glare grid in aluminium cells with black liquid paint finish.</p>		08.8036.14
<p>Lente Flood realizada en cristal prensado.</p> <p>Flood lens made in press glass.</p>		08.8178.68	<p>Lente Flood realizada en cristal prensado.</p> <p>Flood lens made in press glass.</p>		08.8931.68
<p>FILTRO AZUL BLUE FILTER</p>		08.8019.64.OD	<p>FILTRO AZUL BLUE FILTER</p>		08.8932.64.OD
<p>FILTRO CELESTE SKY BLUE FILTER</p>		08.8019.65.OD	<p>FILTRO CELESTE SKY BLUE FILTER</p>		08.8932.65.OD
<p>FILTRO ÁMBAR AMBER FILTER</p>		08.8019.66.OD	<p>FILTRO ÁMBAR AMBER FILTER</p>		08.8932.66.OD
<p>FILTRO ROJO RED FILTER</p>		08.8019.67.OD	<p>FILTRO ROJO RED FILTER</p>		08.8932.67.OD
<p>FILTRO anti U.V. U.V. FILTER</p>		08.8019.98.OD	<p>FILTRO anti U.V. U.V. FILTER</p>		08.8932.98.OD
<p>FILTRO anti I.R. I.R. FILTER</p>		08.8023.68	<p>FILTRO anti I.R. I.R. FILTER</p>		08.8933.68
<p>HOT LIGHT HOT LIGHT</p>		08.8019.69	<p>HOT LIGHT HOT LIGHT</p>		08.8932.69
<p>COLD LIGHT COLD LIGHT</p>		08.8019.CL	<p>COLD LIGHT COLD LIGHT</p>		08.8932.CL
<p>DAYLIGHT DAYLIGHT</p>		08.8019.DL	<p>DAYLIGHT DAYLIGHT</p>		08.8932.DL
<p>NEODIMIUM NEODIMIUM</p>		08.8019.ND	<p>NEODIMIUM NEODIMIUM</p>		08.8932.ND

PURE DOWNLIGHT

DESIGNED BY KNUD HOLSCHER


Versión Version	PURE 1 DOWNLIGHT TRIM / NO TRIM	PURE 2 DOWNLIGHT TRIM / NO TRIM	PURE 3 DOWNLIGHT TRIM / NO TRIM
			
Fuentes de Luz Light Sources	 <p>PHOSPHOR LED 13,6W 1490 lm 3000K/CRI 80</p> <p>11,9W 1057 lm 3000K/CRI 98</p>  <p>QT-12 GY6.35 MAX 50W</p>  <p>QR-70 BA15d MAX 50W</p>  <p>HI PAR 51 GX10 MAX 35W</p>	 <p>POWER LED 15,7W 1400 lm 2700K/CRI 80 3000K/CRI 80</p>  <p>QR-CBC 51 GX5.3 MAX 50W - OR - LED QR-CBC 51 7/10W</p>  <p>CDM-TM PGJ5 MAX 35W</p>	 <p>QR-111 G53 MAX 100W - OR - LED QR-111</p>  <p>HIT-CRI G12 MAX 150W</p>  <p>CDM-R111 GX8.5 MAX 70W</p>

Colores Colours

Pure Downlight Trim

 30 Blanco/RAL 9001
30 White

 02 Gris/RAL 9006
02 Grey

 14 Negro/RAL 9005
14 Black

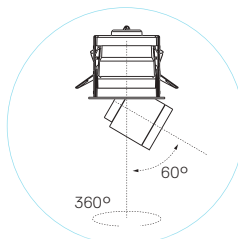


Pure Downlight No Trim



Rotación Rotation Features

Puede ser rotado 360° y orientado 60°.
Can be rotated 360° and swivelled 60°.



PURE DOWNLIGHT

Descripción

Luminaria empotrable de interior.

Para lámparas LED, halógenas de baja tensión, directas a red y de descarga. Portalámparas cerámico o de tecnopolímero autoextinguible, con cables eléctricos unipolares aislados Teflón con doble aislamiento transparente. Cuerpo para la lámpara constituido por un elemento disipador realizado en aluminio, colocado sobre el portalámparas, por un anillo que sostiene los reflectores realizado de material termoplástico de color negro y por un vidrio templado de 4 mm de espesor. Cuerpo, tapa de cierre y soporte orientable de la lámpara son de aleación de aluminio inyectado a presión, con acabados en pintura polvo de color blanco, gris o negro. Disponible en los acabados: blanco (30), gris (02) y negro (14).

Reflectores

Todas las ópticas están realizadas en aluminio superpuro con acabado especular. Circular simétrico giratorio. Desde super spot 6° hasta wide flood 57°.

Fuentes de Luz

LED:

- Phosphor LED, 11,9/13,6W.
- Power LED, 15,7W.

Halógenas:

- QT-12, max 100W.
- QR-CBC 51, max 50W. (Es posible hacer un retrofit con lámparas LED convencionales).
- QR-70, max 50W.
- QR-111, max 100W. (Es posible hacer un retrofit con lámparas LED convencionales).

* Retrofit recomendado solo con lámparas de FLOS.

De Descarga:

- CDM-TM, max 35W.
- CDM-TC, max 70W.
- HIT-CRI, max 150W.
- HI PAR 51, max 35W.
- CDM-R111, max 70W.

Unidades de Alimentación

Precableado incluido, listo para ser alimentado mediante dispositivos a distancia. Conexión rápida, tipo "Wieland", con la unidad de alimentación para lámparas de descarga.

Accesorios

- lente de distribución elíptica de vidrio templado de 4 mm.
- rejilla anti-deslumbramiento realizada en celdas de aluminio.
- filtros cromáticos.

Información Adicional

Posibilidad de rotación de 360° en el eje horizontal y 60° en el eje vertical. Índice de protección IP20. Clase de aislamiento I, II o III, según las versiones. Instalable sobre superficies normalmente inflamables.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Recessed luminary for indoor application.

For LED lamps, low voltage halogen lamps, direct mains power and discharge lamps. Self-extinguishing ceramic or engineering plastic lamp holders, with single-pole, transparent electric wires with double Teflon insulation. Aluminum body, placed above the lamp holder, black thermoplastic and 4 mm tempered glass screen-support ring. Die-cast aluminum alloy body, cover and adjustable lamp support, powder-coated white, grey or black. Available finishes: white (30), grey (02) and black (14).

Reflectors

All super pure aluminum with specular finish. Circular rotosymmetrical from 6° super spot to 57° wide flood.

Light Sources

LED:

- Phosphor LED, 11,9/13,6W.
- Power LED, 15,7W.

Halogen:

- QT-12, max 100W.
- QR-CBC 51, max 50W. (Retrofit possible with conventional LED lamps).
- QR-70, max 50W.
- QR-111, max 100W. (Retrofit possible with conventional LED lamps).

* Retrofit recommended only with FLOS lamps.

Discharge:

- CDM-TM, max 35W.
- CDM-TC, max 70W.
- HIT-CRI, max 150W.
- HI PAR 51, max 35W.
- CDM-R111, max 70W.

Power Supply

Pre-wiring included; ready for remote power supply. Wieland connectors used for discharge control gear providing quick installation time.

Accessories

- 4 mm tempered glass elliptical distribution lens.
- anti-glare grid in aluminium cells with black liquid paint finish.
- chromatic filters.

Additional Information

0° - 360° horizontal rotation, 0° - 60° vertical rotation. IP20 protection grade. Insulation class I, II, III depending on the versions. Suitable for installation on normally inflammable surfaces.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

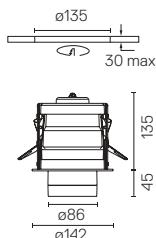
PURE DOWNLIGHT

PURE 1 DOWNLIGHT TRIM



PHOSPHOR LED
 13,6W
 1490 lm
 3000K/CRI 80

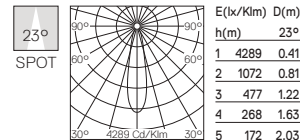
11,9W
 1057 lm
 3000K/CRI 98



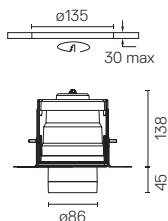
Empotrable para LED.
 Módulo Phosphor LED integrado. Transformador electrónico 220/240V remoto incluido.

LED recessed downlight. Phosphor LED module integrated. Remote electronic transformer 220/240V included.

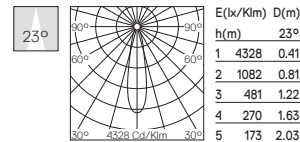
- CRI 98**
- Non Dimmable
 - 09.1630.30A
 - 09.1630.02A
 - 09.1630.14A
 - Dali Version
 - 09.1630.30ADA
 - 09.1630.02ADA
 - 09.1630.14ADA
 - 1-10V
 - 09.1630.30A1V
 - 09.1630.02A1V
 - 09.1630.14A1V



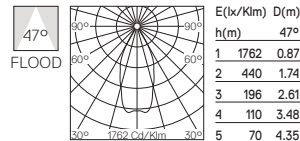
[PURE 1 DOWNLIGHT NO TRIM]



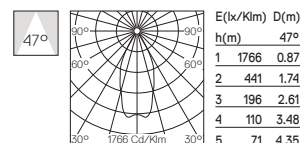
- CRI 80**
- Non Dimmable
 - 09.1635.30B
 - 09.1635.02B
 - 09.1635.14B
 - Dali Version
 - 09.1635.30ADA
 - 09.1635.02ADA
 - 09.1635.14ADA
 - 1-10V
 - 09.1635.30B1V
 - 09.1635.02B1V
 - 09.1635.14B1V



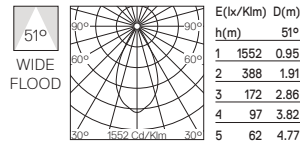
- CRI 98**
- Non Dimmable
 - 09.1631.30A
 - 09.1631.02A
 - 09.1631.14A
 - Dali Version
 - 09.1631.30ADA
 - 09.1631.02ADA
 - 09.1631.14ADA
 - 1-10V
 - 09.1631.30A1V
 - 09.1631.02A1V
 - 09.1631.14A1V



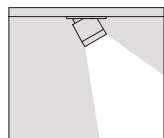
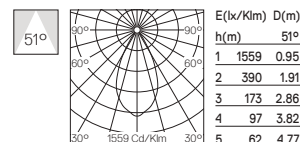
- CRI 80**
- Non Dimmable
 - 09.1636.30B
 - 09.1636.02B
 - 09.1636.14B
 - Dali Version
 - 09.1636.30ADA
 - 09.1636.02ADA
 - 09.1636.14ADA
 - 1-10V
 - 09.1636.30B1V
 - 09.1636.02B1V
 - 09.1636.14B1V



- CRI 98**
- Non Dimmable
 - 09.1632.30A
 - 09.1632.02A
 - 09.1632.14A
 - Dali Version
 - 09.1632.30ADA
 - 09.1632.02ADA
 - 09.1632.14ADA
 - 1-10V
 - 09.1632.30A1V
 - 09.1632.02A1V
 - 09.1632.14A1V



- CRI 80**
- Non Dimmable
 - 09.1637.30B
 - 09.1637.02B
 - 09.1637.14B
 - Dali Version
 - 09.1637.30ADA
 - 09.1637.02ADA
 - 09.1637.14ADA
 - 1-10V
 - 09.1637.30B1V
 - 09.1637.02B1V
 - 09.1637.14B1V



LED INCL.
 NOT REPLACEABLE



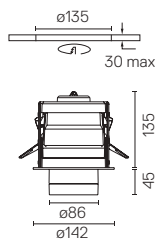
[Marco de pre-instalación. Se ha de pedir por separado.]
 Pre-installation frame must be ordered separately.

PURE DOWNLIGHT

PURE 1 DOWNLIGHT TRIM



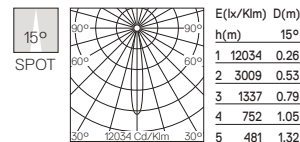
POWER LED
DC 700 mA
15,7W
1400 lm
2700K/CRI 80
3000K/CRI 80



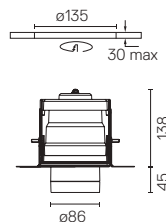
Luminaria empotrable para fuente de luz LED. Fuente de alimentación no incluida.

Embedded luminaire for LED light source. Power supply not included.

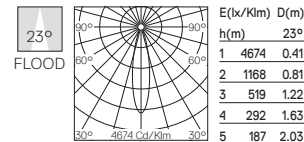
- 2700K
 09.1640.30A
 09.1640.02A
 09.1640.14A
- 3000K
 09.1645.30A
 09.1645.02A
 09.1645.14A



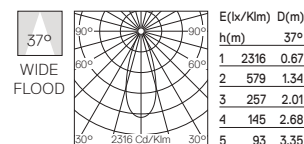
[PURE 1 DOWNLIGHT NO TRIM]



- 2700K
 09.1641.30A
 09.1641.02A
 09.1641.14A
- 3000K
 09.1646.30A
 09.1646.02A
 09.1646.14A

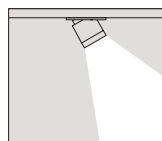


- 2700K
 09.1642.30A
 09.1642.02A
 09.1642.14A
- 3000K
 09.1647.30A
 09.1647.02A
 09.1647.14A



Equipos recomendados:
Recommended power supply:

Non Dimmable 60.8691
Dimmable 1-10V 60.8533
Dimmable Dali 60.8530
Mains Dimming 60.8534

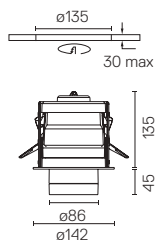


LED INCL.
NOT REPLACEABLE

PURE 1 DOWNLIGHT TRIM



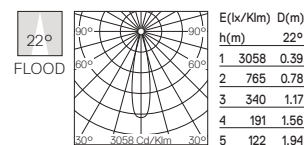
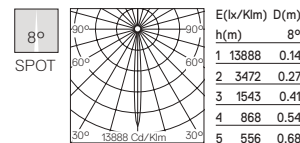
GT-12
GY6.35
max 50W



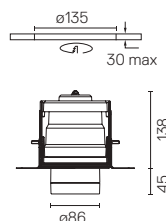
Empotrable para lámpara halógena de 12V. Transformador remoto no incluido.

12V halogen lamp recessed downlight. Remote transformer not included.

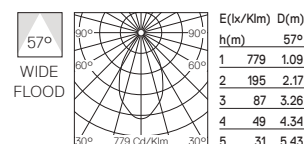
- 09.1615.30
09.1615.02
09.1615.14
- 09.1616.30
09.1616.02
09.1616.14
- 09.1617.30
09.1617.02
09.1617.14



[PURE 1 DOWNLIGHT NO TRIM]



- 09.1617.30
09.1617.02
09.1617.14



[Marco de pre-instalación. Se ha de pedir por separado.]
Pre-installation frame must be ordered separately.

PURE DOWNLIGHT

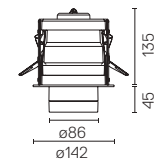
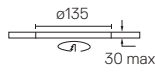
PURE 1 DOWNLIGHT TRIM



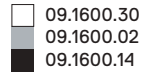

QR-CBC 51
 GX5.3
 MAX 50W

-OR-

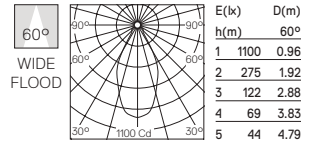
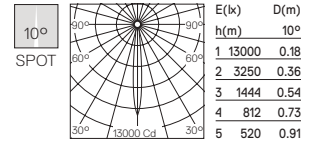

LED
QR-CBC 51
 GX5.3
 7/10W



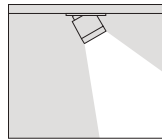
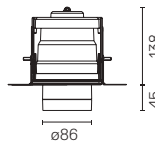
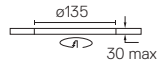
Empotrable para lámpara
 halógena de 12V.
 Transformador remoto no
 incluido.


 09.1600.30
 09.1600.02
 09.1600.14

12V halogen lamp
 recessed downlight.
 Remote transformer not
 included.



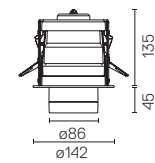
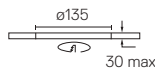
[PURE 1 DOWNLIGHT NO TRIM]



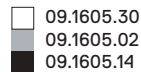
PURE 1 DOWNLIGHT TRIM



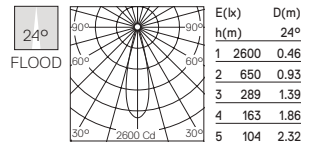
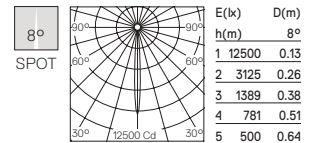

QR-70
 BA15d
 MAX 50W



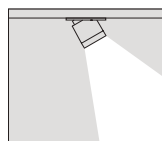
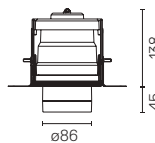
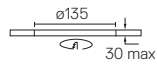
Empotrable para lámpara
 halógena de 12V.
 Transformador remoto no
 incluido.


 09.1605.30
 09.1605.02
 09.1605.14

12V halogen lamp
 recessed downlight.
 Remote transformer not
 included.



[PURE 1 DOWNLIGHT NO TRIM]



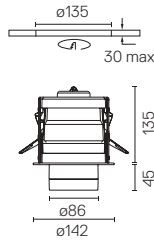
[Marco de pre-instalación. Se ha de pedir por separado.]
 Pre-installation frame must be ordered separately.

PURE DOWNLIGHT

PURE 1 DOWNLIGHT TRIM



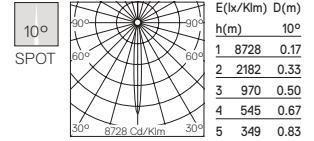
CDM-TM
PGJ5
MAX 35W



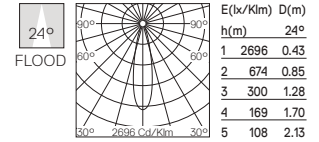
Empotrable para lámpara de halogenuro metálico.
Balasto no incluido.

09.1620.30
09.1620.02
09.1620.14

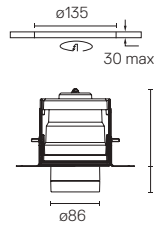
Metal halide lamp recessed downlight.
Remote control gear not included.



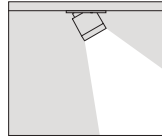
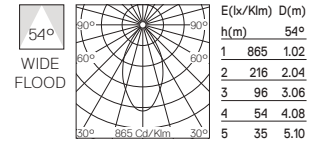
09.1621.30
09.1621.02
09.1621.14



[PURE 1 DOWNLIGHT NO TRIM]



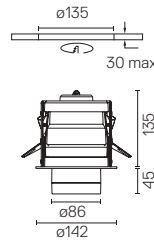
09.1622.30
09.1622.02
09.1622.14



PURE 1 DOWNLIGHT TRIM



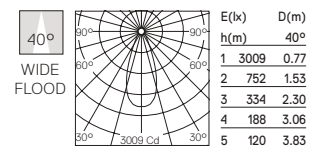
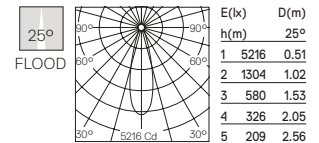
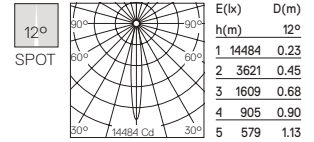
HI PAR 51
GX10
MAX 35W



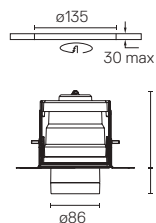
Empotrable para lámpara de halogenuro metálico.
Balasto no incluido.

09.1610.30A
09.1610.02A
09.1610.14A

Metal halide lamp recessed downlight.
Remote control gear not included.



[PURE 1 DOWNLIGHT NO TRIM]



GWT 850°



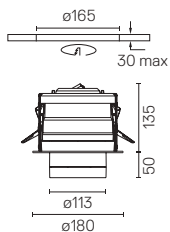
[Marco de pre-instalación. Se ha de pedir por separado.]
Pre-installation frame must be ordered separately.

PURE DOWNLIGHT

PURE 2 DOWNLIGHT TRIM



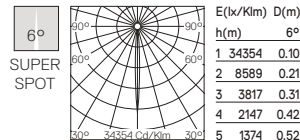
QT-12
GY6.35
MAX 100W



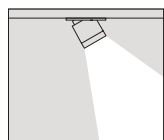
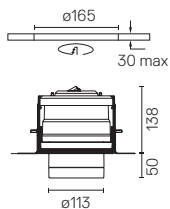
Empotrable para lámpara halógena de 12V.
Transformador remoto no incluido.

12V halogen lamp recessed downlight.
Remote transformer not included.

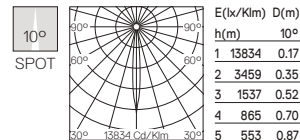
09.1712.30
09.1712.02
09.1712.14



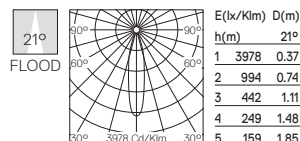
[PURE 2 DOWNLIGHT NO TRIM]



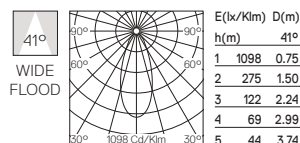
09.1713.30
09.1713.02
09.1713.14



09.1714.30
09.1714.02
09.1714.14



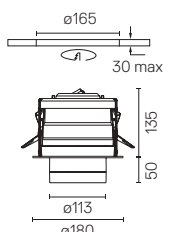
09.1715.30
09.1715.02
09.1715.14



PURE 2 DOWNLIGHT TRIM



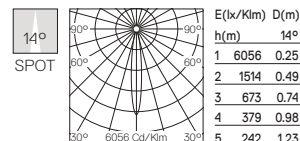
CDM-TC
G8.5
MAX 70W



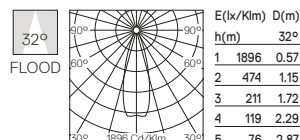
Empotrable para lámpara de halogenuro metálico.
Balasto no incluido.

Metal halide lamp recessed downlight.
Remote control gear not included.

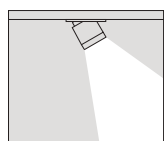
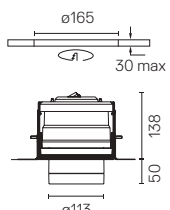
09.1703.30
09.1703.02
09.1703.14



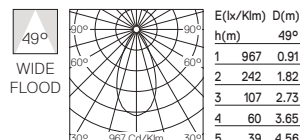
09.1704.30
09.1704.02
09.1704.14



[PURE 2 DOWNLIGHT NO TRIM]



09.1702.30
09.1702.02
09.1702.14





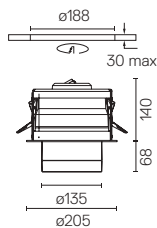
[Marco de pre-instalación. Se ha de pedir por separado.]
[Pre-installation frame must be ordered separately.]

PURE DOWNLIGHT

PURE 3 DOWNLIGHT TRIM



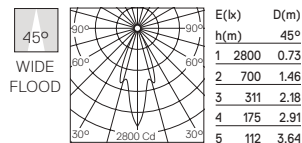
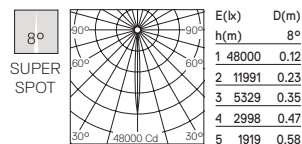

QR-111
G53
MAX 100W
 -OR-

LED QR-111



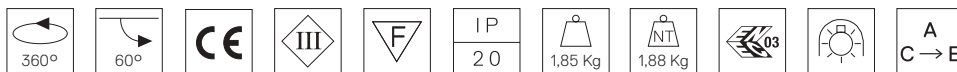
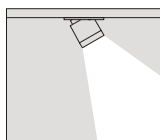
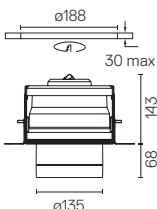
Empotrable para lámpara halógena de 12V.
 Transformador remoto no incluido.

09.1810.30
 09.1810.02
 09.1810.14

12V halogen lamp recessed downlight.
 Remote transformer not included.



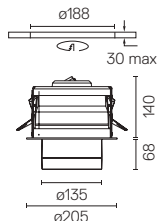
[PURE 3 DOWNLIGHT NO TRIM]



PURE 3 DOWNLIGHT TRIM



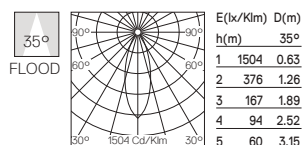
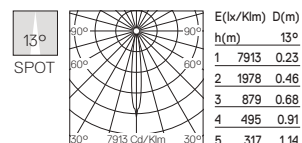

HIT-CRI
G12
MAX 150W



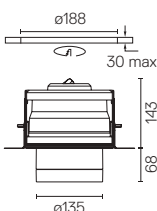
Empotrable para lámpara de halogenuro metálico.
 Balasto no incluido.

09.1803.30
 09.1803.02
 09.1803.14

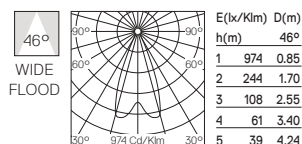
Metal halide lamp recessed downlight.
 Remote control gear not included.



[PURE 3 DOWNLIGHT NO TRIM]

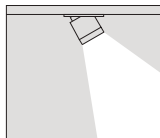


09.1802.30
 09.1802.02
 09.1802.14



La lámpara HCI-T 150W de Osram (diámetro de bulbo: 24mm) no puede ser utilizada con nuestros reflectores. Utilizar solo lámparas HIT-CRI estándares (diámetro de bulbo: 19mm).

Osram HCI-T 150W lamp (bulb: ø24mm) does not fit into our reflectors. Please use standard HIT-CRI lamps (bulb: ø19mm).



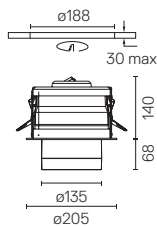
[Marco de pre-instalación. Se ha de pedir por separado.]
 [Pre-installation frame must be ordered separately.]

PURE DOWNLIGHT

PURE 3 DOWNLIGHT TRIM



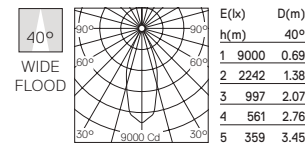
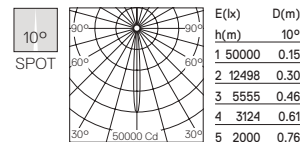
CDM-R111
GX8.5
MAX 70W



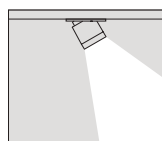
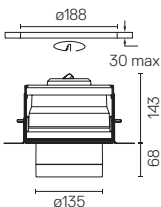
Empotrable para lámpara
de halogenuro metálico.
Balasto no incluido.

- 09.1805.30
- 09.1805.02
- 09.1805.14

Metal halide lamp
recessed downlight.
Remote control gear not
included.



[PURE 3 DOWNLIGHT NO TRIM]



360°

60°

CE

⏏

F

IP
20

1,85 Kg

NT
1,88 Kg

03

B

[Marco de pre-instalación. Se ha de pedir por separado.]
Pre-installation frame must be ordered separately.

PURE DOWNLIGHT

ACCESORIOS / ACCESSORIES

Trim
 08.8149.30
 08.8149.02
 08.8149.14



No Trim
 08.8152.00



Trim
 08.8150.30
 08.8150.02
 08.8150.14



No Trim
 08.8153.00



Trim
 08.8151.30
 08.8151.02
 08.8151.14

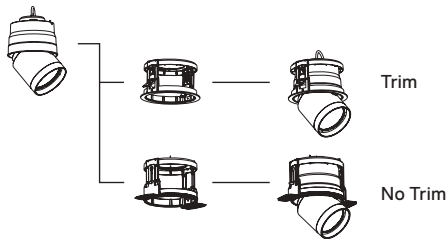


No Trim
 08.8154.00



Ejemplo / Example:
 09.1630.30 + 08.8149.30 = TRIM

Ejemplo / Example:
 09.1630.30 + 08.8152.00 = NO TRIM



Pure Downlight Trim

Marco de instalación para
 Pure 1 Downlight Trim.



08.8149.30
 08.8149.02
 08.8149.14



Installation frame for Pure 1
 Downlight Trim.

Marco de instalación para
 Pure 2 Downlight Trim.



08.8150.30
 08.8150.02
 08.8150.14



Installation frame for Pure 2
 Downlight Trim.

Marco de instalación para
 Pure 3 Downlight Trim.



08.8151.30
 08.8151.02
 08.8151.14



Installation frame for Pure 3
 Downlight Trim.

Pure Downlight No Trim

Marco de instalación para
 Pure 1 Downlight No Trim.



08.8152.00



Installation frame for Pure 1
 Downlight No Trim.

Marco de instalación para
 Pure 2 Downlight No Trim.



08.8153.00



Installation frame for Pure 2
 Downlight No Trim.

Marco de instalación para
 Pure 3 Downlight No Trim.



08.8154.00



Installation frame for Pure 3
 Downlight No Trim.

PURE DOWNLIGHT

ACCESORIOS / ACCESSORIES

Accesorios

Con el fin de aumentar las prestaciones de la familia Pure se encuentran disponibles toda una gama de accesorios entre los que se encuentran:

- Elemento de apantallamiento.
 - Filtros cromáticos de cristal dichroico de 3 mm de espesor.
 - Lentes de distribución elíptica en cristal templado prensado de 4 mm de espesor.
 - Lente difusora en cristal templado prensado de 4 mm de espesor.
- Para la incorporación de todos estos accesorios es necesario utilizar el aro soporte.

Además el aro permite hacer combinaciones de lentes, filtros y elementos de apantallamiento de la siguiente forma:

- Filtro + Filtro.
- Filtro + Elemento de apantallamiento.
- Filtro + Lente.

Accessories

A full range of accessories are available to increase the possibilities of the Pure, including:

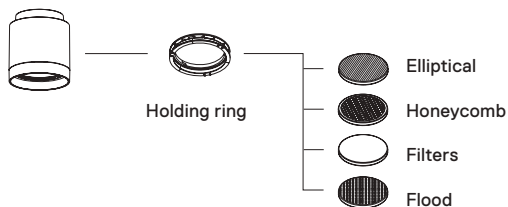
- Screening element.
- Colour filters in 3 mm thick dichroic material.
- Elliptical distribution lens in 4 mm thick tempered press glass.
- Flood lens in 4 mm thick tempered press glass.

The holding ring must be used always with these accessories. The ring allows doing combinations of lenses, filters and screening element in the following way:

- Filter + Filter.
- Filter + Screening element.
- Filter + Lens.

Los accesorios: lente de distribución elíptica, elemento apantallador, los diferentes filtros y la lente flood deben ser utilizados siempre con el aro soporte, de su diámetro correspondiente.

Elliptical lens, honeycomb filter, different filters and flood lens, must always be used with the holding ring using the correct diameter.



Pure 1 Downlight Ø86

Aro soporte.  08.8166.14

Holding ring.

Pure 2 Downlight Ø113

Aro soporte.  08.8167.14

Holding ring.

Pure 3 Downlight Ø135

Aro soporte.  08.8168.14


Holding ring.

Pure 1 Downlight Ø86


Bajo pedido para las versiones HI PAR 51.
On request for HI PAR 51 versions.

Refractor de cristal templado con grueso de 4mm para la distribución elíptica del flujo luminoso.  08.8163.68

Elliptical light distribution lens in 4mm thick tempered glass.

Lente Flood realizada en cristal prensado.  08.8175.68

Flood lens made in press glass.

Elemento apantallador tipo "nido de abeja", realizado en aluminio y acabado en negro.  08.8169.14

"Honeycomb" anti-glare screen: in thin, black-painted aluminium sheets.

FILTRO AZUL
BLUE FILTER  08.8160.64.OD

FILTRO CELESTE
SKY BLUE FILTER  08.8160.65.OD

FILTRO ÁMBAR
AMBER FILTER  08.8160.66.OD

FILTRO ROJO
RED FILTER  08.8160.67.OD

FILTRO anti U.V.
U.V. FILTER  08.8160.98.OD

FILTRO anti I.R.
I.R. FILTER  08.8160.68

HOT LIGHT
HOT LIGHT  08.8160.69

COLD LIGHT
COLD LIGHT  08.8160.CL

DAYLIGHT
DAYLIGHT  08.8160.DL

NEODIMIUM
NEODIMIUM  08.8160.ND

Aro exterior PRO para Pure Downlight 1. Solo para versiones de halógenos, consultar para versión LED.  08.8232.30
08.8232.02
08.8232.14

Pure Downlight 1 external ring accessory PRO. Only for halogen lamps, consult for LED version.

PURE DOWNLIGHT
ACCESORIOS / ACCESSORIES

Pure 2 Downlight Ø113

Refractor de cristal templado con grueso de 4mm para la distribución elíptica del flujo luminoso.



08.8164.68

Elliptical light distribution lens in 4mm thick tempered glass.

Lente Flood realizada en cristal prensado.



08.8176.68

Flood lens made in press glass.

Elemento apantallador tipo "nido de abeja", realizado en aluminio y acabado en negro.



08.8170.14

"Honeycomb" anti-glare screen: in thin, black-painted aluminium sheets.

FILTRO AZUL
BLUE FILTER



08.8161.64.OD

FILTRO CELESTE
SKY BLUE FILTER



08.8161.65.OD

FILTRO ÁMBAR
AMBER FILTER



08.8161.66.OD

FILTRO ROJO
RED FILTER



08.8161.67.OD

FILTRO anti U.V.
U.V. FILTER



08.8161.98.OD

FILTRO anti I.R.
I.R. FILTER



08.8161.68

HOT LIGHT
HOT LIGHT



08.8161.69

COLD LIGHT
COLD LIGHT



08.8161.CL

DAYLIGHT
DAYLIGHT



08.8161.DL

NEODIMIUM
NEODIMIUM



08.8161.ND

Aro exterior PRO para Pure Downlight 2.



08.8233.30
08.8233.02
08.8233.14

Pure Downlight 2 external ring accessory PRO.

Aro exterior para Pure Downlight 2 Wall-Washer.



08.8234.30
08.8234.02
08.8234.14

Pure Downlight 2 Wall-Washer external ring accessory.

Pure 3 Downlight Ø135

Refractor de cristal templado con grueso de 4mm para la distribución elíptica del flujo luminoso.



08.8165.68

Elliptical light distribution lens in 4mm thick tempered glass.

Lente Flood realizada en cristal prensado.



08.8177.68

Flood lens made in press glass.

Elemento apantallador tipo "nido de abeja", realizado en aluminio y acabado en negro.



08.8171.14

"Honeycomb" anti-glare screen: in thin, black-painted aluminium sheets.

FILTRO AZUL
BLUE FILTER



08.8162.64.OD

FILTRO CELESTE
SKY BLUE FILTER



08.8162.65.OD

FILTRO ÁMBAR
AMBER FILTER



08.8162.66.OD

FILTRO ROJO
RED FILTER



08.8162.67.OD

FILTRO anti U.V.
U.V. FILTER



08.8162.98.OD

FILTRO anti I.R.
I.R. FILTER



08.8162.68

HOT LIGHT
HOT LIGHT



08.8162.69

COLD LIGHT
COLD LIGHT



08.8162.CL

DAYLIGHT
DAYLIGHT



08.8162.DL

NEODIMIUM
NEODIMIUM



08.8162.ND

WAN DOWNLIGHT

DESIGNED BY JOHANNA GRAWUNDER

Versión Version				
Fuentes de Luz Light Sources	 LED ARRAY 10,5W 930 lm 3000K CRI 80	 QT-14 G9 MAX 40W	 QT-12 GY6.35 MAX 50W	 CDM-TM PGJ5 MAX 35W
Colores Colours	 30 Blanco 30 White	 05 Aluminio Pulido 05 Polished Aluminium	 14 Negro 14 Black	 GN Verde GN Green
				

Descripción

Luminaria de luz directa para ser instalada empotrada a techo. Aro de aluminio disponible en acabado pulido, blanco brillante, verde esmaltado y negro brillante. Incorpora como antideslumbramiento.

El producto lleva incorporados dos aros interiores intercambiables, que sujetan el cristal templado y el reflector, en acabado negro brillante o verde esmaltado. Disponible en los acabados: blanco (30), aluminio pulido (05), negro (14) y verde (GN).

Reflectores

Reflector de aluminio tratado con chorro de arena y blanqueado químicamente.

Fuentes de Luz

LED:

- LED Array, 10,5W.

Halógenas:

- QT-14, max 40W.

- QT-12, max 50W.

De descarga:

- CDM-TM, max 35W.

Unidades de Alimentación

Luminaria precableada para ser alimentada mediante equipo remoto.

Halógenas:

- transformador electrónico 20/105W, 220/240V, 50/60Hz, dimable con dispositivo "leading and trailing edge".

De descarga:

- balasto electrónico de la potencia indicada.

Información Adicional

Índice de protección IP44.

Clase de aislamiento II, III, según las versiones.

Instalable sobre superficies normalmente inflamables.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Ceiling recessed luminary providing direct light. Aluminum ring, available in chrome, shiny white, enameled green, and shiny black finishes. Low glare shield.

Provided by two different ring due to fix the safety tempered glass, in shiny black and enameled green.

Available finishes: white (30), polished aluminium (05), black (14) and green (GN).

Reflectors

Sanded and chemically bleached aluminum reflector.

Light Sources

LED:

- LED Array, 10,5W.

Halogen:

- QT-14, max 40W.

- QT-12, max 50W.

Discharge:

- CDM-TM, max 35W.

Power Supply

Pre-wiring included; ready for remote power supply.

Halogen:

- 20/105W, 220/240V, 50/60Hz electronic transformer suitable for dimming when used with trailing edge dimmers.

Discharge:

- electronic ballast.

Additional Information

IP44 protection grade.

Insulation class II, III depending on the versions.

Suitable for installation on normally inflammable surfaces.

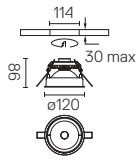
Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

WAN DOWNLIGHT



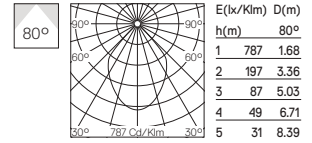
LED ARRAY
DC 500 mA
10,5W
930 lm
3000K
CRI 80



Luminaria empotrable para fuente de luz LED. Fuente de alimentación no incluida.

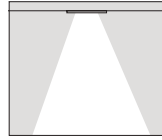
Embedded luminaire for LED light source. Power supply not included.

- 03.6154.30
- 03.6154.05
- 03.6154.14
- 03.6154.GN



Equipos recomendados:
Recommended power supply:

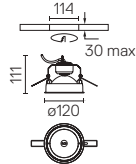
- Non Dimmable 60.8650
- Dimmable 1-10V 60.8533
- Dimmable Dali 60.8530
- Mains Dimming 60.8534



CE, III, F, IP 44, 0,35 Kg, PENDING, GWT 850°, LED INCL. NOT REPLACEABLE



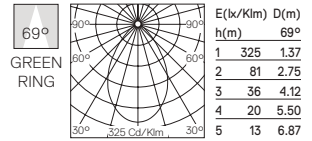
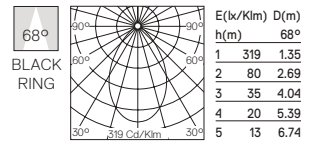
QT-14
G9
MAX 40W



Empotrable con alimentación directa a red.

Recessed downlight with main voltage source.

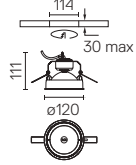
- 03.6150.30
- 03.6150.05
- 03.6150.14
- 03.6150.GN



CE, III, F, IP 44, 0,35 Kg, PENDING, GWT 850°, D → E



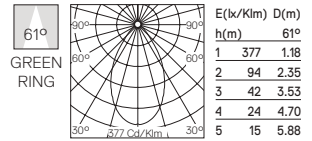
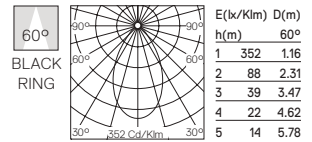
QT-12
GY6.35
MAX 50W



Empotrable para lámpara halógena de 12V. Transformador remoto no incluido.

12V halogen lamp recessed downlight. Remote transformer not included.

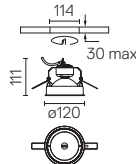
- 03.6151.30
- 03.6151.05
- 03.6151.14
- 03.6151.GN



CE, III, F, IP 44, 0,35 Kg, PENDING, GWT 850°, B → E



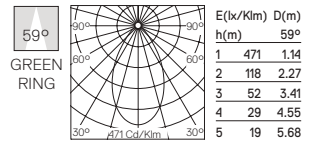
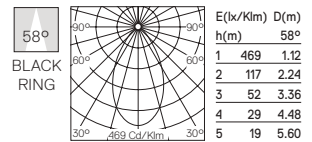
CDM-TM
PGJ5
MAX 35W



Empotrable para lámpara de halogenuro metálico. Balasto no incluido.

Metal halide lamp recessed downlight. Remote control gear not included.

- 03.6152.30
- 03.6152.05
- 03.6152.14
- 03.6152.GN






A+ → A

CE, III, F, IP 44, 0,35 Kg, PENDING, GWT 850°

LIGHT SOLDIER

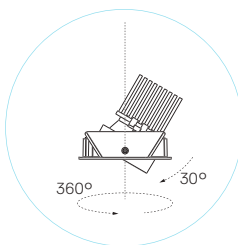
DESIGNED BY FLOS ARCHITECTURAL

Versión Version	FIXED Ø 75	ADJUSTABLE Ø 90
		
Fuentes de Luz Light Sources	 LED ARRAY 9,2W 893 lm 2700K/CRI 90 9,2W 945 lm 3000K/CRI 80	

Colores Colours	<input type="checkbox"/> 30 Blanco 30 White	<input type="checkbox"/> 02 Gris 02 Grey	<input type="checkbox"/> 14 Negro 14 Black
			

Rotación
Rotation Features

Puede ser rotado 360° y orientado 30°.
Can be rotated 360° and swivelled 30°.



Descripción

Luminarias empotrables para fuente de luz LED disponibles en versión fija o basculante. Se componen de un aro frontal redondo realizado en aluminio junto a un anillo de material termoplástico negro que ofrece un alto confort visual.

Disponible en los acabados: blanco (30), gris (02) y negro (14).

Reflectores

Realizados en plástico, con aperturas de 23° - 31° y 49°.

Fuentes de Luz

LED:

- LED Array, 9,2W.

Unidades de alimentación

Fuente de alimentación de corriente constante no incluida.

Accesorios

Dispone de un difusor realizado en plástico que mejora la uniformidad de la luz y mejora el confort visual incluido en la luminaria.

Información Adicional

Índice de protección IP20.

Clase de aislamiento III.

Instalable sobre superficies normalmente inflamables.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Embedded light fixtures for LED light source available in fixed or tilt versions. Comprised of a round hoop at the front made of aluminium, next to a ring made of black thermoplastic material, giving great visual comfort.

Available finishes: white (30), grey (02) and black (14).

Reflectors

Made of plastic, with openings of 23° - 31° and 49°.

Light Sources

LED:

- LED Array, 9,2W.

Power Supply

Constant current power supply not included.

Accessories

With plastic diffuser to enhance light uniformity and improve visual comfort incorporated into the light fixture.

Additional Information

IP20 protection grade.

Insulation class III.

Suitable for installation on normally inflammable surfaces.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.



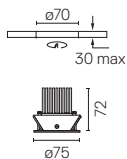
LIGHT SOLDIER

LIGHT SOLDIER FIXED Ø75



LED ARRAY
DC 500 mA
9,2W
893 lm
2700K/CRI 90

9,2W
945 lm
3000K/CRI 80



Luminaria empotrable para fuente de luz LED. Fuente de alimentación no incluida.

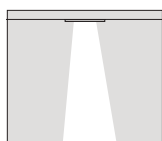
Embedded luminaire for LED light source. Power supply not included.

- 2700K
- 03.4311.30A
 - 03.4311.02A
 - 03.4311.14A
- 3000K
- 03.4300.30A
 - 03.4300.02A
 - 03.4300.14A

SPOT

Equipos recomendados:
Recommended power supply:

- Non Dimmable 500mA 60.8650
- Non Dimmable MC 60.8697
- Dimmable 1-10V MC 60.8533
- Dimmable Dali 500mA 60.8485
- Dimmable Dali MC 60.8847
- Mains Dimming MC 60.8534



LED INCL.
NOT REPLACEABLE

- 2700K
- 03.4312.30A
 - 03.4312.02A
 - 03.4312.14A
- 3000K
- 03.4301.30A
 - 03.4301.02A
 - 03.4301.14A

FLOOD

- 2700K
- 03.4313.30A
 - 03.4313.02A
 - 03.4313.14A

WIDE FLOOD

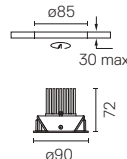
- 3000K
- 03.4302.30A
 - 03.4302.02A
 - 03.4302.14A

LIGHT SOLDIER ADJUSTABLE Ø90



LED ARRAY
DC 500 mA
9,2W
893 lm
2700K/CRI 90

9,2W
945 lm
3000K/CRI 80



Luminaria empotrable para fuente de luz LED. Fuente de alimentación no incluida.

Embedded luminaire for LED light source. Power supply not included.

- 2700K
- 03.4331.30A
 - 03.4331.02A
 - 03.4331.14A
- 3000K
- 03.4320.30A
 - 03.4320.02A
 - 03.4320.14A

SPOT

Equipos recomendados:
Recommended power supply:

- Non Dimmable 500mA 60.8650
- Non Dimmable MC 60.8697
- Dimmable 1-10V MC 60.8533
- Dimmable Dali 500mA 60.8485
- Dimmable Dali MC 60.8847
- Mains Dimming MC 60.8534



LED INCL.
NOT REPLACEABLE

- 2700K
- 03.4332.30A
 - 03.4332.02A
 - 03.4332.14A

FLOOD

- 3000K
- 03.4321.30A
 - 03.4321.02A
 - 03.4321.14A

- 2700K
- 03.4333.30A
 - 03.4333.02A
 - 03.4333.14A

WIDE FLOOD

Driver current (mA)	2700K Version		3000K Version	
	Luminous flux (lm)	Power (W)	Luminous flux (lm)	Power (W)
350	665	6,2	703	6,2
500	893	9,2	945	9,2

DOWNTOWN

DESIGNED BY FLOS ARCHITECTURAL

Versión Version	DOWNTOWN Ø160 TRIM / NO TRIM	DOWNTOWN Ø215 TRIM / NO TRIM	
Fuentes de Luz Light Sources	  TC-TEL GX24q 18/26W	  TC-TEL GX24q 18/26/32/42W	 TC-DEL G24q 18/26W

Colores Colours	<input type="checkbox"/> 30 Blanco/RAL 9001 30 White		
	Downtown Trim 	Downtown No Trim 	

Descripción

Luminarias empotrables para ser instaladas en interiores con lámparas fluorescentes compactas.

Cuerpo óptico realizado en aluminio inyectado a presión con acabado en pintura polvo. Disipador térmico realizado en aluminio inyectado a presión unido al cuerpo de la luminaria. Dispone de reflectores inferior y superior realizados en aluminio anodizado en acabado espejular. Reflector superior fijo. El reflector inferior se compone del propio reflector más un cristal difusor de 4 mm de espesor y un aro de policarbonato que fija el reflector al aro de aluminio del producto. Pinzas de sujeción a techo en las versiones Trim que facilitan la instalación, realizadas en termoplástico. Disponible en dos diámetros 160 mm y 215 mm y en versiones Trim y No Trim. Disponible en los acabados: blanco (30).

Reflectores

Reflectores dark light de aluminio anodizado en acabado brillo espejular. Cut-off de 30°.

Fuentes de Luz

Fluorescencia:

- TC-TEL, 18/26/32/42W.
- TC-DEL, 18/26W.

Unidades de Alimentación

- Versión estándar (E3). Balasto electrónico de la potencia indicada 220/240V - 50/60Hz.
- Versión regulable Dali (DA). Balasto electrónico regulable de la potencia indicada 220/240V-50/60Hz. Sistema de dimado digital PUSH/SwitchDIM/Dali.

Accesorios

Accesorio IP64 en diámetro 160 y 215. Solo disponible para las versiones Trim.

Información Adicional

Índice de protección IP23.
Clase de aislamiento I.
Instalable sobre superficies normalmente inflamables.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Flush luminaires to be installed indoors with compact fluorescent lamps.

Optical body made in injected aluminium with powder-coated paint finish. Heatsink made in injected aluminium under pressure attached to the body of the luminaire.

Lower and upper reflectors available made of anodized aluminium with specular finish. Fixed upper reflector. Inferior reflector formed by self reflector and a spreading lens of 4 mm thick and a polycarbonate ring that fixes the reflector to the aluminium ring of the product. Fastening pliers to ceiling in the easy to install Trim versions made of thermoplastic. Available in two diameters 160 mm and 215 mm and in Trim and No Trim versions. Available finishes: white (30).

Reflectors

Dark light anodized aluminium reflectors with gloss specular finish. Cut-off 30°.

Light Sources

Fluorescent:

- TC-TEL, 18/26/32/42W.
- TC-DEL, 18/26W.

Power Supply

- Standard version (E3). Electronic ballast, power levels 220/240V - 50/60Hz.
- Dali adjustable version (DA). Adjustable electronic ballast. Power levels 220/240V - 50/60Hz. Digital adjustable system PUSH/Switch DIM/Dali.

Accessories

Accessory IP64 in diameter 160 and 215. Only available for Trim versions.

Additional Information

IP23 protection grade.
Insulation class I.
Suitable for installation on normally inflammable surfaces.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

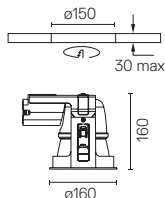


DOWNTOWN

DOWNTOWN TRIM Ø160



TC-TEL
GX24q
1x18W
1x26W



Luminaria empotrable para lámpara fluorescente. Variante E3, con balasto electrónico remoto incluido. Variante DA, con balasto electrónico remoto PUSH y Dali incluido.

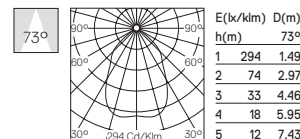
Fluorescent lamp recessed downlight. E3 variant, with remote electronic ballast included. DA variant, with PUSH and Dali dimmable remote electronic ballast included.

Electronic Ballast

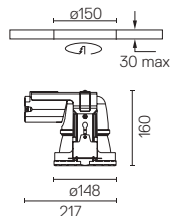
- 1x18W
- 03.0205.30.E3
- 1x26W
- 03.0206.30.E3

Dali/Push Ballast

- 1x26W
- 03.0206.30.DA



DOWNTOWN NO TRIM Ø160

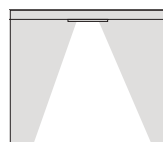


Electronic Ballast

- 1x18W
- 03.0255.30.E3
- 1x26W
- 03.0256.30.E3

Dali/Push Ballast

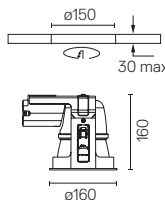
- 1x18W
- 03.0255.30.DA
- 1x26W
- 03.0256.30.DA



DOWNTOWN TRIM Ø160 EMERGENCY



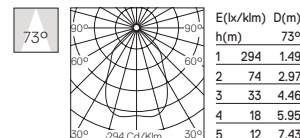
TC-TEL
GX24q
1x18W
1x26W



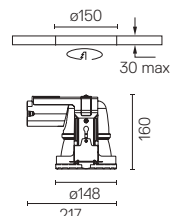
Luminaria empotrable para lámparas fluorescentes con kit de emergencia para luz permanente. Incluye balasto tipo combo (inverter+balasto) con batería Ni-Cd de 3h. Se sirve completamente conectado.

Luminary with emergency kit for permanent lighting systems using compact fluorescent lamps. Includes combo ballast (inverter+ballast) with Ni-Cd 3h battery supplied fully connected.

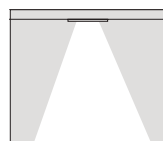
- 1x18W
- 03.0225.30
- 1x26W
- 03.0226.30



DOWNTOWN NO TRIM Ø160 EMERGENCY



- 1x18W
- 03.0275.30
- 1x26W
- 03.0276.30



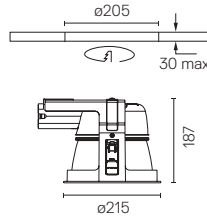
DOWNTOWN

DOWNTOWN TRIM Ø215



TC-TEL
GX24q
1x18W
1x26W
1x32W
1x42W

TC-DEL
G24q
1x18W
1x26W

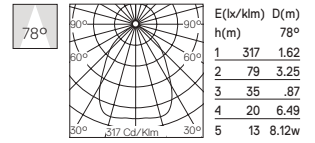


Luminaria empotrable para lámpara fluorescente. Variante E3, con balasto electrónico remoto incluido. Variante DA, con balasto electrónico remoto Dimmable PUSH y Dali incluido.

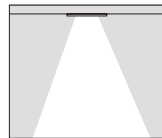
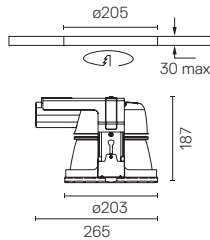
Fluorescent lamp recessed downlight. E3 variant, with remote electronic ballast included. DA variant, with PUSH and Dali dimmable remote electronic ballast included.

Electronic Ballast
1x18W
 03.0405.30.E3
1x26/32W
 03.0406.30.E3
1x42W
 03.0407.30.E3

Dali/Push Ballast
1x18W
 03.0405.30.DA
1x26/32W
 03.0406.30.DA
1x42W
 03.0407.30.DA



DOWNTOWN NO TRIM Ø215



Electronic Ballast
1x18W
 03.0455.30.E3
1x26/32W
 03.0456.30.E3
1x42W
 03.0457.30.E3

Dali/Push Ballast
1x18W
 03.0455.30.DA
1x26/32W
 03.0456.30.DA
1x42W
 03.0457.30.DA



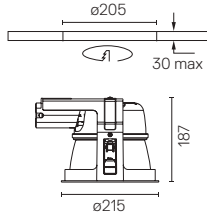
DOWNTOWN

DOWNTOWN TRIM Ø215



TC-TEL
GX24q
2x18W
2x26W
2x32W

TC-DEL
G24q
2x18W
2x26W

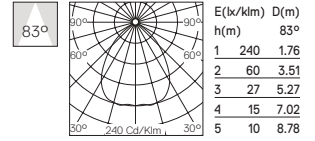


Luminaria empotrable para lámpara fluorescente. Variante E3, con balasto electrónico remoto incluido. Variante DA, con balasto electrónico remoto Dimmable PUSH y Dali incluido.

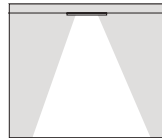
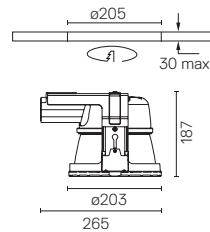
Fluorescent lamp recessed downlight. E3 variant, with remote electronic ballast included. DA variant, with PUSH and Dali dimmable remote electronic ballast included.

Electronic Ballast
2x18W
 03.0410.30.E3
2x26W
 03.0411.30.E3
2x32W
 03.0412.30.E3

Dali/Push Ballast
2x18W
 03.0410.30.DA
2x26W/32W
 03.0411.30.DA



DOWNTOWN NO TRIM Ø215



Electronic Ballast
2x18W
 03.0460.30.E3
2x26W
 03.0461.30.E3
2x32W
 03.0462.30.E3

Dali/Push Ballast
2x18W
 03.0460.30.DA
2x26/32W
 03.0461.30.DA



Accesorios Accessories

Aro externo IP64, Ø160.
External IP64 ring Ø160.



08.8254.30





Aro externo IP64, Ø215.
External IP64 ring Ø215.



08.8255.30

ECOLIGHT

DESIGNED BY FLOS ARCHITECTURAL

Versión Version		
Fuentes de Luz Light Sources	 TC-DEL G24q 18/26W	 TC-TEL GX24q 18/26/32/42W

Colores
Colours

30 Blanco Mate/RAL 9001
30 Matt White



Aro embellecedor realizado en aluminio y acabado en pintura en polvo blanca, gris o negra.
Aluminium ring with powder-coated finish, available with various motifs: white, grey or black.



Descripción

Luminarias empotrables para ser instaladas en interiores con lámparas de fluorescencia compacta. Cuerpo óptico realizado totalmente en material termoplástico autoextinguible de color blanco; elementos antirreflejos metalizados mediante procedimiento de aluminizado en vacío. Sistema de fijación con pinzas flexibles de acero inoxidable. Bornera para conexiones múltiples que permite la derivación de la línea de alimentación. Disponible en los acabados: blanco mate (30).

Reflectores

Reflectores de material termoplástico autoextinguible sometidos a un procedimiento de aluminizado en vacío.

Fuentes de Luz

Fluorescencia:
- TC-DEL, 18/26W.
- TC-TEL, 18/26/32/42W.

Unidades de Alimentación

Todas las versiones se entregan con reactancia electrónica multipotencia integrada.

Accesorios

Para todos los modelos hay disponible un aro decorativo de aluminio acabado con barniz en polvo color blanco, gris y negro. Los modelos diseñados para lámparas de fluorescencia compacta, están disponibles con kit de emergencia en Clase II con inverter y baterías de níquel-cadmio para elevadas temperaturas.

Información Adicional

Índice de protección: IP44 en techos no accesibles, para luminarias con difusor prismático de protección; IP23 en techos no accesibles, para luminarias con reflector de cuatro celdas. Clase de aislamiento II. Instalable sobre superficies normalmente inflamables.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Recessed luminaires for indoor installation for compact fluorescent lamps. Self-extinguishing, thermoplastic white reflector housing; vacuum-aluminium coated anti-glare elements. Fixing system with flexible stainless steel springs. Terminal block for multiple connections provided. Available finishes: matt white (30).

Reflectors

Self-extinguishing thermoplastic vacuum-aluminium coated reflectors.

Light Sources

Fluorescent:
- TC-DEL, 18/26W.
- TC-TEL, 18/26/32/42W.

Power Supply

Integrated multi-wattage electronic ballast for all versions.

Accessories

For all models, a decorative aluminum ring is available with powder-coated finish, matt white, grey and matt black. The versions fitted for compact fluorescent lamps have a Class II emergency kit with inverter and nickel-cadmium batteries for high temperatures.

Additional Information

IP44 protection grade in non-accessible ceilings, for luminaires with prismatic protection diffuser; IP23 in non-accessible ceilings, for four-cell reflector luminaires. Insulation class II. Suitable for installation on normally inflammable surfaces.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.



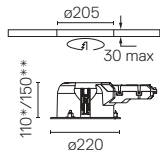
ECOLIGHT

4 CELL REFLECTOR

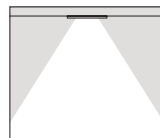


TC-DEL
G24q
2x26W

TC-TEL
GX24q
2x26/32W



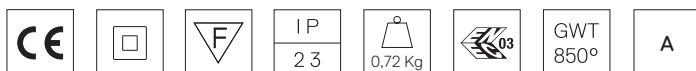
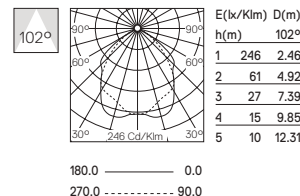
*=2x26W; **=2x32W



Luminaria empotrable para lámpara fluorescente. Balasto electrónico multipotencia incorporado.

2x26W/2x32W
□ 03.3420.30

Fluorescent lamp recessed downlight. Built-in multipower electronic ballast.

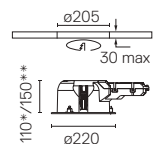


PRISMATIC DIFFUSER

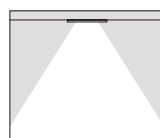


TC-DEL
G24q
1x26W

TC-TEL
GX24q
1x26/32/42W
2x26/32W



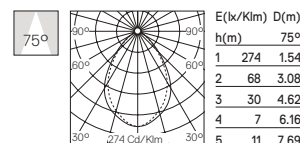
*=2x26W; **=2x32W



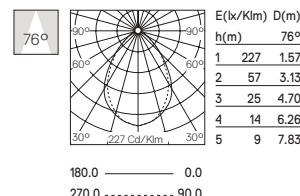
Luminaria empotrable para lámpara fluorescente. Balasto electrónico multipotencia incorporado.

1x26W/1x32W/1x42W
□ 03.3421.30

Fluorescent lamp recessed downlight. Built-in multipower electronic ballast.



2x26W/2x32W
□ 03.3422.30

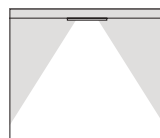
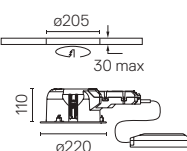


4 CELL REFLECTOR



TC-DEL
G24q
2x18W
2x26W

TC-TEL
GX24q
2x18W
2x26/32W

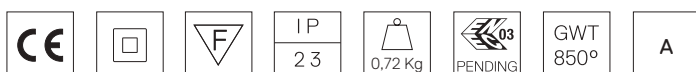
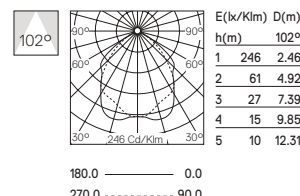


Luminaria empotrable para lámpara fluorescente. Balasto electrónico remoto multipotencia incorporado.

Electronic Ballast
2x18W
□ 03.3423.30.E3

Fluorescent lamp recessed downlight. Remote multipower electronic ballast included.

Dali Ballast
2x18W
□ 03.3423.30.DA
2x26W/2x32W
□ 03.3420.30.DA



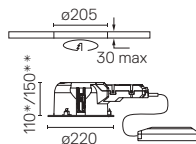
ECOLIGHT

PRISMATIC DIFFUSER

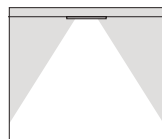


TC-DEL
G24q
1x18W
1x26W
2x18W
2x26W

TC-TEL
GX24q
1x18W
1x26W
1x32W
1x42W
2x18W
2x26W
2x32W



*=2x16W; **=2x32W

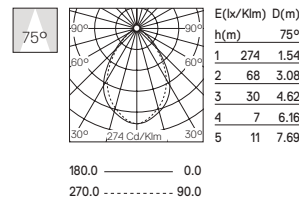


Luminaria empotrable para lámpara fluorescente. Balasto electrónico remoto multipotencia incorporado.

Fluorescent lamp recessed downlight. Remote multipower electronic ballast included.

Electronic Ballast
1x18W
 03.3443.30.E3

Dali Ballast
1x18W
 03.3443.30.DA
1x26W/32W
 03.3446.30.DA
1x42W
 03.3421.30.DA

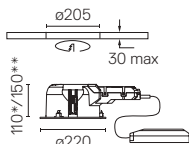


EMERGENCY KIT 4 CELL REFLECTOR

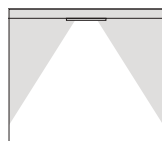


TC-DEL
G24q
2x18/26W

TC-TEL
GX24q
2x18/26/32W



*=2x18/26W; **=2x32W



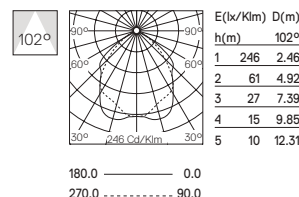
Luminaria empotrable para lámpara fluorescente con kit de emergencia para luz permanente. Incluye un kit clase II con un inversor y una batería Ni-Cd para alta temperatura y un kit clase II con balasto y arrancador con corrector del factor de potencia. Se sirve completamente conectado.

Fluorescent lamp recessed downlight with emergency kit for permanent lighting. Includes class II kit with inverter and Ni-Cad battery for high temperatures and class II kit with ballast and starter with corrected power factor. Supplied fully connected.

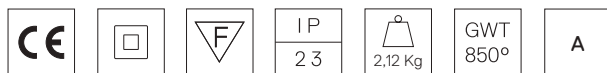
2x18W
 03.3452.30

2x26W
 03.3454.30

2x32W
 03.3456.30



Kit de emergencia/Emergency kit: (2x).
Autonomía/Autonomy: 3hr.
Rendimiento/Performance:
2x18: 0.18; 2x26: 0.16; 2x32: 0.14.



ECOLIGHT

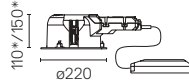
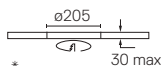
EMERGENCY KIT PRISMATIC DIFFUSER



TC-DEL
G24q
2x18/26W



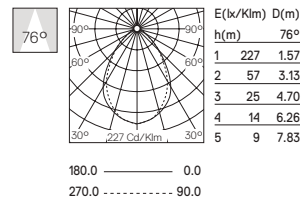
TC-TEL
GX24q
2x18/26/32W



*=2x18/26W; **=2x32W

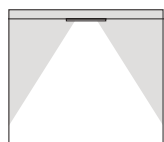
Luminaria empotrable para lámpara fluorescente con kit de emergencia para luz permanente. Incluye un kit clase II con un inversor y una batería Ni-Cd para alta temperatura y un kit clase II con balasto y arrancador con corrector del factor de potencia. Se sirve completamente conectado.

- 2x18W 03.3453.30
- 2x26W 03.3455.30
- 2x32W 03.3457.30



Fluorescent lamp recessed downlight with emergency kit for permanent lighting. Includes class II kit with inverter and Ni-Cad battery for high temperatures and class II kit with ballast and starter with corrected power factor. Supplied fully connected.

Kit de emergencia/Emergency kit: (2x).
Autonomía/Autonomy: 3hr.
Rendimiento/Performance:
2x18: 0.18; 2x26: 0.16; 2x32: 0.14.



Accesorios Accessories

Aro embellecedor realizado en aluminio y acabado en pintura en polvo blanca, gris o negra.








- 08.8044.30
- 08.8044.02
- 08.8044.14

Aluminium ring with powder-coated finish, available with various motifs: white, grey or black.

ORBITAL

DESIGNED BY FLOS ARCHITECTURAL

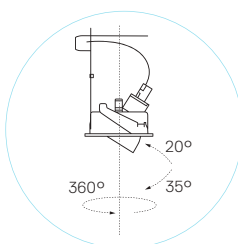
<p>Versión Version</p>	<p>MICRO ORBITAL</p> 	<p>ORBITAL</p> 	
<p>Fuentes de Luz Light Sources</p>	 <p>PAR 16 GZ10 MAX 50W - OR - LED PAR 16 4W</p>  <p>QR-CBC 51 GX5.3 MAX 50W - OR - LED QR-CBC 51 7/10W</p>	 <p>CDM-TC G8.5 MAX 70W</p>	

<p>Colores Colours</p>	<p><input type="checkbox"/> 30 Blanco Mate/RAL 9001 30 Matt White</p> 	<p><input type="checkbox"/> 02 Gris/RAL 9006 02 Grey</p> 	<p><input type="checkbox"/> 14 Negro Mate/RAL 9005 14 Matt Black</p> 
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Rotación
Rotation Features

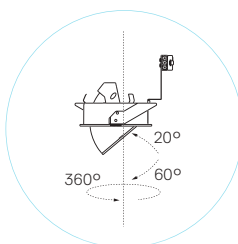
Micro Orbital

Puede ser orientado 35° hacia el exterior y 20° hacia el interior. Rotación 360°.
Adjustable versions can be swivelled 35° outwards and 20° inwards and rotated 360°.



Orbital

Puede ser orientado 60° hacia el exterior y 20° hacia el interior. Rotación 360°.
Adjustable versions can be swivelled 60° outwards and 20° inwards and rotated 360°.



ORBITAL

Descripción

Familia de luminarias empotradas para lámparas halógenas directas a red, halógenas de 12V y de halogenuro metálico. Disponible en dos dimensiones: Micro Orbital y Orbital. Disponible en los acabados: blanco mate (30), gris (02) y negro mate (14).

Micro Orbital:

Luminaria empotrable para lámparas halógenas de muy baja tensión y directas a red con reflector incorporado.

Aro para empotrar en aleación de aluminio inyectado a presión y pintado con barniz en polvo. Aro antirreflejos realizado en material termoplástico de color negro y cuerpo para empotrar de metal pintado con barniz en polvo de color negro. Aro de cierre realizado de material termoplástico negro. Sistema de fijación con pinzas flexibles de acero inoxidable. Apto para instalaciones en techos de 1 a 25 mm de espesor.

Orbital:

Luminaria empotrable diseñada para lámparas halógenas de baja tensión (12V) y de halogenuro metálico. El reflector va incorporado en la propia luminaria.

Cilindro de empotramiento realizado en aluminio con sistema de fijación mediante pinzas flexibles en acero inoxidable. Cuerpo basculante realizado en aluminio.

Reflectores

Micro Orbital:

La luminaria ha sido diseñada únicamente para lámparas con reflector propio.

Orbital:

Reflector en aluminio anodizado con acabado pulido.

Fuentes de Luz

Halógenas:

- QR-CBC 51, max 50W. (Es posible hacer un retrofit con lámparas LED convencionales).

- PAR 16, max 50W. (Es posible hacer un retrofit con lámparas LED convencionales).

* Retrofit recomendado solo con lámparas de FLOS.

De descarga:

- CDM-TC, max 70W.

Unidades de Alimentación

Luminaria precableada para ser alimentada mediante equipo remoto.

Halógenas:

- transformador electrónico 20/105W, 220/240V, 50/60Hz dimmable con dispositivo leading and trailing edge.

De descarga:

- balasto electrónico de la potencia indicada.

Accesorios

- lente de distribución elíptica de cristal templado de 4mm.
- filtros cromáticos.

Información Adicional

Micro Orbital:

Cuerpo orientable 35° hacia el exterior y 20° hacia el interior. Aro de protección realizado de material termoplástico negro. Clase de aislamiento: II (para lámparas directas a red); III (para lámparas de muy baja tensión).

Índice de protección IP23.

Instalables sobre superficies normalmente inflamables.

Orbital:

Cuerpo orientable 60° hacia el exterior y 20° hacia el interior. Rotación de 360°.

Clase de aislamiento I.

Índice de protección IP43.

Instalable sobre superficies normalmente inflamables.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Family of embedded luminaires for halogen lamp direct network, 12V halogen and metal halide.

Available in two sizes: Micro Orbital and Orbital.

Available finishes: matt white (30), grey (02) and matt black (14).

Micro Orbital:

Recessed luminaire for 12 volt & main voltage halogen reflector lamps.

Die-cast aluminum alloy ring, with powder-coated finish. Black thermoplastic anti-glare ring and recessed housing in black powder-coated metal. Black thermoplastic closing ring. Fixing system with flexible stainless steel springs. Suitable for ceiling thicknesses of 1-25 mm.

Orbital:

Recessed luminaire for low voltage and metal halide lamps. Die-cast aluminum alloy ring, and Fixing system with flexible stainless steel springs.

Aluminum dumper body.

Reflectores

Micro Orbital:

The luminaire is only designed for lamps with reflectors.

Orbital:

Polished anodized aluminum reflector.

Light Sources

Halogen:

- QR-CBC 51, max 50W. (Retrofit possible with conventional LED lamps).

- PAR 16, max 50W. (Retrofit possible with conventional LED lamps).

* Retrofit recommended only with FLOS lamps.

Discharge:

- CDM-TC, max 70W.

Power Supply

Pre-wiring included; ready for remote power supply.

Halogen:

- 20/105W, 220/240V, 50/60Hz electronic transformer suitable for dimming when used with trailing edge dimmers.

Discharge:

- electronic ballast.

Accessories

- 4mm tempered glass elliptical distribution lens.

- chromatic filters.

Additional Information

Micro Orbital:

Housing with 0° - 35° outwards and 0° - 20° inwards adjustment.

Black thermoplastic screening ring.

Insulation class II (for standard voltage lamps); III (for 12 volt lamps).

IP23 protection grade.

Suitable for installation on normally inflammable surfaces.

Orbital:

Adjustable 60° outwards and 20° inwards. Rotates 360°.

Insulation class I.

IP43 protection grade.

Suitable for installation on normally inflammable surfaces.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

ORBITAL

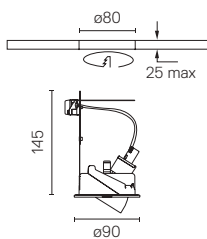
MICRO ORBITAL



PAR 16
GZ10
MAX 50W

- OR -

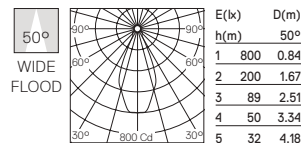
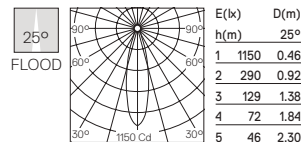
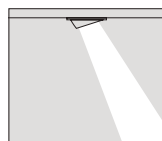
LED
PAR 16
GZ10
4W



Empotrable con
alimentación directa a red.

03.3801.30
03.3801.02
03.3801.14

Recessed downlight with
main voltage source.



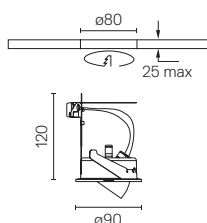
MICRO ORBITAL



QR-CBC 51
GX5.3
MAX 50W

- OR -

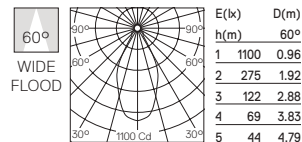
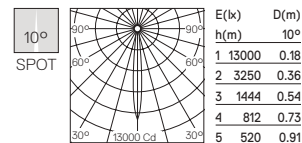
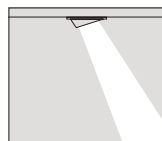
LED
QR-CBC 51
GX5.3
7/10W



Empotrable para lámpara
halógena de 12V.
Transformador remoto no
incluido.

03.3800.30
03.3800.02
03.3800.14

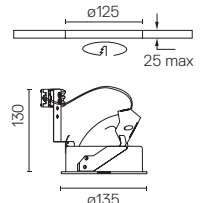
12V halogen lamp
recessed downlight.
Remote transformer not
included.



ORBITAL Ø135



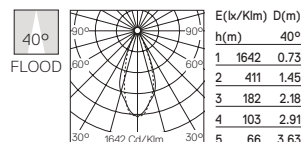
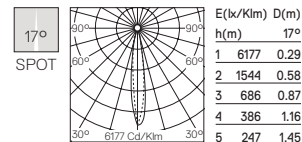
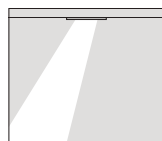
CDM-TC
G8.5
MAX 70W



Empotrable para lámpara
de halogenuro metálico.
Balasto no incluido.

03.3818.30
03.3818.02
03.3818.14

Metal halide lamp
recessed downlight.
Remote control gear not
included.



180.0 ——— 0.0
270.0 - - - - - 90.0



ORBITAL

ACCESORIOS / ACCESSORIES

Refractor de cristal templado con grueso de 4mm para la distribución elíptica del flujo luminoso.



08.8076.68

Elliptical light distribution lens in 4mm thick tempered glass.

FILTRO AZUL
BLUE FILTER



08.8075.64.OD

FILTRO CELESTE
SKY BLUE FILTER



08.8075.65.OD

FILTRO ÁMBAR
AMBER FILTER



08.8075.66.OD

FILTRO ROJO
RED FILTER



08.8075.67.OD

FILTRO anti U.V.
U.V. FILTER



08.8075.98.OD

FILTRO anti I.R.
I.R. FILTER



08.8075.68

SPOTLIGHTS


Find Me, UT Spot, Belvedere, Fort Knox,
Compass Spot, Solid Pure, Pure Spot,
LightLight[®], Wan Spot.


FIND ME

DESIGNED BY JORGE HERRERA

Versión Version	FIND ME 1 TRIM / NO TRIM MONO POINT	FIND ME 1 DOUBLE POINT	FIND ME 1 SUSPENSION	FIND ME 2 MONO POINT
				


Fuentes de Luz
Light Sources



POWER LED
6W
460 lm
2700K/CRI 90
6W
687 lm
3000K/CRI 80


POWER LED
10W
860 lm
2700K/CRI 90
10W
1150 lm
3000K/CRI 80

Colores
Colours

Mono Point

 30 Blanco
30 White

 06 Cromo
06 Chrome

 14 Negro
14 Black



Double Point



Suspension



Colores del Cilindro Apantallador (incluidos)
Screening Cylinder Colours (included)

 Naranja
Orange

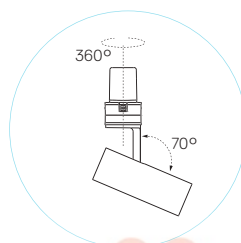
 Violeta
Violet

 Negro
Black



Rotación
Rotation Features

Puede ser rotado 360° y orientado 70°.
Can be rotated 360° and swivelled 70°.



Premios
Awards



reddot design award
winner 2013

Descripción

Familia de proyectores de interiores con una fácil instalación en techos de cartón yeso, formada por uno o dos módulos de iluminación LED.

La luminaria está disponible en las versiones: Mono Point (Trim, No Trim), Double Point y Suspension.

La versión Mono Point se suministra con un marco cilíndrico empotrable sobre el que se instala el módulo de iluminación. Dicho módulo de iluminación puede colocarse en su posición superior, funcionando como un downlight, o en su posición inferior, convirtiéndose en un proyector orientable.

La versión Mono Point 2 se suministra con un marco, aplicable al producto en caso de desear versión Trim, o no instalable en caso de desear versión No Trim.

La versión Double Point consiste en un marco de material termoplástico inyectado en la que se instalan dos módulos de iluminación. Al igual que en el modelo Mono Point, los módulos son orientables.

La versión Suspension es una variante de la versión Mono Point. Su principal característica es su instalación mediante suspensión.

Disponible en los acabados:

Mono Point / Suspension: blanco (30), cromo (06) y negro (14).

Double Point: blanco (30) y negro (14).

Reflectores

La luminaria se suministra en óptica accent lighting.

Fuentes de Luz

LED:

- Power LED, 6W, 500 mA.

- Power LED, 10W, MAX 850 mA.

Unidades de Alimentación

El producto se suministra precableado para ser conectado a una fuente de alimentación remota (no incluida) instalada en un lugar accesible o que pase a través del agujero de empotramiento:

Find Me 1: 50 mm.

Find Me 2: 70 mm.

Accesorios

La versión Suspension dispone de cilindro apantallador en 3 colores: naranja, violeta o negro, intercambiables entre sí, incluidos dentro de la luminaria.

Información Adicional

Sistema de orientación que permite la rotación 360° en el eje vertical y 70° en el eje horizontal.

Índice de protección IP20.

Clase de aislamiento III.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Spotlight family for indoor use, easy to mount on plasterboard ceilings, comprised of one or two LED lighting modules.

The luminaire is available in following versions: Mono Point (Trim, No Trim), Double Point and Suspension.

The Mono Point version is supplied with a recessed cylindrical frame, which houses the lighting module. This lighting module can be placed in its upper position, when it will work like a downlight, or in its lower position, becoming an adjustable spotlight.

The Mono Point 2 version is supplied with a frame, which should be fitted to the product if a Trim version is required, or without, if a No Trim version is required.

The Double Point version is supplied with an injected thermoplastic material frame, which houses two lighting modules. Like the Mono Point version, the modules are directional and the frame enables the product to be concealed, leaving just the end visible.

The Suspension version is a variant of the Mono Point version. Its main characteristic is its suspended mounting.

Available finishes:

Mono Point / Suspension: white (30), chrome (06) and black (14).

Double Point: white (30) and black (14).

Reflectors

The luminaire is designed for Accent lighting.

Light Sources

LED:

- Power LED, 6W, 500 mA.

- Power LED, 10W, MAX 850 mA.

Power Supply

The fitting is supplied prewired ready to be connected to a remote power supply (not included) installed in an accessible place or to be passed through the ceiling cut-out:

Find Me 1: 50 mm.

Find Me 2: 70 mm.

Accessories

The Suspension version has interchangeable screening cylinders in 3 colours: orange, violet or black, incorporated into the light fixture.

Additional Information

Adjustable system that allows a 360° rotation on vertical and 70° on horizontal edge.

IP20 protection grade.

Insulation class III.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

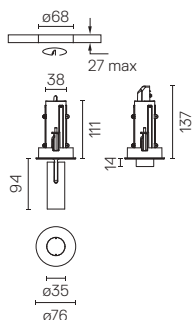
FIND ME

FIND ME 1 TRIM MONO POINT



POWER LED
DC 500 mA
6W
460 lm
2700K/CRI 90

6W
687 lm
3000K/CRI 80

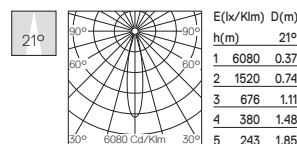


Luminaria empotrada de interiores orientable. Fuente de alimentación remota 500 mA no incluida.

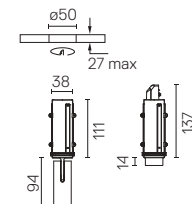
Recessed adjustable luminaire for indoor application. Remote power supply 500 mA not included.

2700K
 09.3702.30A
 09.3702.06A
 09.3702.14A

3000K
 09.3703.30A
 09.3703.06A
 09.3703.14A

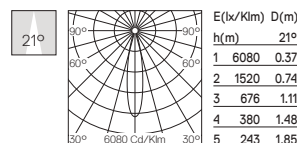


FIND ME 1 NO TRIM MONO POINT



2700K
 09.3701.30A
 09.3701.06A
 09.3701.14A

3000K
 09.3700.30A
 09.3700.06A
 09.3700.14A



Equipos recomendados:
Recommended power supply:

60.8880



LED INCL.
NOT REPLACEABLE

Fuente de alimentación remota para ser instalada en un lugar accesible o que pase a través del agujero de empotramiento.

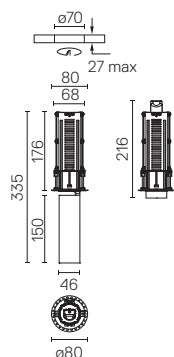
Remote power supply to be installed in an accesible place or to be passed through the ceiling cut-out.

FIND ME 2 MONO POINT



POWER LED
DC MAX 850 mA
10W
860 lm
2700K/CRI 90

10W
1150 lm
3000K/CRI 80

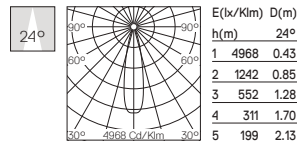


Luminaria empotrada de interiores orientable. Fuente de alimentación remota no incluida.

Recessed adjustable luminaire for indoor application. Remote power supply not included.

2700K
 09.3707.30
 09.3707.06
 09.3707.14

3000K
 09.3708.30
 09.3708.06
 09.3708.14



Equipos recomendados 110-240V:
Recommended power supply 110-240V:

Non Dimmable MC 60.8911
Dim 1-10V/Dim Dali/Push MC 60.8530*
Non Dimmable 700mA 60.8529

* Se debe instalar en un lugar accesible.
Must be installed in an accesible place.



LED INCL.
NOT REPLACEABLE

Find Me 2 Driver current (mA)	CRI 80		CRI 90	
	Luminous flux (lm)	Power (W)	Luminous flux (lm)	Power (W)
850	1150	10	860	10
800	1100	9	820	9
750	1030	9	770	9
700	970	8	730	8

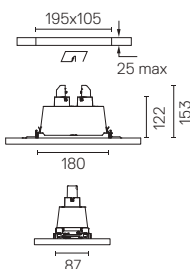
FIND ME

FIND ME 1 DOUBLE POINT



POWER LED
DC 500 mA
2x6W
2x460 lm
2700K/CRI 90

2x6W
2x687 lm
3000K/CRI 80

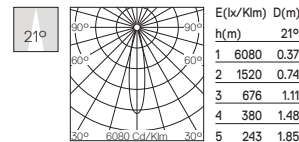


Luminaria empotrada de interiores con dos módulos de iluminación orientables. Fuente de alimentación remota 500 mA no incluida.

Recessed luminaire with two adjustable spots for indoor application. Remote power supply 500 mA not included.

2700K
09.3706.30A
09.3706.14A

3000K
09.3705.30A
09.3705.14A



Equipos recomendados:
Recommended power supply:

60.8880



LED INCL.
NOT REPLACEABLE

FIND ME 1 SUSPENSION



POWER LED
DC 500 mA
6W
460 lm
2700K/CRI 90

6W
687 lm
3000K/CRI 80

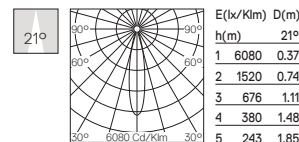


Luminaria para ser instalada a techo mediante suspensión. El producto incluye cilindro apantallador intercambiable de distintos colores (naranja, violeta y negro). Fuente de alimentación remota 500 mA no incluida.

Luminaire for suspended mounting from the ceiling. The product includes interchangeable shield cylinder in different colours (orange, violet and black). Remote power supply 500 mA not included.

2700K
09.3711.30A
09.3711.06A
09.3711.14A

3000K
09.3710.30A
09.3710.06A
09.3710.14A



Equipos recomendados:
Recommended power supply:

60.8654



LED INCL.
NOT REPLACEABLE

Accesorios Accessories

Rosetón de alimentación empotrado.



08.8782.30

Recessed power supply rose.

Rosetón de alimentación de superficie.
Fuente de alimentación incluida.







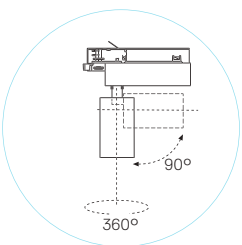


08.8783.30
08.8783.06
08.8783.14

Surface power supply rose.
Power supply included.

UT SPOT

DESIGNED BY FLOS ARCHITECTURAL

Versión Version	UT SPOT TRACK 	UT SPOT CEILING 	
Fuentes de Luz Light Sources	 PHOSPHOR LED 29,3W 3000 lm 3000K/CRI 80 4000K/CRI 80	 PHOSPHOR LED 34,1W 3000 lm 3000K CRI 98	
Colores Colours	<input type="checkbox"/> 30 Blanco 30 White 	<input checked="" type="checkbox"/> 14 Negro 14 Black 	
Rotación Rotation Features	Puede ser rotado 360° y orientado 90°. Can be rotated 360° and swivelled 90°. <div style="text-align: center;">  </div>		

Descripción

Luminaria de interior para ser instalada a carril trifásico o sobre techos, disponible con fuentes de luz de tecnología LED de alta potencia y en versión Dali y No Dali.

El cuerpo óptico de la luminaria así como el contenedor de los equipos de alimentación están fabricados en aluminio inyectado a alta presión, acabados en pintura polvo de color blanco o negro. La luminaria a techo incluye equipo de alimentación remoto. Disponible en los acabados: blanco (30) y negro (14).

Fuentes de Luz

- Phosphor LED, 3000K - CRI 80 - CRI 98 / 4000K - CRI 80.
- LED Array y otras fuentes de luz, bajo pedido.

Unidades de Alimentación

Fuente de alimentación de corriente constante no regulable o regulable Dali 220-240V incluida.
Con potenciómetro incorporado en la versión track.

Información Adicional

Instalable sobre superficies normalmente inflamables. Las luminarias de FLOS a carril trifásico estándar están diseñadas y completamente probadas para los carriles recomendados por FLOS. Su compatibilidad está garantizada con carriles trifásicos fabricados por Nordic Aluminium y Eutrac. Si desea confirmar su compatibilidad con otros carriles, póngase en contacto con FLOS antes de instalarlas.

Las luminarias de FLOS a carril trifásico DALI están diseñadas para el protocolo Pulse DALI de Nordic Aluminium.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

A luminaire for indoor use to be mounted on three-phase track or on ceilings, available in high power LED technology light sources and in DALI and non-DALI versions.

The optical housing of the luminaire, as well as the container of the power supply equipment, is manufactured in high-pressure injected aluminium, with white or black finishes.

Remote driver included in ceiling versions. Available finishes: white (30) and black (14).

Light Sources

- Phosphor LED, 3000K - CRI 80 - CRI 98 / 4000K - CRI 80.
- LED Array and other light sources, on request.

Power Supply

Not dimmable or dimmable Dali 220-240V, constant current, power supply included.
Track version with on-board potentiometer.

Additional Information

Suitable for installation on normally inflammable surfaces. FLOS three-phase lighting track luminaires are designed and fully tested for tracks recommended by FLOS. Compatibility is guaranteed with three-phase track produced by Nordic Aluminium and Eutrac. To verify compatibility with any other track, please contact FLOS before installation.

FLOS three-phase DALI track luminaires are designed for Pulse DALI from Nordic Aluminium.

Standard Compliance and Quality Marks

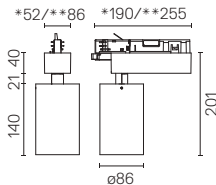
EN60598-1 European Technical Standards and any subsequent additions.

UT SPOT

UT SPOT TRACK



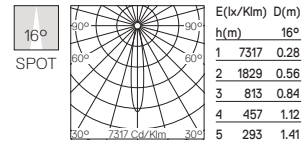
PHOSPHOR LED
29,3W
3000 lm
3000K/CRI 80
4000K/CRI 80



Proyector para ser instalado a carril trifásico con fuente de luz LED. Posibilidad de regulación de la intensidad luminosa con regulador incorporado. Fuente de alimentación 220-240V, 50-60Hz integrada.

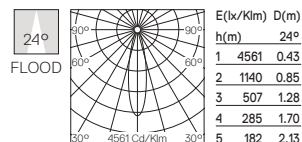
Spotlight to be installed on 3-phase track with LED light source. Regulation option of the light intensity with built-in regulator. 220-240V, 50-60Hz power supply integrated.

- 3000K
- On board dimmer included
 - 09.4240.30
 - 09.4240.14
 - Non Dimmable
 - 09.4280.30
 - 09.4280.14
 - Dali Version
 - 09.4240.30.DA
 - 09.4240.14.DA



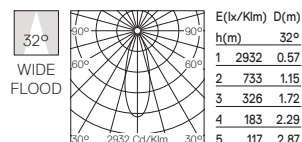
- 4000K
- On board dimmer included
 - 09.4250.30
 - 09.4250.14
 - Non Dimmable
 - 09.4281.30
 - 09.4281.14
 - Dali Version
 - 09.4250.30.DA
 - 09.4250.14.DA

- 3000K
- On board dimmer included
 - 09.4241.30
 - 09.4241.14
 - Non Dimmable
 - 09.4282.30
 - 09.4282.14
 - Dali Version
 - 09.4241.30.DA
 - 09.4241.14.DA



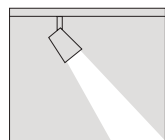
- 4000K
- On board dimmer included
 - 09.4251.30
 - 09.4251.14
 - Non Dimmable
 - 09.4283.30
 - 09.4283.14
 - Dali Version
 - 09.4251.30.DA
 - 09.4251.14.DA

- 3000K
- On board dimmer included
 - 09.4242.30
 - 09.4242.14
 - Non Dimmable
 - 09.4284.30
 - 09.4284.14
 - Dali Version
 - 09.4242.30.DA
 - 09.4242.14.DA



- 4000K
- On board dimmer included
 - 09.4252.30
 - 09.4252.14
 - Non Dimmable
 - 09.4285.30
 - 09.4285.14
 - Dali Version
 - 09.4252.30.DA
 - 09.4252.14.DA

GWT 850°
15-100%
* Dimmable/Non Dim
** Dali Version



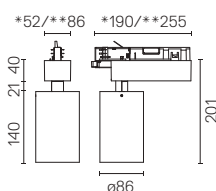
360° 90° CE IP 20 1,36 Kg PENDING

UT SPOT

UT SPOT TRACK



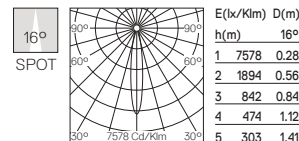
PHOSPHOR LED
34,1W
3000 lm
3000K
CRI 98



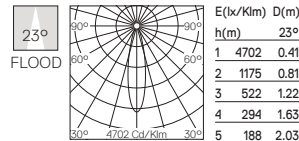
Proyector para ser instalado a carril trifásico con fuente de luz LED. Posibilidad de regulación de la intensidad luminosa con regulador incorporado. Fuente de alimentación 220-240V, 50-60Hz integrada.

Spotlight to be installed on 3-phase track with LED light source. Regulation option of the light intensity with built-in regulator. 220-240V, 50-60Hz power supply integrated.

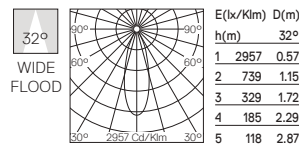
- On board dimmer included
- 09.4243.30
 - 09.4243.14
 - Non Dimmable
 - 09.4286.30
 - 09.4286.14
 - Dali Version
 - 09.4243.30.DA
 - 09.4243.14.DA



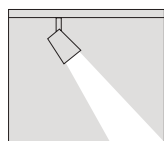
- On board dimmer included
- 09.4244.30
 - 09.4244.14
 - Non Dimmable
 - 09.4287.30
 - 09.4287.14
 - Dali Version
 - 09.4244.30.DA
 - 09.4244.14.DA



- On board dimmer included
- 09.4245.30
 - 09.4245.14
 - Non Dimmable
 - 09.4288.30
 - 09.4288.14
 - Dali Version
 - 09.4245.30.DA
 - 09.4245.14.DA



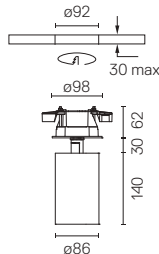
GWT 850°
15-100%
* Dimmable/Non Dim
**Dali Version



UT SPOT CEILING



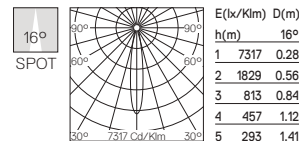
PHOSPHOR LED
29,3W
3000 lm
3000K/CRI 80
4000K/CRI 80



Proyector para ser instalado a techo con fuente de luz LED. Fuente de alimentación remota 220-240V, 50-60Hz incluida.

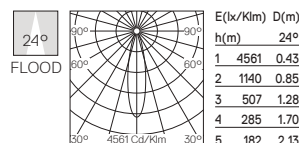
Spotlight to be installed on ceiling with LED light source. 220-240V, 50-60Hz remote power supply included.

- 3000K
- Non Dimmable
 - 09.4260.30
 - 09.4260.14
 - Dali Version
 - 09.4260.30.DA
 - 09.4260.14.DA



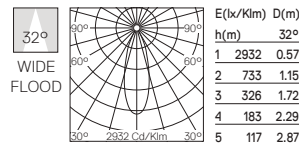
- 4000K
- Non Dimmable
 - 09.4270.30
 - 09.4270.14
 - Dali Version
 - 09.4270.30.DA
 - 09.4270.14.DA

- 3000K
- Non Dimmable
 - 09.4261.30
 - 09.4261.14
 - Dali Version
 - 09.4261.30.DA
 - 09.4261.14.DA

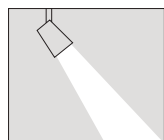


- 4000K
- Non Dimmable
 - 09.4271.30
 - 09.4271.14
 - Dali Version
 - 09.4271.30.DA
 - 09.4271.14.DA

- 3000K
- Non Dimmable
 - 09.4262.30
 - 09.4262.14
 - Dali Version
 - 09.4262.30.DA
 - 09.4262.14.DA



GWT 850°

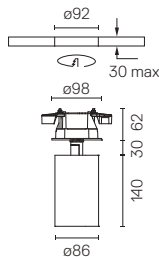


UT SPOT

UT SPOT CEILING



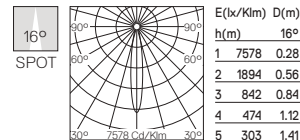
PHOSPHOR LED
34,1W
3000 lm
3000K
CRI 98



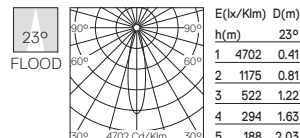
Proyector para ser instalado a techo con fuente de luz LED. Fuente de alimentación remota 220-240V, 50-60Hz incluida.

Spotlight to be installed on ceiling with LED light source. 220-240V, 50-60Hz remote power supply included.

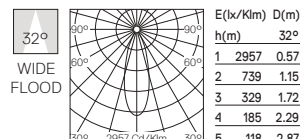
Non Dimmable
09.4263.30
09.4263.14
Dali Version
09.4263.30.DA
09.4263.14.DA



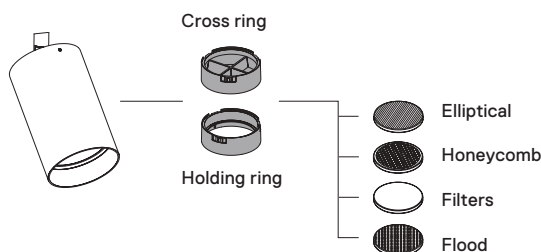
Non Dimmable
09.4264.30
09.4264.14
Dali Version
09.4264.30.DA
09.4264.14.DA



Non Dimmable
09.4265.30
09.4265.14
Dali Version
09.4265.30.DA
09.4265.14.DA




Accesorios Accessories



Aro soporte.
Holding ring.


 08.8410.00

Cruceta de apantallamiento,
realizada en aluminio y acabado
en negro.

 08.8411.00


Black painted aluminium cross
screening cylinder.

Refractor de cristal templado
con grueso de 4mm para la
distribución elíptica del flujo
luminoso.

 08.8163.68


Elliptical light distribution lens in
4mm thick tempered glass.

Lente Flood realizada en cristal
prensado.

 08.8175.68

Flood lens made in press glass.

Elemento apantallador tipo "nido
de abeja", realizado en aluminio y
acabado en negro.

 08.8495.14

"Honeycomb" anti-glare screen:
in thin, black-painted aluminium
sheets.

FILTRO AZUL
BLUE FILTER

 08.8160.64.OD

FILTRO CELESTE
SKY BLUE FILTER

 08.8160.65.OD

FILTRO ÁMBAR
AMBER FILTER

 08.8160.66.OD

FILTRO ROJO
RED FILTER

 08.8160.67.OD

FILTRO anti U.V.
U.V. FILTER

 08.8160.98.OD

FILTRO anti I.R.
I.R. FILTER

 08.8160.68

HOT LIGHT
HOT LIGHT

 08.8160.69

COLD LIGHT
COLD LIGHT

 08.8160.CL

DAYLIGHT
DAYLIGHT








 08.8160.DL

NEODIMIUM
NEODIMIUM

 08.8160.ND

BELVEDERE

DESIGNED BY ANTONIO CITTERIO ASSISTANT TO AN NGUYEN

Versión Version	BELVEDERE	BELVEDERE RECESSED	BELVEDERE	BELVEDERE	BELVEDERE 12V TRACK
Fuentes de Luz Light Sources	 PAR 16 GZ10 MAX 50W - OR - LED PAR 16 4W	 PAR 16 GZ10 MAX 50W - OR - LED PAR 16 4W  QR-CBC 51 GX5.3 MAX 50W - OR - LED QR-CBC 51 7/10W  HI PAR 51 GX10 MAX 35W	 QR-CBC 51 GX5.3 MAX 50W - OR - LED QR-CBC 51 7/10W	 HI PAR 51 GX10 20/35W	 QR-CBC 51 GX5.3 MAX 50W - OR - LED QR-CBC 51 7/10W

Colores
Colours

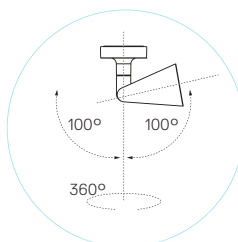
30 Blanco/RAL 9001
30 White

05 Aluminio Pulido
05 Polished Aluminium



Rotación
Rotation Features

Puede ser orientado 100° y rotado 360°.
Can be swivelled 100° and rotated 360°.



BELVEDERE

Descripción

Proyector para ser instalado a techo o a carril trifásico. Para lámparas halógenas de baja tensión y de descarga. Cuerpo realizado en aleación aluminio inyectado a presión, con acabado pulido a mano, protegidos por pintura líquida transparente o barniz en polvo de color blanco o negro opaco. Adaptador trifásico incluido para la versión a carril. El cilindro de PPS siempre va incorporado. Disponible en los acabados: blanco (30) y aluminio pulido (05).

Fuentes de Luz

Halógenas:

- PAR 16, max 50W. (Es posible hacer un retrofit con lámparas LED convencionales).
- QR-CBC 51, max 50W. (Es posible hacer un retrofit con lámparas LED convencionales).
- * Retrofit recomendado solo con lámparas de FLOS.

De descarga:

- HI PAR 51, 20/35W.

Unidades de Alimentación

Los dispositivos para la alimentación de las fuentes de luz están integrados en el cuerpo principal del proyector. Para las aplicaciones en carril trifásico, la lámpara cuenta con disco de selección giratorio, hacia la derecha o hacia la izquierda, que permite seleccionar la línea a la cual conectar eléctricamente el proyector. Palanca de desbloqueo que permite la introducción del adaptador.

Accesorios

- cruceta de apantallamiento.
- accesorio antideslumbramiento "honeycomb".
- filtros cromáticos.

Información Adicional

Posibilidad de rotación a 360° en el eje vertical, + 0° - 100° de orientación horizontal. Índice de protección IP20. Clase de aislamiento I, III, según las versiones. Instalable sobre superficies normalmente inflamables. Las luminarias de FLOS a carril trifásico estándar están diseñadas y completamente probadas para los carriles recomendados por FLOS. Su compatibilidad está garantizada con carriles trifásicos fabricados por Nordic Aluminium y Eutrac. Si desea confirmar su compatibilidad con otros carriles, póngase en contacto con FLOS antes de instalarlas.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Luminaire for ceiling or three-phase electric track installation. For very low voltage halogen lamps and discharge lamps. Die cast aluminium alloy body with hand-polished finish and protected with transparent liquid paint, or powder-coated white or matt black. Thermoplastic three-phase adapter. PPS cylinder is always incorporated. Available finishes: white (30) and polished aluminium (05).

Light Sources

Halogen:

- PAR 16, max 50W. (Retrofit possible with conventional LED lamps).
- QR-CBC 51, max 50W. (Retrofit possible with conventional LED lamps).
- * Retrofit recommended only with FLOS lamps.

Discharge:

- HI PAR 51, 20/35W.

Power Supply

Power units built into the main body of the luminaire. For three-phase track applications, disc with clockwise and anti-clockwise rotation for spotlight selection. Release lever to insert adapter.

Accessories

- screening cylinder.
- anti-glare grid in aluminium cells.
- chromatic filters.

Additional Information

0° - 360° vertical rotation, + 0° - 100° horizontal adjustment. IP20 protection grade. Insulation class I, III depending on the versions. Suitable for installation on normally inflammable surfaces. FLOS three-phase lighting track luminaires are designed and fully tested for tracks recommended by FLOS. Compatibility is guaranteed with three-phase track produced by Nordic Aluminium and Eutrac. To verify compatibility with any other track, please contact FLOS before installation.

Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

BELVEDERE

BELVEDERE TRACK

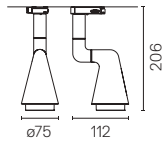


PAR 16
GZ10
MAX 50W

- OR -



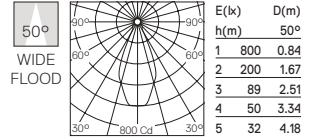
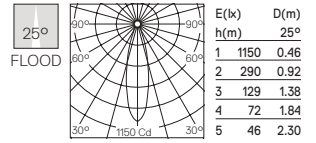
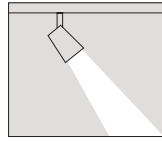
LED
PAR 16
GZ10
4W



Proyector para ser instalado a carril trifásico. Alimentación directa a red. Adaptador universal integrado.

03.8701.30
03.8701.05

Spotlight with main voltage source to be installed on 3-phase track. Universal adapter integrated.



BELVEDERE CEILING

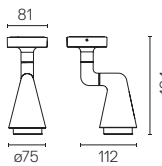


PAR 16
GZ10
MAX 50W

- OR -



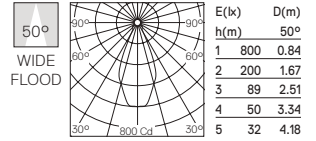
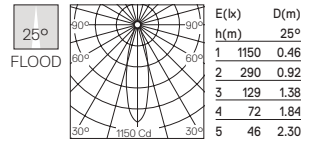
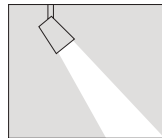
LED
PAR 16
GZ10
4W



Proyector para ser instalado a techo/pared. Alimentación directa a red.

03.8705.30
03.8705.05

Spotlight with main voltage source to be installed on ceiling/wall.



BELVEDERE CEILING RECESSED

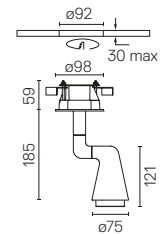


PAR 16
GZ10
MAX 50W

- OR -



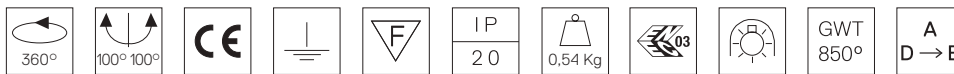
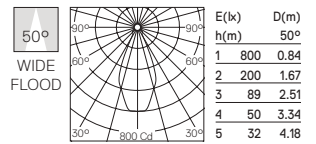
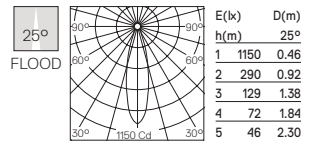
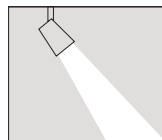
LED
PAR 16
GZ10
4W



Proyector directo a red para ser instalado a techo.

03.8711.30
03.8711.05

Spotlight with main source to be installed recessed on ceiling.



BELVEDERE

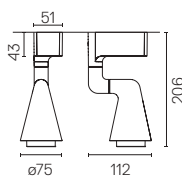
BELVEDERE TRACK




QR-CBC 51
 GX5.3
 MAX 50W

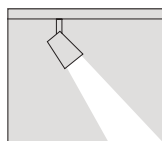
- OR -




LED
QR-CBC 51
 GX5.3
 7/10W

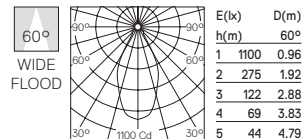
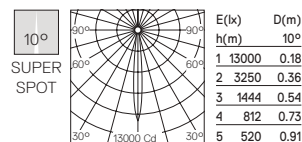


Proyector para ser instalado a carril trifásico. Transformador electrónico dimable 220/240V – 12V, 50/60Hz “leading and trailing edge” integrado.

Spotlight to be installed on 3-phase track. Electronic transformer 220/240V – 12V, 50/60Hz dimmable “leading and trailing edge” integrated.



 03.8700.30
 03.8700.05



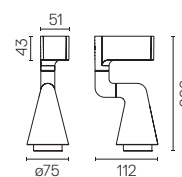
BELVEDERE CEILING




QR-CBC 51
 GX5.3
 MAX 50W

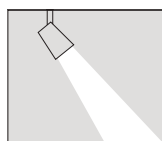
- OR -




LED
QR-CBC 51
 GX5.3
 7/10W

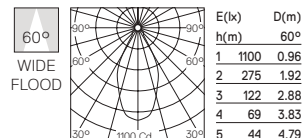
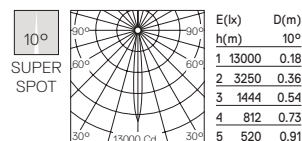


Proyector para ser instalado a techo/pared. Transformador electrónico dimable 220/240V – 12V, 50/60Hz “leading and trailing edge” integrado.

Spotlight to be installed on ceiling/wall. Electronic transformer 220/240V – 12V, 50/60Hz dimmable “leading and trailing edge” integrated.



 03.8704.30
 03.8704.05



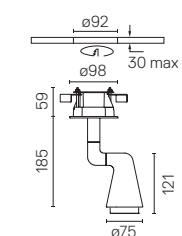
BELVEDERE CEILING RECESSED




QR-CBC 51
 GX5.3
 MAX 50W

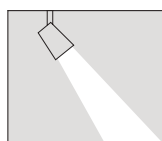
- OR -




LED
QR-CBC 51
 GX5.3
 7/10W

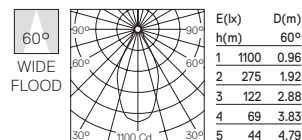
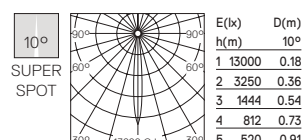


Proyector para ser instalado empotrado a techo. Transformador remoto no incluido.

Spotlight to be installed recessed on ceiling. Remote transformer not included.



 03.8708.30
 03.8708.05



BELVEDERE

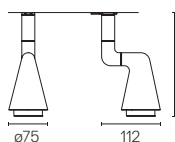
BELVEDERE 12V TRACK



QR-CBC 51
GX5.3
MAX 50W

- OR -

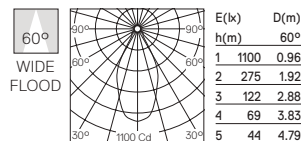
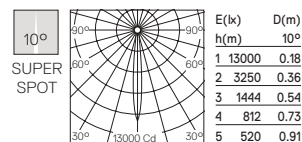
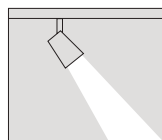
LED
QR-CBC 51
GX5.3
7/10W



Proyector para ser instalado a carril de 12V. Adaptador para carril integrado.

03.8709.30
03.8709.05

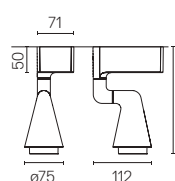
Spotlight to be installed on 12V track. Track adapter integrated.



BELVEDERE TRACK



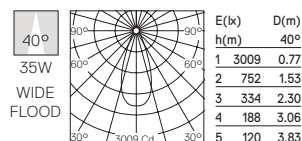
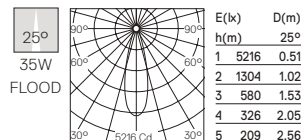
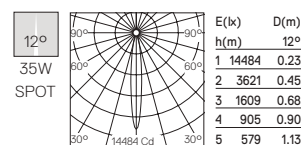
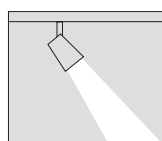
HI PAR 51
GX10
20/35W



Proyector para ser instalado a carril trifásico. Balasto electrónico integrado 220/240V, 50/60Hz.

20W
03.8702.30A
03.8702.05A

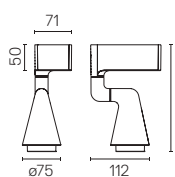
Spotlight to be installed on 3-phase track. Electronic control gear 220/240V, 50/60Hz integrated.



BELVEDERE CEILING



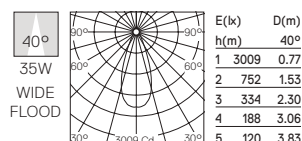
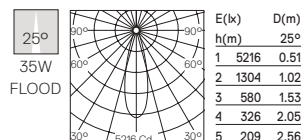
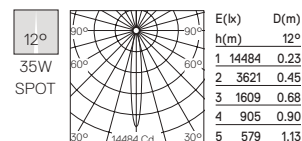
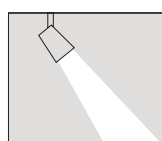
HI PAR 51
GX10
20/35W



Proyector para ser instalado a techo/pared. Alimentación directa a red.

20W
03.8706.30A
03.8706.05A

Spotlight with main voltage source to be installed on ceiling/wall.

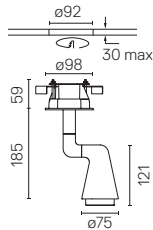


BELVEDERE

BELVEDERE CEILING RECESSED



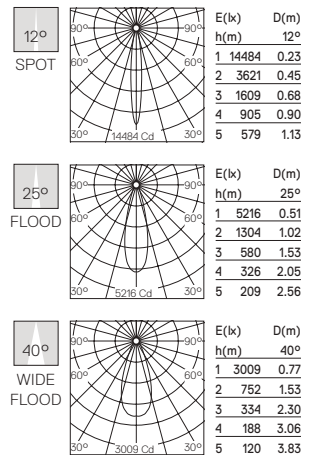
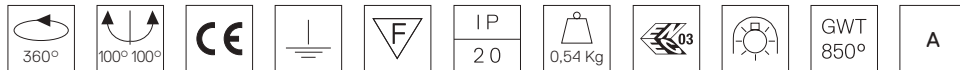
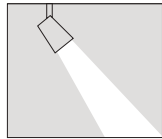
HI PAR 51
GX10
MAX 35W



Proyector para ser instalado empotrado a techo. Balasto electrónico remoto no incluido.

03.8710.30A
03.8710.05A

Spotlight to be installed recessed on ceiling. Remote electronic control gear not included.



Accesorios

Con el fin de aumentar las prestaciones de la familia Belvedere se encuentran disponibles toda una gama de accesorios entre los que se encuentran:

- Elementos de apantallamiento.
- Filtros cromáticos de cristal dichroico de 3mm de espesor. Para la incorporación de todos estos accesorios es necesario utilizar el aro soporte. Excepto en el accesorio de apantallamiento con cruceta que viene incorporado en el accesorio.

Además el aro permite hacer combinaciones de filtros y elementos de apantallamiento de la siguiente forma:

- Filtro + Filtro.
- Filtro + Elemento de apantallamiento (Honeycomb).

Bajo pedido para las versiones HI PAR 51.

Accessories

A full range of accessories are available to increase the possibilities of the Belvedere, including:

- Screening elements.
- Colour filters in 3mm thick dichroic material. The holding ring must be used always with these accessories. Except the thermoplastic screening cylinder which has the ring included.

The ring allows doing combinations of filters and screening element in the following way:

- Filter + Filter.
- Filter + Screening element (Honeycomb).

On request for HI PAR 51 versions.

Cilindro de apantallamiento con cruceta realizado en termoplástico negro.



08.8185.14

Black thermoplastic screening cylinder.

Rejilla anti-deslumbramiento realizada con celdas de aluminio tipo "Honeycomb".



08.8182.14

"Honeycomb" anti-glare grid made of aluminium cells.

FILTRO AZUL
BLUE FILTER



08.8230.64.OD

FILTRO CELESTE
SKY BLUE FILTER



08.8230.65.OD

FILTRO ÁMBAR
AMBER FILTER



08.8230.66.OD

FILTRO ROJO
RED FILTER



08.8230.67.OD

FILTRO anti U.V.
U.V. FILTER



08.8230.98.OD

HOT LIGHT
HOT LIGHT



08.8230.69

COLD LIGHT
COLD LIGHT



08.8230.CL

DAYLIGHT
DAYLIGHT



08.8230.DL





NEODIMIUM
NEODIMIUM






08.8230.ND

FORT KNOX

DESIGNED BY PHILIPPE STARCK

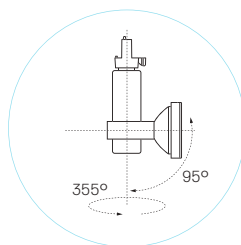
Versión Version	FORT KNOX BASIC	FORT KNOX 1		FORT KNOX 1 FLOODLIGHT	FORT KNOX 2	
	  	  	  	 	 	 
Fuentes de Luz Light Sources	 QT-14 G9 MAX 40W	 LED ARRAY 10,5W 930 1m 3000K/CRI 80 15W 1340 1m 3000K/CRI 80	 QT-12 GY6.35 MAX 50W  QR-111 G53 MAX 100W - OR - LED QR-111	 QT-12 GY6.35 MAX 50W	 CDM-TC G8.5 35/70W  CDM-R111 GX8.5 35/70W	

Colores Colours	 09, 30 Blanco/RAL 9001 09, 30 White	 50, 05 Aluminio Pulido 50, 05 Polished Aluminium	 30, 14 Negro/RAL 9005 30, 14 Black
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Rotación
Rotation Features

Puede se orientado 95° y rotado 355°.
Can be swivelled 95° and rotated 355°.



FORT KNOX

Descripción

Proyector para ser instalado a techo o a carril trifásico. Para lámparas LED, halógenas de baja tensión, directas a red y de descarga. Portalámparas cerámico o de tecnopolímero autoextinguible, con cables eléctricos unipolares aislados Teflón con doble aislamiento transparente. Cuerpo para la lámpara constituido por un elemento disipador realizado en aluminio, colocado sobre el portalámparas, por un anillo que sostiene los reflectores realizado de material termoplástico de color negro y por un vidrio templado de 4mm de espesor. Cuerpo, tapa de cierre y soporte orientable de la lámpara son de aleación de aluminio inyectado a presión, con acabados pulidos a mano y protegidos por pintura líquida transparente o barniz en polvo de color blanco o negro opaco. Adaptador trifásico incluido para la versión a carril. Disponible en los acabados: blanco (09, 30), aluminio pulido (50, 05) y negro (30, 14).

Fuentes de Luz

LED:

- LED Array, 10,5/15W.

Halógenas:

- QT-14, max 40W.

- QT-12, max 50W.

- QR-111, max 100W. (Es posible hacer un retrofit con lámparas LED convencionales).

* Retrofit recomendado solo con lámparas de FLOS.

De descarga:

- CDM-TC, 35/70W.

- CDM-R111, 35/70W.

Unidades de Alimentación

Los dispositivos para la alimentación de las fuentes de luz están integrados en el cuerpo principal del proyector.

Para las aplicaciones en carril trifásico, la lámpara cuenta con disco de selección giratorio, hacia la derecha o hacia la izquierda, que permite seleccionar la línea a la cual conectar eléctricamente el proyector.

Palanca de desbloqueo que permite la introducción del adaptador.

Accesorios

- lente de distribución elíptica de vidrio templado de 4 mm.
- filtros cromáticos.

Información Adicional

Posibilidad de rotación a 355° en el eje vertical, + 0° - 95° de orientación horizontal.

Índice de protección IP20.

Clase de aislamiento I, II, según las versiones.

Instalable sobre superficies normalmente inflamables.

Las luminarias de FLOS a carril trifásico estándar están diseñadas y completamente probadas para los carriles recomendados por FLOS. Su compatibilidad está garantizada con carriles trifásicos fabricados por Nordic Aluminium y Eutrac. Si desea confirmar su compatibilidad con otros carriles, póngase en contacto con FLOS antes de instalarlas.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Luminaire for ceiling or three-phase electric track installation. For LED lamps, very low voltage halogen lamps, direct mains supply and discharge lamps. Self-extinguishing ceramic or engineering plastic lamp holders, with single-pole, transparent electric wires with double Teflon insulation. Aluminum body, placed above the lamp holder, black thermoplastic and 4mm tempered glass screen-support ring. Die-cast aluminum alloy body, cover and adjustable lamp support, with hand-polished finish and protected with transparent liquid paint, or powder-coated white or matt black. Thermoplastic three-phase adapter. Available finishes: white (09, 30), polished aluminium (50, 05) and black (30, 14).

Light Sources

LED:

- LED Array, 10,5/15W.

Halogen:

- QT-14, max 40W.

- QT-12, max 50W.

- QR-111, max 100W. (Retrofit possible with conventional LED lamps).

* Retrofit recommended only with FLOS lamps.

Discharge:

- CDM-TC, 35/70W.

- CDM-R111, 35/70W.

Power Supply

Power units built into the main body of the luminaire.

For three-phase track applications, disc with clockwise and anti-clockwise rotation for spotlight selection.

Release lever to insert adapter.

Accessories

- 4 mm tempered glass elliptical distribution lens.
- chromatic filters.

Additional Information

0° - 355° vertical rotation, + 0° - 95° horizontal adjustment.

IP20 protection grade.

Insulation class I, III depending on the versions.

Suitable for installation on normally inflammable surfaces.

FLOS three-phase lighting track luminaires are designed and fully tested for tracks recommended by FLOS. Compatibility is guaranteed with three-phase track produced by Nordic Aluminium and Eutrac. To verify compatibility with any other track, please contact FLOS before installation.

Standard Compliance and Quality Marks

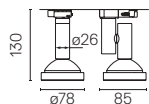
EN60598-1 European Technical Standards and any subsequent additions.

FORT KNOX

FORT KNOX BASIC TRACK

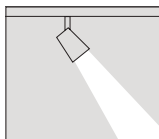
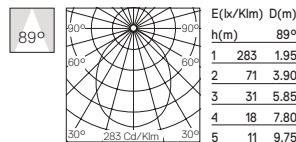


QT-14
G9
MAX 40W



Proyector para ser instalado a carril trifásico. Alimentación directa a red. Adaptador universal integrado.

F2483009
F2483050
F2483030



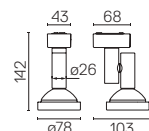
Spotlight with main voltage light source to be installed on 3-phase track. Universal adapter integrated.



FORT KNOX BASIC CEILING

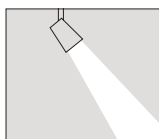
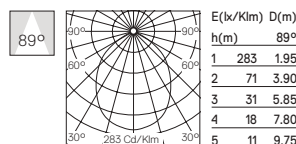


QT-14
G9
MAX 40W



Proyector para ser instalado a techo/pared. Alimentación directa a red.

F2480009
F2480050
F2480030



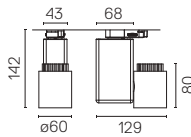
Spotlight with main voltage light source to be installed on ceiling/wall.



FORT KNOX 1 TRACK

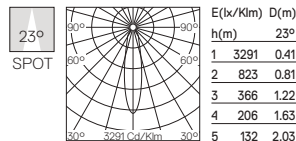


LED ARRAY
10,5W
930 lm
3000K/CRI 80



Proyector para ser instalado a carril trifásico con fuente de luz LED. Fuente de alimentación 220-240V, 50-60Hz integrada.

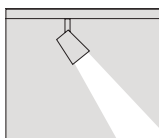
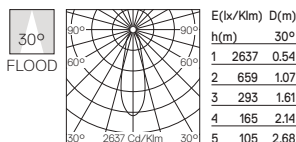
10,5W
Non Dimmable
09.2150.30
09.2150.05
09.2150.14



15W
1340 lm
3000K/CRI 80

Projector for mounting on three-phase rail with LED light source. 220-240V, 50-60Hz power supply included.

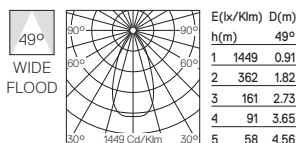
15W
Built-In Potentiometer
09.2160.30
09.2160.05
09.2160.14



LED INCL.
NOT REPLACEABLE



10,5W
Non Dimmable
09.2151.30
09.2151.05
09.2151.14



15W
Built-In Potentiometer
09.2161.30
09.2161.05
09.2161.14

10,5W
Non Dimmable
09.2152.30
09.2152.05
09.2152.14

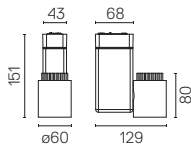
15W
Built-In Potentiometer
09.2162.30
09.2162.05
09.2162.14

FORT KNOX

FORT KNOX 1 CEILING



LED ARRAY
10,5W
930 lm
3000K/CRI 80



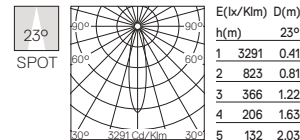
Proyector para ser instalado a techo/pared con fuente de luz LED. Fuente de alimentación 220-240V, 50-60Hz integrada.

Projector for mounting in ceiling/wall with LED light source. 220-240V, 50-60Hz power supply included.

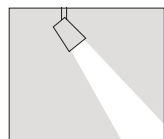
15W
1340 lm
3000K/CRI 80

10,5W
Non Dimmable
09.2155.30
09.2155.05
09.2155.14

15W
Built-In Potentiometer
09.2165.30
09.2165.05
09.2165.14

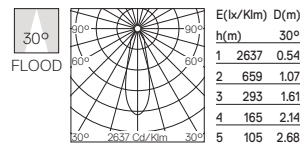


LED INCL.
NOT REPLACEABLE



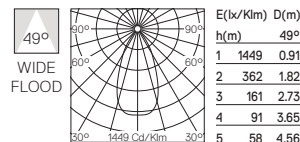
10,5W
Non Dimmable
09.2156.30
09.2156.05
09.2156.14

15W
Built-In Potentiometer
09.2166.30
09.2166.05
09.2166.14



10,5W
Non Dimmable
09.2157.30
09.2157.05
09.2157.14

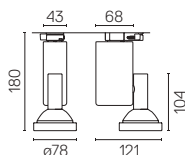
15W
Built-In Potentiometer
09.2167.30
09.2167.05
09.2167.14



FORT KNOX 1 TRACK



QT-12
GY6.35
MAX 50W



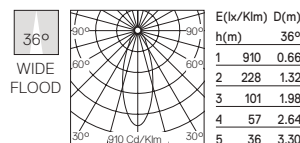
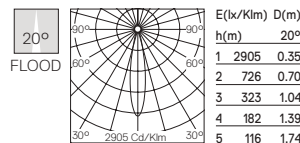
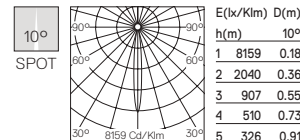
Proyector para ser instalado a carril trifásico. Transformador electrónico integrado 220/240V - 12V, 50/60Hz. La intensidad luminosa puede ser ajustada mediante regulación "leading and trailing edge".

Spotlight to be installed on 3-phase track. Electronic transformer integrated 220/240V - 12V, 50/60Hz. The light intensity may be adjusted by means of "leading and trailing edge" dimmer.

F2433009
F2433050
F2433030

F2434009
F2434050
F2434030

F2435009
F2435050
F2435030

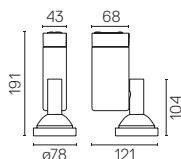


FORT KNOX

FORT KNOX 1 CEILING

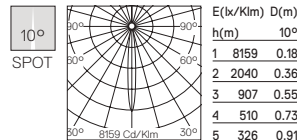


QT-12
GY6.35
MAX 50W



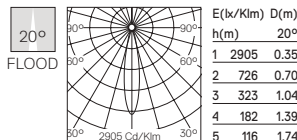
Proyector para ser instalado a techo/pared. Transformador electrónico integrado 220/240V – 12V, 50/60Hz. La intensidad luminosa puede ser ajustada mediante regulación "leading and trailing edge".

F2464009
F2464050
F2464030

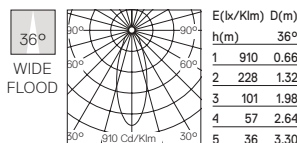


Spotlight to be installed on ceiling/wall. Electronic transformer integrated 220/240V – 12V, 50/60Hz. The light intensity may be adjusted by means of "leading and trailing edge" dimmer.

F2465009
F2465050
F2465030



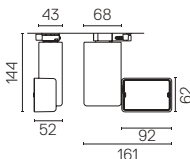
F2466009
F2466050
F2466030



FORT KNOX 1 FLOODLIGHT TRACK

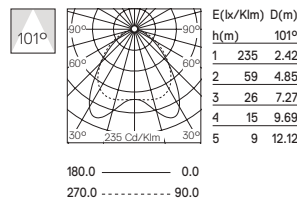


QT-12
GY6.35
MAX 50W



Proyector para ser instalado a carril trifásico. Transformador electrónico integrado 220/240V – 12V, 50/60Hz. La intensidad luminosa puede ser ajustada mediante regulación "leading and trailing edge".

F2438009
F2438050
F2438030



Spotlight to be installed on 3-phase track. Electronic transformer integrated 220/240V – 12V, 50/60Hz. The light intensity may be adjusted by means of "leading and trailing edge" dimmer.

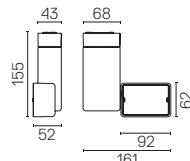
F2439009
F2439050
F2439030



FORT KNOX 1 FLOODLIGHT CEILING

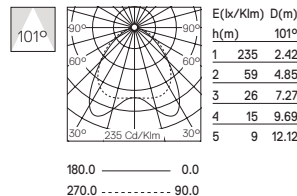


QT-12
GY6.35
MAX 50W



Proyector para ser instalado a techo/pared. Transformador electrónico integrado 220/240V – 12V, 50/60Hz. La intensidad luminosa puede ser ajustada mediante regulación "leading and trailing edge".

F2439009
F2439050
F2439030



Spotlight to be installed on ceiling/wall. Electronic transformer integrated 220/240V – 12V, 50/60Hz. The light intensity may be adjusted by means of "leading and trailing edge" dimmer.



F2439009
F2439050
F2439030

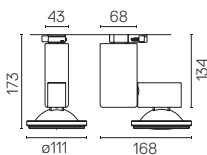


FORT KNOX

FORT KNOX 1 TRACK



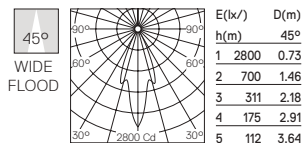
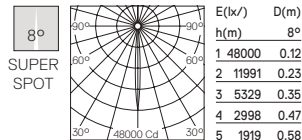
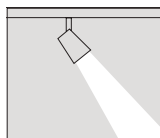

QR-111
G53
MAX 100W
 - OR -

LED QR-111



Proyector para ser instalado a carril trifásico. Transformador electrónico integrado 220/240V – 12V, 50/60Hz. La intensidad luminosa puede ser ajustada mediante regulación "leading and trailing edge" en lámparas halógenas.



F2455009
 F2455050
 F2455030

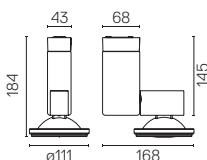
Spotlight to be installed on 3-phase track. Electronic transformer integrated 220/240V – 12V, 50/60Hz. The intensity of the lighting may be adjusted via leading and trail edge modulation in halogen lamps.



FORT KNOX 1 CEILING



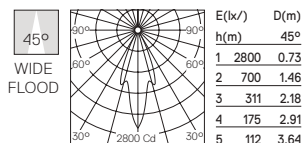
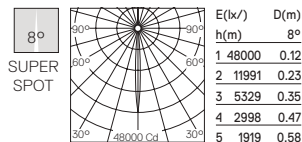
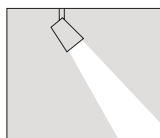

QR-111
G53
MAX 100W
 - OR -

LED QR-111



Proyector para ser instalado a techo/pared. Transformador electrónico integrado 220/240V – 12V, 50/60Hz. La intensidad luminosa puede ser ajustada mediante regulación "leading and trailing edge" en lámparas halógenas.

F2456009
 F2456050
 F2456030

Spotlight to be installed on ceiling/wall. Electronic transformer integrated 220/240V – 12V, 50/60Hz. The intensity of the lighting may be adjusted via leading and trail edge modulation in halogen lamps.

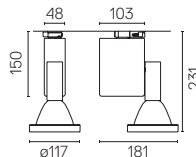


FORT KNOX

FORT KNOX 2 TRACK



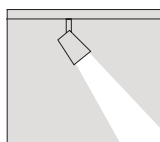
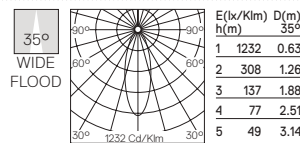
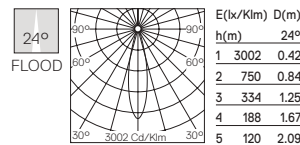
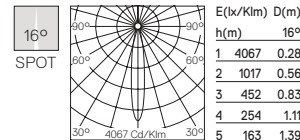
CDM-TC
G8.5
35/70W



Proyector para ser instalado a carril trifásico. Balasto electrónico integrado 220/240V, 50/60Hz.

Spotlight to be installed on 3-phase track. Integrated electronic control gear 220/240V, 50/60Hz.

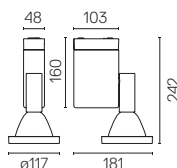
- 35W
- F2443009
 - F2443050
 - F2443030
- 70W
- F2446009
 - F2446050
 - F2446030



FORT KNOX 2 CEILING



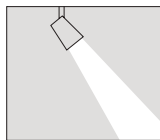
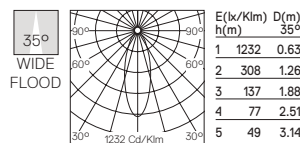
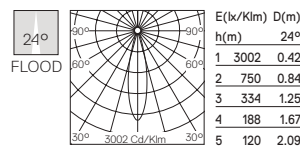
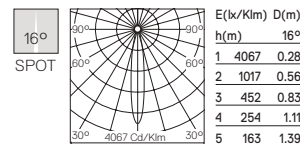
CDM-TC
G8.5
35/70W



Proyector para ser instalado a techo/pared. Balasto electrónico integrado 220/240V, 50/60Hz.

Spotlight to be installed on ceiling/wall. Integrated electronic control gear 220/240V, 50/60Hz.

- 35W
- F2493009
 - F2493050
 - F2493030
- 70W
- F2494009
 - F2494050
 - F2494030

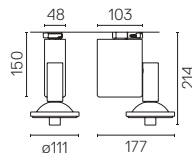


FORT KNOX

FORT KNOX 2 TRACK



CDM-R111
GX8.5
35/70W

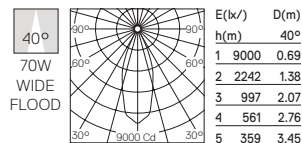
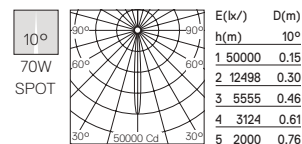
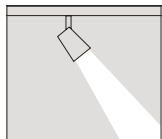


Proyector para ser instalado a carril trifásico. Balasto electrónico integrado 220/240V, 50/60Hz.

35W
 F2449009
 F2449050
 F2449030

Spotlight to be installed on 3-phase track. Integrated electronic control gear 220/240V, 50/60Hz.

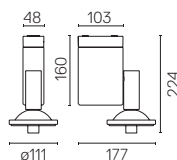
70W
 F2437009
 F2437050
 F2437030



FORT KNOX 2 CEILING



CDM-R111
GX8.5
35/70W

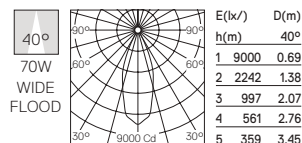
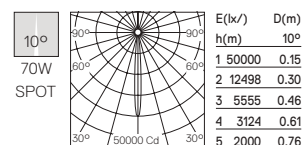
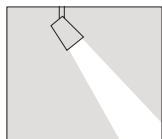


Proyector para ser instalado a techo/pared. Balasto electrónico integrado 220/240V, 50/60Hz.

35W
 F2467009
 F2467050
 F2467030

Spotlight to be installed on ceiling/wall. Integrated electronic control gear 220/240V, 50/60Hz.

70W
 F2468009
 F2468050
 F2468030



FORT KNOX

ACCESORIOS / ACCESSORIES

Accesorios

Esta colección de accesorios ha sido diseñada con objeto de alcanzar unas prestaciones de alto nivel, incluso en las instalaciones más ambiciosas. La gama incluye filtros dicróicos y lentes de distribución elipsoidal.

Filtros

Filtros de color realizados en vidrio templado de 3mm de espesor. (Bajo pedido se pueden suministrar filtros cromáticos de cristal dicróico de 3mm de espesor).

Accessories

This collection of accessories has been designed for more ambitious installations and to upgrade the performance. This range of accessories includes protection screens, color filters and ellipsoidal diffusion lenses.

Filters

Colored filters in 3mm tempered glass (3mm thick coloured filters in dichroic material available on request).

Fort Knox 1: LED Array

Elemento apantallador tipo "nido de abeja", realizado en aluminio y acabado en negro.



08.8502.14

"Honeycomb" anti-glare screen: in thin, black-painted aluminium sheets.

FILTRO AZUL
BLUE FILTER



08.8501.64.OD

FILTRO CELESTE
SKY BLUE FILTER



08.8501.65.OD

FILTRO ÁMBAR
AMBER FILTER



08.8501.66.OD

FILTRO ROJO
RED FILTER



08.8501.67.OD

HOT LIGHT
HOT LIGHT



08.8501.69

COLD LIGHT
COLD LIGHT



08.8501.CL

DAYLIGHT
DAYLIGHT



08.8501.DL

NEODIMIUM
NEODIMIUM



08.8501.ND

FORT KNOX

ACCESORIOS / ACCESSORIES

Fort Knox Basic / Fort Knox 1

Refractor de cristal templado con 4mm de espesor para la distribución elíptica del flujo luminoso.



08.8163.68

4mm thick elliptical lens for light distribution.

FILTRO AZUL
BLUE FILTER



F2460014

FILTRO ÁMBAR
AMBER FILTER



F2460070

FILTRO ROJO
RED FILTER



F2460035

FILTRO anti I.R.
I.R. FILTER



F2461000

Fort Knox 2: CDM-TC

Refractor de cristal templado con 4mm de espesor para la distribución elíptica del flujo luminoso.



08.8164.68

4mm thick elliptical lens for light distribution.

Lente Flood realizada en cristal prensado.



08.8176.68

Flood lens made in press glass.

FILTRO AZUL
BLUE FILTER



08.8161.64.OD

FILTRO CELESTE
SKY BLUE FILTER



08.8161.65.OD

FILTRO ÁMBAR
AMBER FILTER



08.8161.66.OD

FILTRO ROJO
RED FILTER



08.8161.67.OD

FILTRO anti U.V.
U.V. FILTER



08.8161.98.OD

FILTRO anti I.R.
I.R. FILTER



08.8161.68

HOT LIGHT
HOT LIGHT



08.8161.69

COLD LIGHT
COLD LIGHT



08.8161.CL

DAYLIGHT
DAYLIGHT



08.8161.DL























NEODIMIUM
NEODIMIUM



08.8161.ND

COMPASS SPOT

DESIGNED BY FLOS ARCHITECTURAL

Versión Version	MAIN SOURCE	VERTICAL GEAR BOX	HORIZONTAL GEAR BOX	FLOODLIGHT/ WALL-WASHER	FLOODLIGHT/ WALL-WASHER VERTICAL GEAR BOX	FLOODLIGHT/ WALL-WASHER HORIZONTAL GEAR BOX
						
						
Fuentes de Luz Light Sources	 PAR 30S E27 MAX 100W	 QT-12 GY6.35 MAX 100W	 QR-111 G53 MAX 100W - OR - LED QR-111	 QT-DE-12 R7S MAX 300W	 HIT-DE-CRI RX7S 70W	 HIT-DE-CRI RX7S 70W
		 HIT-CRI G12 35/70/150W	 CDM-TC G8.5 20/35/70W			 HIT-CRI G12 150W
		 CDM-R111 GX8.5 35/70W				

**Colores
Colours**

30 Blanco Mate/RAL 9001
30 Matt White

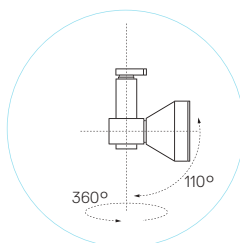
02 Gris/RAL 9006
02 Grey

14 Negro Mate/RAL 9005
14 Matt Black



**Rotación
Rotation Features**

Puede ser orientado 110° y rotado 360°.
Can be swivelled 110° and rotated 360°.



COMPASS SPOT

Descripción

Programa de proyectores de acento y de iluminación general para interiores, con instalación mediante carril trifásico y en pared/techo.

Cuerpo óptico realizado de aleación de aluminio inyectado a presión con acabado pintado con barniz en polvo, 118mm de diámetro, compuesto por un elemento disipador de aluminio, colocado sobre el portalámparas, por un anillo antideslumbramiento realizado de material termoplástico de color negro y por un vidrio de protección templado de 4mm de espesor.

Los dispositivos auxiliares de alimentación están integrados y colocados en un elemento contenedor (vertical u horizontal) realizado de aleación de aluminio inyectado a presión, con acabado pintado con barniz en polvo.

Disponible en los acabados: blanco mate (30), gris (02) y negro mate (14).

Reflectores

Todas las ópticas están realizadas de aluminio superpuro con acabado especular.

Circular simétrico giratorio. Desde Super Spot 6° hasta Flood 48°.

Rectangular para "flood" de 107° y "wall washer".

Fuentes de Luz

Halógenas:

- PAR 30S, max 100W.
- QT-DE-12, max 300W.
- QT-12, max 100W.
- QR-111, max 100W. (Es posible hacer un retrofit con lámparas LED convencionales).

* Retrofit recomendado solo con lámparas de FLOS.

De descarga:

- CDM-TC, 20/35/70W.
- HIT-CRI, 35/70/150W.
- CDM-R111, 35/70W.
- HIT-DE CRI, 70W.

Unidades de Alimentación

Halógenas de muy baja tensión:

- transformador electrónico 230-240V/12V, 20/100W regulable del 10-100%; esta regulación puede realizarse directamente en el proyector utilizando un potenciómetro incorporado, o desde la instalación eléctrica un regulador de intensidad luminosa con "interrupción de fase ascendente (trailing edge)". Un diodo LED de color Azul indica la presencia de la tensión de alimentación en la lámpara.

De descarga (halógenos metálicos):

- unidades de alimentación electrónicas de última generación y reducido tamaño, sin regulación.

Accesorios

- lente de distribución elíptica de vidrio templado de 4mm.
- aletas protectoras orientables.
- cilindro de apantallamiento con cruceta rotacional realizado en termoplástico negro.
- filtros cromáticos.

Información Adicional

Obtener la dirección deseada del haz de luz es más fácil gracias a la escala graduada en el punto de rotación del cuerpo de la lámpara (360°) y a la posibilidad de orientación del cuerpo óptico (110°). En la instalación de pared, la orientación del haz de luz se mantiene gracias a la posibilidad de bloquear el cuerpo óptico y el cuerpo de la lámpara.

Índice de protección IP20.

Clase de aislamiento I.

Las luminarias de FLOS a carril trifásico estándar están diseñadas y completamente probadas para los carriles recomendados por FLOS. Su compatibilidad está garantizada con carriles trifásicos fabricados por Nordic Aluminium y Eutrac. Si desea confirmar su compatibilidad con otros carriles, póngase en contacto con FLOS antes de instalarlas.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Range of indoor spotlights for accent and general lighting, for three-phase track and wall/ceiling installation.

Die-cast aluminum alloy, powder-coated optics compartment, diameter 118mm, composed of an aluminum dissipating element placed above the lamp support, a black thermoplastic screen support ring and 4mm tempered glass cover.

Integrated auxiliary power units for the lamps inside a die-cast aluminum alloy container (vertical or horizontal) with powder-coated finish.

Available finishes: matt white (30), grey (02) and matt black (14).

Reflectors

All super pure aluminum with specular finish.

Circular rotosymmetrical from 6° spot to 48° flood.

107° rectangular flood and wall washer.

Light Sources

Halogen:

- PAR 30S, max 100W.
- QT-DE-12, max 300W.
- QT-12, max 100W.
- QR-111, max 100W. (Retrofit possible with conventional LED lamps).

* Retrofit recommended only with FLOS lamps.

Discharge:

- CDM-TC, 20/35/70W.
- HIT-CRI, 35/70/150W.
- CDM-R111, 35/70W.
- HIT-DE CRI, 70W.

Power Supply

Very low voltage halogen:

- 230-240V/12V, 20/100W electronic transformer, 10-100% adjustment; adjustment either on the luminaire using an incorporated potentiometer, or by installing a trailing edge dimmer. A blue LED diode indicates the power voltage on the luminaire.

Discharge lamps (metal halide):

- compact, next-generation power supply, non-adjustable.

Accessories

- 4mm tempered glass elliptical distribution lens.
- adjustable screening fins.
- anti-glare grid in aluminium cells with black liquid paint finish.
- chromatic filters.

Additional Information

The light is directed by rotating the luminaire body (0° - 360°) and adjusting the reflector (0° - 110°). In the wall installation, fixed lighting by locking the reflector and luminaire body.

IP20 protection grade.

Insulation class I.

FLOS three-phase lighting track luminaires are designed and fully tested for tracks recommended by FLOS. Compatibility is guaranteed with three-phase track produced by Nordic Aluminium and Eutrac. To verify compatibility with any other track, please contact FLOS before installation.

Standard Compliance and Quality Marks

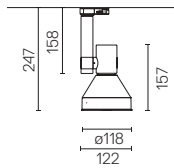
EN60598-1 European Technical Standards and any subsequent additions.

COMPASS SPOT

COMPASS SPOT TRACK



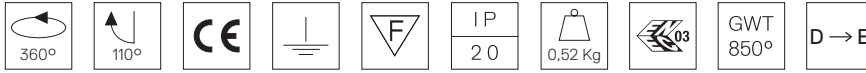
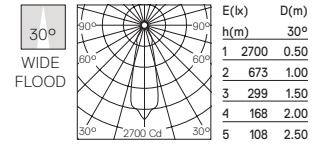
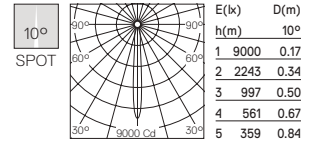
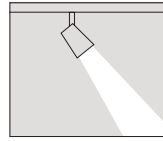
PAR 30S
E27
MAX 100W



Proyector para ser instalado a carril trifásico. Alimentación directa a red. Adaptador universal integrado.

03.3603.30
03.3603.02
03.3603.14

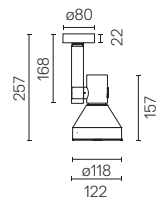
Spotlight with main voltage light source to be installed on 3-phase track. Universal adapter integrated.



COMPASS SPOT CEILING



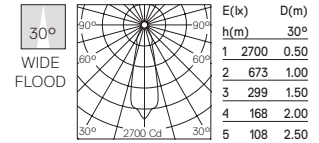
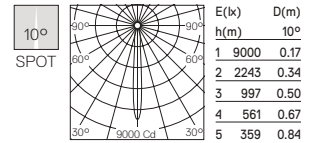
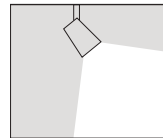
PAR 30S
E27
MAX 100W



Proyector para ser instalado a techo. Alimentación directa a red.

03.3303.30
03.3303.02
03.3303.14

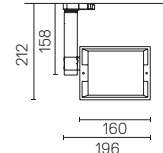
Spotlight with main voltage light source to be installed on ceiling.



COMPASS SPOT FOR TRACK FLOODLIGHT



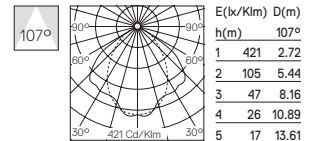
QT-DE-12
R7S
MAX 300W



Proyector para ser instalado a carril trifásico. Alimentación directa a red. Adaptador universal integrado.

03.3700.30
03.3700.02
03.3700.14

Spotlight with main voltage light source to be installed on 3-phase track. Universal adapter integrated.



180.0 ——— 0.0
270.0 - - - - - 90.0

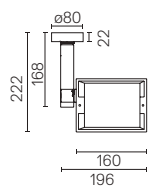


COMPASS SPOT

COMPASS SPOT FOR CEILING FLOODLIGHT



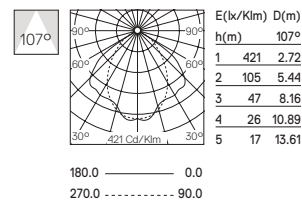
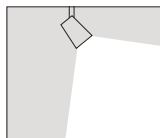
QT-DE-12
R7S
MAX 300W



Proyector para ser instalado a techo.
Alimentación directa a red.

03.3702.30
03.3702.02
03.3702.14

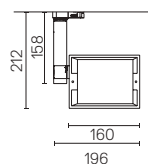
Spotlight with main voltage light source to be installed on ceiling.



COMPASS SPOT FOR TRACK WALL-WASHER



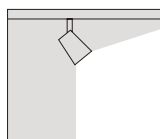
QT-DE-12
R7S
MAX 300W



Proyector para ser instalado a carril trifásico.
Alimentación directa a red. Adaptador universal integrado.

03.3710.30
03.3710.02
03.3710.14

Spotlight with main voltage light source to be installed on 3-phase track. Universal adapter integrated.



Iluminancias medias basculando 30° Em (lx)
Mean illuminances tilted 30° Em (lx)
Criterios: Número de luminarias n>5 sin reflexiones indirectas sin zonas oscuras
Criteria: Number of luminaires n>5 without indirect reflexions without dark zones
Altura del techo 3 m
Heigh of the ceiling 3 m
Distancia a la pared (m)
Distance to the wall (m)

1,75	1,75	2,25	2,25
------	------	------	------

Interdistancia entre luminarias (m)
Distance between the luminaires (m)

1,75	2,25	2,25	3,00
------	------	------	------

Iluminancia QT-DE-12 150W (lx)
Illuminance QT-DE-12 150W (lx)

146	114	92	70
-----	-----	----	----

Iluminancia QT-DE-12 200W (lx)
Illuminance QT-DE-12 200W (lx)

212	166	134	102
-----	-----	-----	-----

Iluminancia QT-DE-12 300W (lx)
Illuminance QT-DE-12 300W (lx)

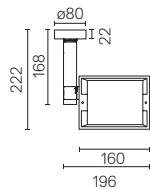
345	270	218	165
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COMPASS SPOT

COMPASS SPOT FOR CEILING WALL-WASHER



QT-DE-12
R7S
MAX 300W



Proyector para ser instalado a techo.
Alimentación directa a red.

03.3713.30
03.3713.02
03.3713.14

Spotlight with main voltage light source to be installed on ceiling.

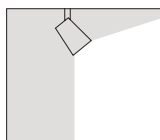
Iluminancias medias basculando 30° Em (lx)
Mean illuminances tilted 30° Em (lx)
Criterios: Número de luminarias n>5 sin reflexiones indirectas sin zonas oscuras
Criteria: Number of luminaires n>5 without indirect reflexions without dark zones
Altura del techo 3 m
Height of the ceiling 3 m
Distancia a la pared (m)
Distance to the wall (m)
1,75 1,75 2,25 2,25

Interdistancia entre luminarias (m)
Distance between the luminaires (m)
1,75 2,25 2,25 3,00

Iluminancia QT-DE-12 150W (lx)
Illuminance QT-DE-12 150W (lx)
146 114 92 70

Iluminancia QT-DE-12 200W (lx)
Illuminance QT-DE-12 200W (lx)
212 166 134 102

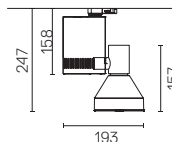
Iluminancia QT-DE-12 300W (lx)
Illuminance QT-DE-12 300W (lx)
345 270 218 165



COMPASS SPOT FOR TRACK VERTICAL GEAR BOX



QT-12
GY6.35
MAX 100W



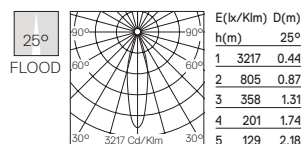
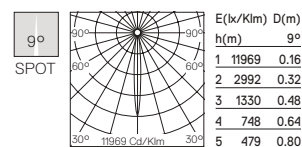
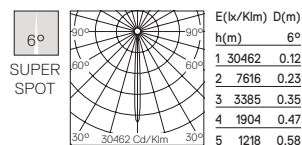
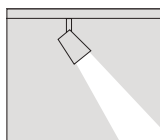
Proyector para ser instalado a carril trifásico. Transformador electrónico integrado 220/240V – 12V, 50/60Hz. Regulación desde 10% al 100% de la intensidad luminosa mediante potenciómetro incorporado. Indicador de tensión tipo LED.

03.3608.30
03.3608.02
03.3608.14

Spotlight to be installed on 3-phase track. Electronic transformer integrated 220/240V – 12V, 50/60Hz. Dimmerable from 10% to 100% of full output using built-in potentiometer. LED power supply indicator.

03.3606.30
03.3606.02
03.3606.14

03.3607.30
03.3607.02
03.3607.14

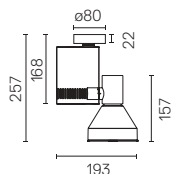


COMPASS SPOT

COMPASS SPOT FOR CEILING VERTICAL GEAR BOX



QT-12
GY6.35
MAX 100W

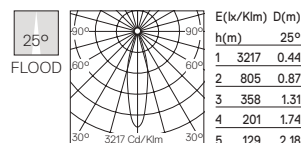
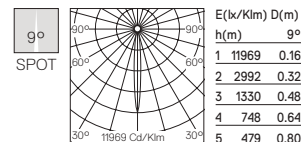
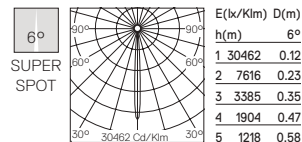
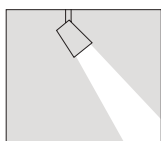


Proyector para ser instalado a techo. Transformador electrónico integrado 220/240V – 12V, 50/60Hz. Regulación desde 10% al 100% de la intensidad luminosa mediante potenciómetro incorporado. Indicador de tensión tipo LED.

03.3308.30
03.3308.02
03.3308.14

Spotlight to be installed on ceiling. Electronic transformer integrated 220/240V – 12V, 50/60Hz. Dimmerable from 10% to 100% of full output using built-in potentiometer. LED power supply indicator.

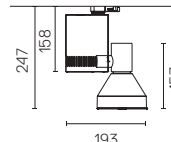
03.3306.30
03.3306.02
03.3306.14



COMPASS SPOT FOR TRACK VERTICAL GEAR BOX



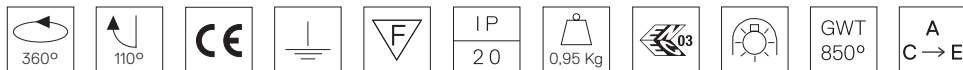
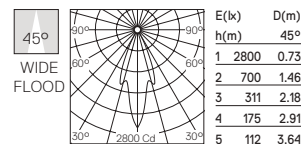
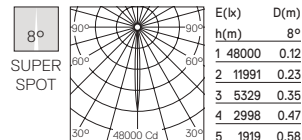
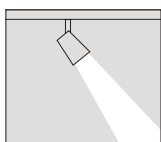
QR-111
G53
MAX 100W
- OR -
LED QR-111



Proyector para ser instalado a carril trifásico. Transformador electrónico integrado 220/240V – 12V, 50/60Hz. Regulación desde 10% al 100% de la intensidad luminosa mediante potenciómetro incorporado. Indicador de tensión tipo LED.

03.3605.30
03.3605.02
03.3605.14



Spotlight to be installed on 3-phase track. Electronic transformer integrated 220/240V – 12V, 50/60Hz. Dimmerable from 10% to 100% of full output using built-in potentiometer. LED power supply indicator.

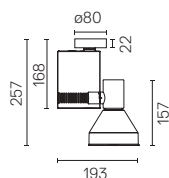


COMPASS SPOT

COMPASS SPOT FOR CEILING VERTICAL GEAR BOX



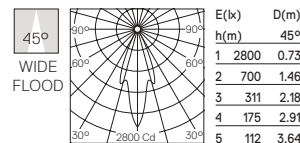
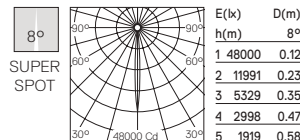
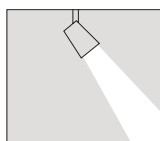

QR-111
G53
MAX 100W
 - OR -

LED QR-111



Proyector para ser instalado a techo. Transformador electrónico integrado 220/240V – 12V, 50/60Hz. Regulación desde 10% al 100% de la intensidad luminosa mediante potenciómetro incorporado. Indicador de tensión tipo LED.


03.3305.30
 03.3305.02
 03.3305.14

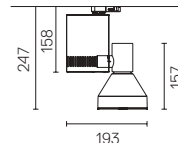
Spotlight to be installed on ceiling. Electronic transformer integrated 220/240V – 12V, 50/60Hz. Dimmerable from 10% to 100% of full output using built-in potentiometer. LED power supply indicator.



COMPASS SPOT FOR TRACK VERTICAL GEAR BOX




HIT-CRI
G12
35/70W



Proyector para ser instalado a carril trifásico. Balasto electrónico no dimable integrado 220/240V, 50/60Hz.

Spotlight to be installed on 3-phase track. Non dimmable integrated electronic control gear 220/240V, 50/60Hz.

35W
 03.3620.30
 03.3620.02
 03.3620.14

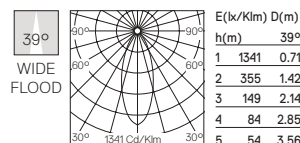
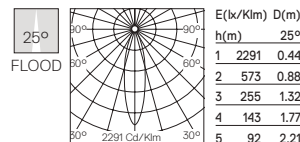
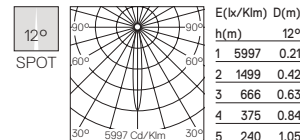
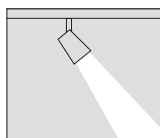
70W
 03.3621.30
 03.3621.02
 03.3621.14

35W
 03.3622.30
 03.3622.02
 03.3622.14

70W
 03.3623.30
 03.3623.02
 03.3623.14

35W
 03.3624.30
 03.3624.02
 03.3624.14

70W
 03.3625.30
 03.3625.02
 03.3625.14

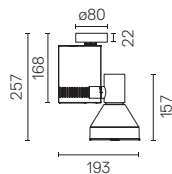


COMPASS SPOT

COMPASS SPOT FOR CEILING VERTICAL GEAR BOX



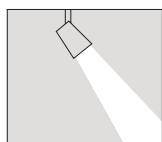
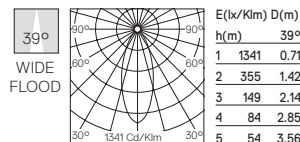
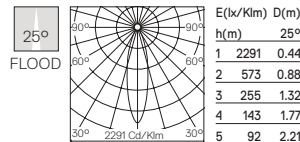
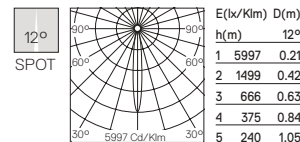
HIT-CRI
G12
35/70W



Proyector para ser instalado a techo. Balasto electrónico no dimable integrado 220/240V, 50/60Hz.

Spotlight to be installed on ceiling. Non dimmable integrated electronic control gear 220/240V, 50/60Hz.

- 35W**
- 03.3320.30
 - 03.3320.02
 - 03.3320.14
- 70W**
- 03.3321.30
 - 03.3321.02
 - 03.3321.14



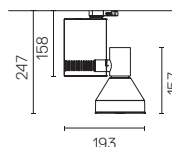
- 35W**
- 03.3322.30
 - 03.3322.02
 - 03.3322.14
- 70W**
- 03.3323.30
 - 03.3323.02
 - 03.3323.14

- 35W**
- 03.3324.30
 - 03.3324.02
 - 03.3324.14
- 70W**
- 03.3325.30
 - 03.3325.02
 - 03.3325.14

COMPASS SPOT FOR TRACK VERTICAL GEAR BOX



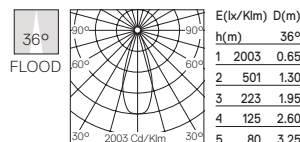
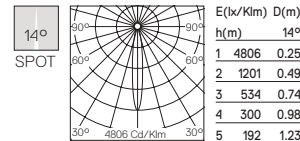
CDM-TC
G8.5
20/35/70W



Proyector para ser instalado a carril trifásico. Balasto electrónico no dimable integrado 220/240V, 50/60Hz.

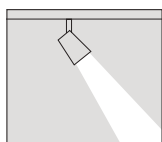
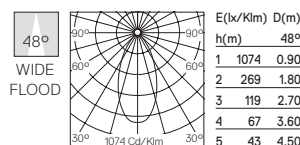
Spotlight to be installed on 3-phase track. Non dimmable integrated electronic control gear 220/240V, 50/60Hz.

- 20W**
- 03.3610.30
 - 03.3610.02
 - 03.3610.14
- 35W**
- 03.3611.30
 - 03.3611.02
 - 03.3611.14
- 70W**
- 03.3612.30
 - 03.3612.02
 - 03.3612.14



- 20W**
- 03.3613.30
 - 03.3613.02
 - 03.3613.14
- 35W**
- 03.3614.30
 - 03.3614.02
 - 03.3614.14
- 70W**
- 03.3615.30
 - 03.3615.02
 - 03.3615.14

- 20W**
- 03.3616.30
 - 03.3616.02
 - 03.3616.14
- 35W**
- 03.3617.30
 - 03.3617.02
 - 03.3617.14
- 70W**
- 03.3618.30
 - 03.3618.02
 - 03.3618.14

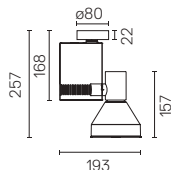


COMPASS SPOT

COMPASS SPOT FOR CEILING VERTICAL GEAR BOX



CDM-TC
G8.5
20/35/70W



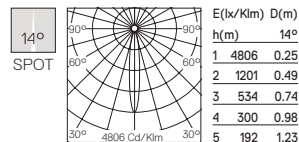
Proyector para ser instalado a techo. Balasto electrónico no dimable integrado 220/240V, 50/60Hz.

Spotlight to be installed on ceiling. Non dimmable integrated electronic control gear 220/240V, 50/60Hz.

- 20W**
- 03.3310.30
 - 03.3310.02
 - 03.3310.14

- 35W**
- 03.3311.30
 - 03.3311.02
 - 03.3311.14

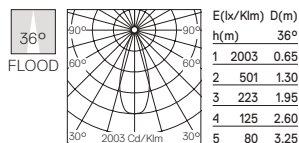
- 70W**
- 03.3312.30
 - 03.3312.02
 - 03.3312.14



- 20W**
- 03.3313.30
 - 03.3313.02
 - 03.3313.14

- 35W**
- 03.3314.30
 - 03.3314.02
 - 03.3314.14

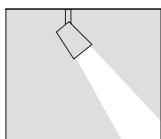
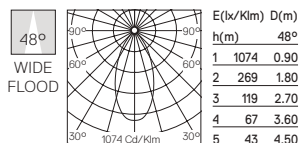
- 70W**
- 03.3315.30
 - 03.3315.02
 - 03.3315.14



- 20W**
- 03.3316.30
 - 03.3316.02
 - 03.3316.14

- 35W**
- 03.3317.30
 - 03.3317.02
 - 03.3317.14

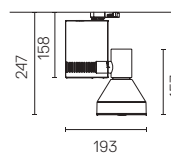
- 70W**
- 03.3318.30
 - 03.3318.02
 - 03.3318.14



COMPASS SPOT FOR TRACK VERTICAL GEAR BOX



CDM-R111
GX8.5
35/70W

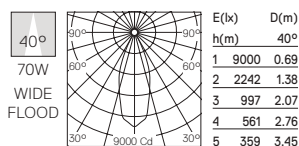
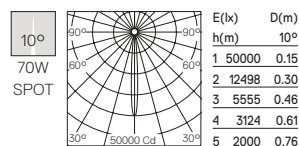


Proyector para ser instalado a carril trifásico. Balasto electrónico no dimable integrado 220/240V, 50/60Hz.

Spotlight to be installed on 3-phase track. Non dimmable integrated electronic control gear 220/240V, 50/60Hz.

- 35W**
- 03.3626.30
 - 03.3626.02
 - 03.3626.14

- 70W**
- 03.3627.30
 - 03.3627.02
 - 03.3627.14

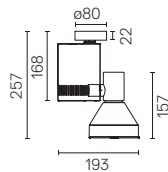


COMPASS SPOT

COMPASS SPOT FOR CEILING VERTICAL GEAR BOX



CDM-R111
GX8.5
35/70W

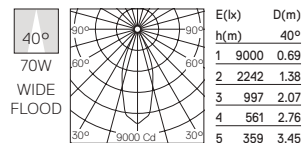
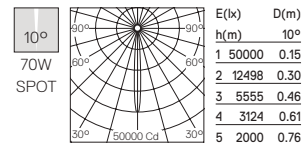
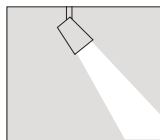


Proyector para ser instalado a techo. Balasto electrónico no dimable integrado 220/240V, 50/60Hz.

35W
 03.3326.30
 03.3326.02
 03.3326.14

Spotlight to be installed on ceiling. Non dimmable integrated electronic control gear 220/240V, 50/60Hz.

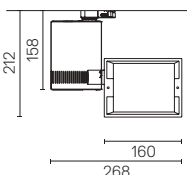
70W
 03.3327.30
 03.3327.02
 03.3327.14



COMPASS SPOT FOR TRACK FLOODLIGHT VERTICAL GEAR BOX



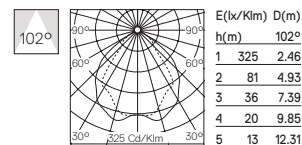
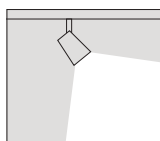
HIT-DE-CRI
RX7S
70W



Proyector para ser instalado a carril trifásico. Balasto electrónico no dimable integrado 220/240V, 50/60Hz.

03.3701.30
 03.3701.02
 03.3701.14

Spotlight to be installed on 3-phase track. Non dimmable integrated electronic control gear 220/240V, 50/60Hz.



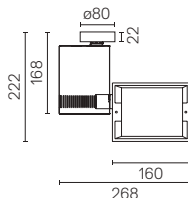
180.0 ————— 0.0
270.0 - - - - - 90.0



COMPASS SPOT FOR CEILING FLOODLIGHT VERTICAL GEAR BOX



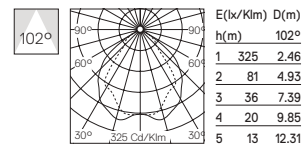
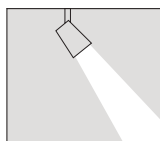
HIT-DE-CRI
RX7S
70W



Proyector para ser instalado a techo. Balasto electrónico no dimable integrado 220/240V, 50/60Hz.

03.3703.30
 03.3703.02
 03.3703.14

Spotlight to be installed on ceiling. Non dimmable integrated electronic control gear 220/240V, 50/60Hz.



180.0 ————— 0.0
270.0 - - - - - 90.0

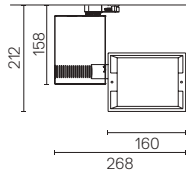


COMPASS SPOT

COMPASS SPOT FOR TRACK WALL-WASHER VERTICAL GEAR BOX



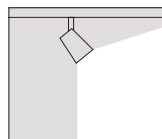
HIT-DE-CRI
RX7S
70W



Proyector para ser instalado a carril trifásico. Balasto electrónico no dimable integrado 220/240V, 50/60Hz.

03.3711.30
03.3711.02
03.3711.14

Spotlight to be installed on 3-phase track. Non dimmable integrated electronic control gear 220/240V, 50/60Hz.



Iluminancias medias basculando 30° Em (lx)
Mean illuminances tilted 30° Em (lx)
Criterios: Número de luminarias n>5 sin reflexiones indirectas sin zonas oscuras
Criteria: Number of luminaires n>5 without indirect reflexions without dark zones
Altura del techo 6 m
Heigh of the ceiling 6 m
Distancia a la pared (m)
Distance to the wall (m)
1,75 1,75 2,25 2,25

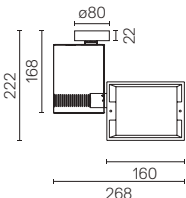
Interdistancia entre luminarias (m)
Distance between the luminaires (m)
1,75 2,25 2,25 3,00

Iluminancia HIT-DE-CRI 70W (lx)
Illuminance HIT-DE-CRI 70W (lx)
326 261 235 180

COMPASS SPOT FOR CEILING WALL-WASHER VERTICAL GEAR BOX



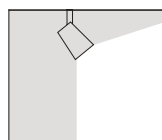
HIT-DE-CRI
RX7S
70W



Proyector para ser instalado a techo. Balasto electrónico no dimable integrado 220/240V, 50/60Hz.

03.3714.30
03.3714.02
03.3714.14

Spotlight to be installed on ceiling. Non dimmable integrated electronic control gear 220/240V, 50/60Hz.



Iluminancias medias basculando 30° Em (lx)
Mean illuminances tilted 30° Em (lx)
Criterios: Número de luminarias n>5 sin reflexiones indirectas sin zonas oscuras
Criteria: Number of luminaires n>5 without indirect reflexions without dark zones
Altura del techo 6 m
Heigh of the ceiling 6 m
Distancia a la pared (m)
Distance to the wall (m)
1,75 1,75 2,25 2,25

Interdistancia entre luminarias (m)
Distance between the luminaires (m)
1,75 2,25 2,25 3,00

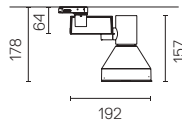
Iluminancia HIT-DE-CRI 70W (lx)
Illuminance HIT-DE-CRI 70W (lx)
326 261 235 180

COMPASS SPOT

COMPASS SPOT FOR TRACK HORIZONTAL GEAR BOX



QT-12
GY6.35
MAX 100W

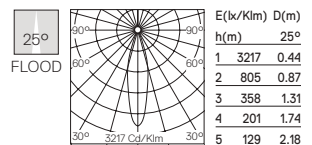
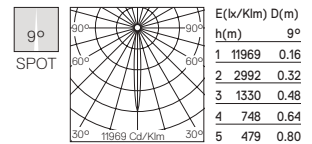
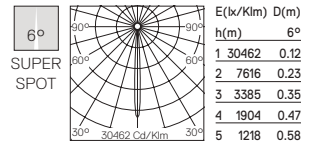
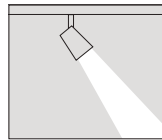


Proyector para ser instalado a carril trifásico. Transformador electrónico integrado 220/240V – 12V, 50/60Hz. Regulación desde 10% al 100% de la intensidad luminosa mediante potenciómetro incorporado. Indicador de tensión tipo LED.

03.3658.30
03.3658.02
03.3658.14

Spotlight to be installed on 3-phase track. Electronic transformer integrated 220/240V – 12V, 50/60Hz. Dimmerable from 10% to 100% of full output using built-in potentiometer. LED power supply indicator.

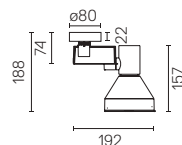
03.3656.30
03.3656.02
03.3656.14



COMPASS SPOT FOR CEILING HORIZONTAL GEAR BOX



QT-12
GY6.35
MAX 100W

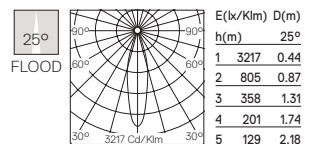
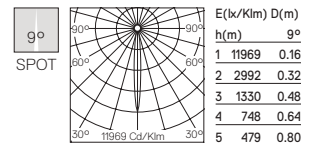
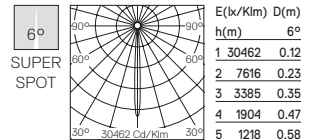
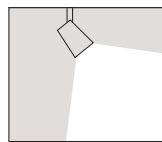


Proyector para ser instalado a techo. Transformador electrónico integrado 220/240V – 12V, 50/60Hz. Regulación desde 10% al 100% de la intensidad luminosa mediante potenciómetro incorporado. Indicador de tensión tipo LED.

03.3358.30
03.3358.02
03.3358.14

Spotlight to be installed on ceiling. Electronic transformer integrated 220/240V – 12V, 50/60Hz. Dimmerable from 10% to 100% of full output using built-in potentiometer. LED power supply indicator.



03.3356.30
03.3356.02
03.3356.14

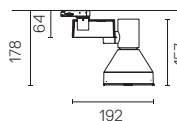


COMPASS SPOT

COMPASS SPOT FOR TRACK HORIZONTAL GEAR BOX



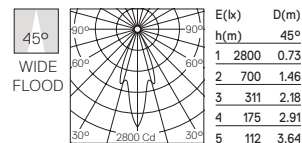
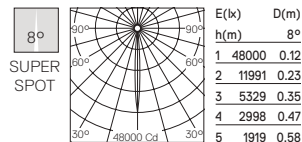
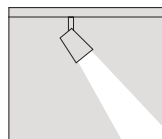

QR-111
G53
MAX 100W
 - OR -

LED QR-111



Proyector para ser instalado a carril trifásico. Transformador electrónico integrado 220/240V – 12V, 50/60Hz. Regulación desde 10% al 100% de la intensidad luminosa mediante potenciómetro incorporado. Indicador de tensión tipo LED.



03.3655.30
 03.3655.02
 03.3655.14

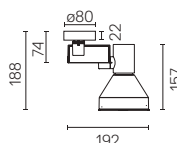
Spotlight to be installed on 3-phase track. Electronic transformer integrated 220/240V – 12V, 50/60Hz. Dimmerable from 10% to 100% of full output using built-in potentiometer. LED power supply indicator.



COMPASS SPOT FOR CEILING HORIZONTAL GEAR BOX



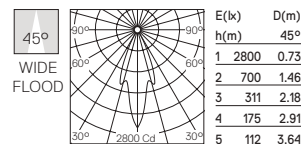
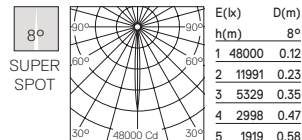
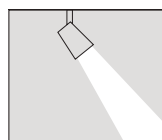

QR-111
G53
MAX 100W
 - OR -

LED QR-111



Proyector para ser instalado a techo. Transformador electrónico integrado 220/240V – 12V, 50/60Hz. Regulación desde 10% al 100% de la intensidad luminosa mediante potenciómetro incorporado. Indicador de tensión tipo LED.

03.3355.30
 03.3355.02
 03.3355.14

Spotlight to be installed on ceiling. Electronic transformer integrated 220/240V – 12V, 50/60Hz. Dimmerable from 10% to 100% of full output using built-in potentiometer. LED power supply indicator.

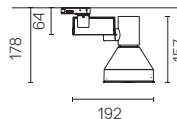


COMPASS SPOT

COMPASS SPOT FOR TRACK HORIZONTAL GEAR BOX



HIT-CRI
G12
35/70W

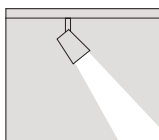
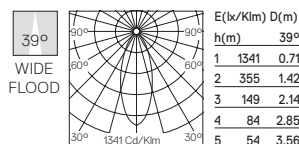
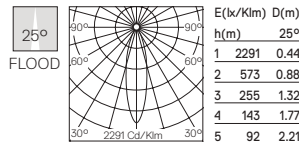
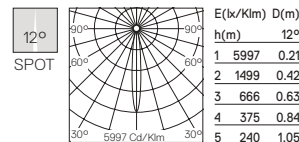


Proyector para ser instalado a carril trifásico. Balasto electrónico no dimable integrado 220/240V, 50/60Hz.

Spotlight to be installed on 3-phase track. Non dimmable integrated electronic control gear 220/240V, 50/60Hz.

35W
 03.3670.30
 03.3670.02
 03.3670.14

70W
 03.3671.30
 03.3671.02
 03.3671.14



35W
 03.3674.30
 03.3674.02
 03.3674.14

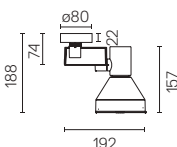
70W
 03.3675.30
 03.3675.02
 03.3675.14



COMPASS SPOT FOR CEILING HORIZONTAL GEAR BOX



HIT-CRI
G12
35/70W

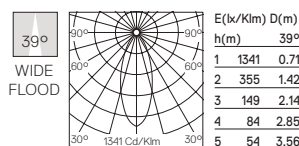
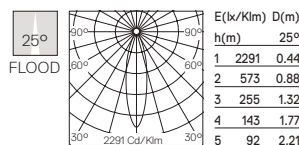
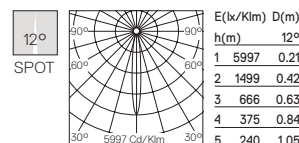


Proyector para ser instalado a techo. Balasto electrónico no dimable integrado 220/240V, 50/60Hz.

Spotlight to be installed on ceiling. Non dimmable integrated electronic control gear 220/240V, 50/60Hz.

35W
 03.3370.30
 03.3370.02
 03.3370.14

70W
 03.3371.30
 03.3371.02
 03.3371.14

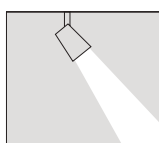


35W
 03.3372.30
 03.3372.02
 03.3372.14

70W
 03.3373.30
 03.3373.02
 03.3373.14

35W
 03.3374.30
 03.3374.02
 03.3374.14

70W
 03.3375.30
 03.3375.02
 03.3375.14

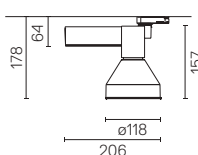


COMPASS SPOT

COMPASS SPOT FOR TRACK HORIZONTAL GEAR BOX



HIT-CRI
G12
150W



Proyector para ser instalado a carril trifásico. Balasto electrónico no dimable integrado 220/240V, 50/60Hz.

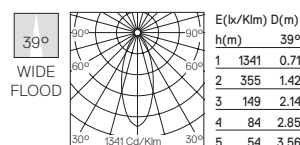
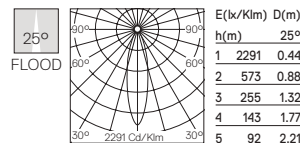
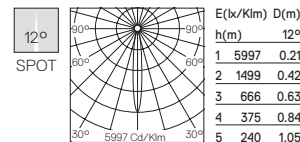
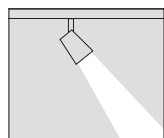
03.3678.30
03.3678.02
03.3678.14

Spotlight to be installed on 3-phase track. Non dimmable integrated electronic control gear 220/240V, 50/60Hz.

03.3679.30
03.3679.02
03.3679.14

La lámpara HCI-T 150W de Osram (diámetro de bulbo: 24mm) no puede ser utilizada con nuestros reflectores. Utilizar solo lámparas HIT-CRI estándares (diámetro de bulbo: 19mm).

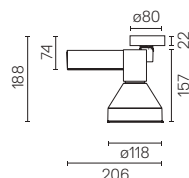
Osram HCI-T 150W lamp (bulb: \varnothing 24mm) does not fit into our reflectors. Please use standard HIT-CRI lamps (bulb: \varnothing 19mm).



COMPASS SPOT FOR CEILING HORIZONTAL GEAR BOX



HIT-CRI
G12
150W



Proyector para ser instalado a techo. Balasto electrónico no dimable integrado 220/240V, 50/60Hz.

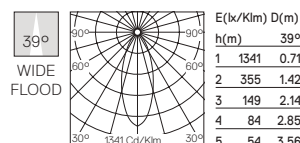
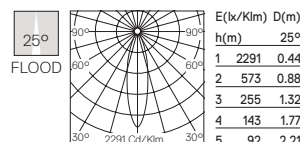
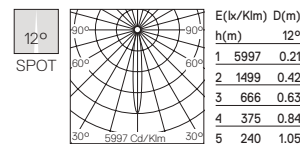
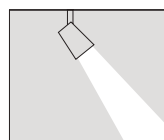
03.3378.30
03.3378.02
03.3378.14

Spotlight to be installed on ceiling. Non dimmable integrated electronic control gear 220/240V, 50/60Hz.

03.3379.30
03.3379.02
03.3379.14

La lámpara HCI-T 150W de Osram (diámetro de bulbo: 24mm) no puede ser utilizada con nuestros reflectores. Utilizar solo lámparas HIT-CRI estándares (diámetro de bulbo: 19mm).

Osram HCI-T 150W lamp (bulb: \varnothing 24mm) does not fit into our reflectors. Please use standard HIT-CRI lamps (bulb: \varnothing 19mm).

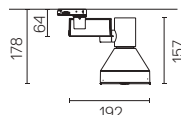


COMPASS SPOT

COMPASS SPOT FOR TRACK HORIZONTAL GEAR BOX



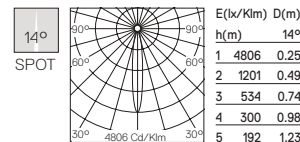
CDM-TC
G8.5
20/35/70W



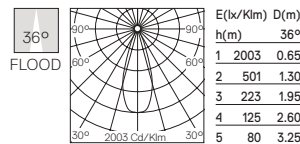
Proyector para ser instalado a carril trifásico. Balasto electrónico no dimable integrado 220/240V, 50/60Hz.

Spotlight to be installed on 3-phase track. Non dimmable integrated electronic control gear 220/240V, 50/60Hz.

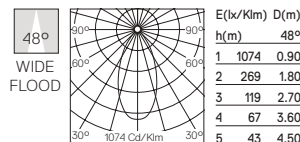
- 20W
- 03.3660.30
 - 03.3660.02
 - 03.3660.14
- 35W
- 03.3661.30
 - 03.3661.02
 - 03.3661.14
- 70W
- 03.3662.30
 - 03.3662.02
 - 03.3662.14



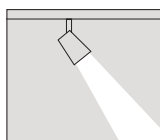
- 20W
- 03.3663.30
 - 03.3663.02
 - 03.3663.14
- 35W
- 03.3664.30
 - 03.3664.02
 - 03.3664.14
- 70W
- 03.3665.30
 - 03.3665.02
 - 03.3665.14



- 20W
- 03.3666.30
 - 03.3666.02
 - 03.3666.14
- 35W
- 03.3667.30
 - 03.3667.02
 - 03.3667.14
- 70W
- 03.3668.30
 - 03.3668.02
 - 03.3668.14



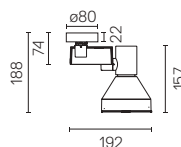
A* → A



COMPASS SPOT FOR CEILING HORIZONTAL GEAR BOX



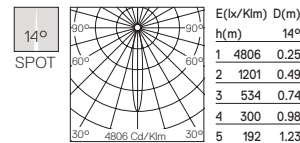
CDM-TC
G8.5
20/35/70W



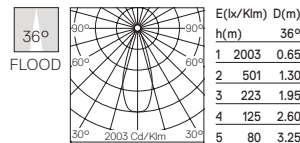
Proyector para ser instalado a techo. Balasto electrónico no dimable integrado 220/240V, 50/60Hz.

Spotlight to be installed on ceiling. Non dimmable integrated electronic control gear 220/240V, 50/60Hz.

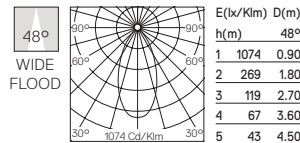
- 20W
- 03.3360.30
 - 03.3360.02
 - 03.3360.14
- 35W
- 03.3361.30
 - 03.3361.02
 - 03.3361.14
- 70W
- 03.3362.30
 - 03.3362.02
 - 03.3362.14



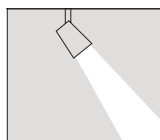
- 20W
- 03.3363.30
 - 03.3363.02
 - 03.3363.14
- 35W
- 03.3364.30
 - 03.3364.02
 - 03.3364.14
- 70W
- 03.3365.30
 - 03.3365.02
 - 03.3365.14



- 20W
- 03.3366.30
 - 03.3366.02
 - 03.3366.14
- 35W
- 03.3367.30
 - 03.3367.02
 - 03.3367.14
- 70W
- 03.3368.30
 - 03.3368.02
 - 03.3368.14



A* → A

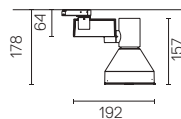


COMPASS SPOT

COMPASS SPOT FOR TRACK HORIZONTAL GEAR BOX



CDM-R111
GX8.5
35/70W

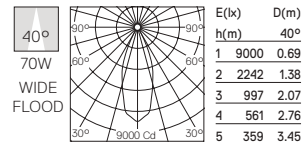
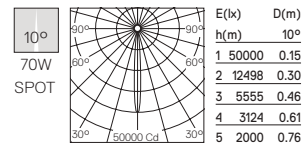
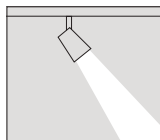


Proyector para ser instalado a carril trifásico. Balasto electrónico no dimable integrado 220/240V, 50/60Hz.

35W
 03.3676.30
 03.3676.02
 03.3676.14

Spotlight to be installed on 3-phase track. Non dimmable integrated electronic control gear 220/240V, 50/60Hz.

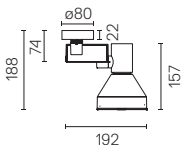
70W
 03.3677.30
 03.3677.02
 03.3677.14



COMPASS SPOT FOR CEILING HORIZONTAL GEAR BOX



CDM-R111
GX8.5
35/70W

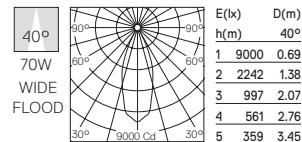
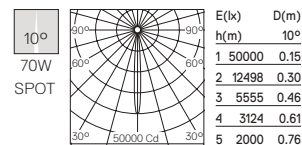
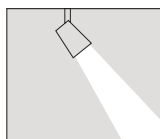


Proyector para ser instalado a techo. Balasto electrónico no dimable integrado 220/240V, 50/60Hz.

35W
 03.3376.30
 03.3376.02
 03.3376.14

Spotlight to be installed on ceiling. Non dimmable control gear 220/240V, 50/60Hz.

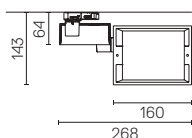
70W
 03.3377.30
 03.3377.02
 03.3377.14



COMPASS SPOT FOR TRACK FLOODLIGHT HORIZONTAL GEAR BOX



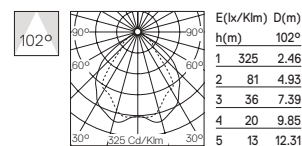
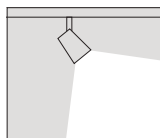
HIT-DE-CRI
RX7S
70W



Proyector para ser instalado a carril trifásico. Balasto electrónico no dimable integrado 220/240V, 50/60Hz.

03.3720.30
 03.3720.02
 03.3720.14

Spotlight to be installed on 3-phase track. Non dimmable integrated electronic control gear 220/240V, 50/60Hz.



180.0 ——— 0.0
270.0 90.0

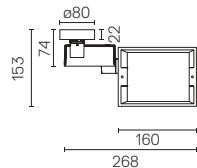


COMPASS SPOT

COMPASS SPOT FOR CEILING FLOODLIGHT HORIZONTAL GEAR BOX



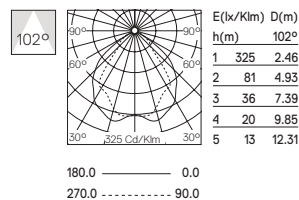
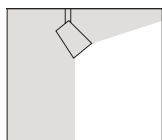
**HIT-DE-CRI
RX7S
70W**



Proyector para ser instalado a techo. Balasto electrónico no dimable integrado 220/240V, 50/60Hz.

03.3722.30
03.3722.02
03.3722.14

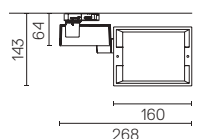
Spotlight to be installed on ceiling. Non dimmable integrated electronic control gear 220/240V, 50/60Hz.



COMPASS SPOT FOR TRACK WALL-WASHER HORIZONTAL GEAR BOX



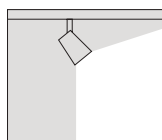
**HIT-DE-CRI
RX7S
70W**



Proyector para ser instalado a carril trifásico. Balasto electrónico no dimable integrado 220/240V, 50/60Hz.

03.3721.30
03.3721.02
03.3721.14

Spotlight to be installed on 3-phase track. Non dimmable integrated electronic control gear 220/240V, 50/60Hz.



Iluminancias medias basculando 30° Em (lx)
Mean illuminances tilted 30° Em (lx)
Criterios: Número de luminarias n>5 sin reflexiones indirectas sin zonas oscuras
Criteria: Number of luminaires n>5 without indirect reflexions without dark zones
Altura del techo 6 m
Heigh of the ceiling 6 m
Distancia a la pared (m)
Distance to the wall (m)
1,75 1,75 2,25 2,25

Interdistancia entre luminarias (m)
Distance between the luminaires (m)
1,75 2,25 2,25 3,00

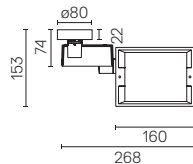
Iluminancia HIT-DE-CRI 70W (lx)
Illuminance HIT-DE-CRI 70W (lx)
326 261 235 180

COMPASS SPOT

COMPASS SPOT FOR CEILING WALL-WASHER HORIZONTAL GEAR BOX



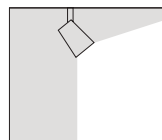
HIT-DE-CRI
RX7S
70W



Proyector para ser instalado a techo. Balasto electrónico no dimable integrado 220/240V, 50/60Hz.

03.3723.30
03.3723.02
03.3723.14

Spotlight to be installed on ceiling. Non dimmable integrated electronic control gear 220/240V, 50/60Hz.



Luminancias medias basculando 30° Em (lx)
Mean illuminances tilted 30° Em (lx)
Criterios: Número de luminarias n>5 sin reflexiones indirectas sin zonas oscuras
Criteria: Number of luminaires n>5 without indirect reflexions without dark zones
Altura del techo 6 m
Height of the ceiling 6 m
Distancia a la pared (m)
Distance to the wall (m)
1,75 1,75 2,25 2,25

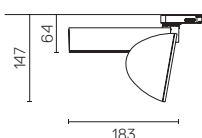
Interdistancia entre luminarias (m)
Distance between the luminaires (m)
1,75 2,25 2,25 3,00

Illuminancia HIT-DE-CRI 70W (lx)
Illuminance HIT-DE-CRI 70W (lx)
326 261 235 180

COMPASS SPOT FOR TRACK FLOODLIGHT HORIZONTAL GEAR BOX



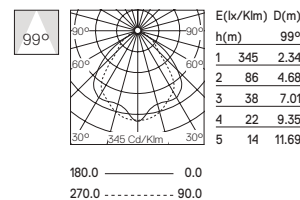
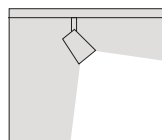
HIT-CRI
G12
150W



Proyector para ser instalado a carril trifásico. Balasto electrónico no dimable integrado 220/240V, 50/60Hz.

03.3724.30
03.3724.02
03.3724.14

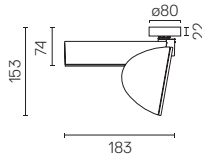
Spotlight to be installed on 3-phase track. Non dimmable integrated electronic control gear 220/240V, 50/60Hz.



COMPASS SPOT FOR CEILING FLOODLIGHT HORIZONTAL GEAR BOX



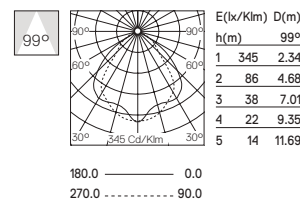
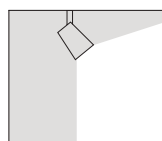
HIT-CRI
G12
150W



Proyector para ser instalado a techo/pared. Balasto electrónico no dimable integrado 220/240V, 50/60Hz.

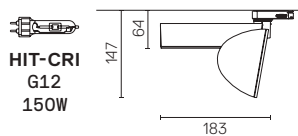
03.3726.30
03.3726.02
03.3726.14

Spotlight to be installed on ceiling/wall. Non dimmable integrated electronic control gear 220/240V, 50/60Hz.



COMPASS SPOT

COMPASS SPOT FOR TRACK WALL-WASHER HORIZONTAL GEAR BOX

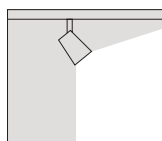


HIT-CRI
G12
150W

Proyector para ser instalado a carril trifásico. Balasto electrónico no dimable integrado 220/240V, 50/60Hz.

03.3725.30
03.3725.02
03.3725.14

Spotlight to be installed on 3-phase track. Non dimmable integrated electronic control gear 220/240V, 50/60Hz.

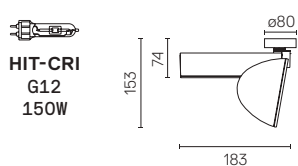


Iluminancias medias basculando 30° Em (lx)
Mean illuminances tilted 30° Em (lx)
Criterios: Número de luminarias n>5 sin reflexiones indirectas sin zonas oscuras
Criteria: Number of luminaires n>5 without indirect reflexions without dark zones
Altura del techo 6 m
Heigh of the ceiling 6 m
Distancia a la pared (m)
Distance to the wall (m)
1,75 1,75 2,25 2,25

Interdistancia entre luminarias (m)
Distance between the luminaires (m)
1,75 2,25 2,25 3,00

Iluminancia HIT-CRI 150W (lx)
Illuminance HIT-CRI 150W (lx)
535 415 378 301

COMPASS SPOT FOR CEILING WALL-WASHER HORIZONTAL GEAR BOX

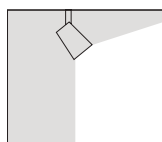


HIT-CRI
G12
150W

Proyector para ser instalado a techo. Balasto electrónico no dimable integrado 220/240V, 50/60Hz.

03.3727.30
03.3727.02
03.3727.14

Spotlight to be installed on ceiling. Non dimmable integrated electronic control gear 220/240V, 50/60Hz.



Iluminancias medias basculando 30° Em (lx)
Mean illuminances tilted 30° Em (lx)
Criterios: Número de luminarias n>5 sin reflexiones indirectas sin zonas oscuras
Criteria: Number of luminaires n>5 without indirect reflexions without dark zones
Altura del techo 6 m
Heigh of the ceiling 6 m
Distancia a la pared (m)
Distance to the wall (m)
1,75 1,75 2,25 2,25

Interdistancia entre luminarias (m)
Distance between the luminaires (m)
1,75 2,25 2,25 3,00

Iluminancia HIT-CRI 150W (lx)
Illuminance HIT-CRI 150W (lx)
535 415 378 301

COMPASS SPOT

ACCESORIOS / ACCESSORIES

Accesorios

Las prestaciones de la gama "Compass Spot" para instalaciones de interior aumentan con la integración de una extensa gama de accesorios; bases de fijación para techos y/o paredes, rejillas antideslumbramiento de panel de abeja, elementos de apantallamiento con cruceta rotacional incorporada, filtros de color, filtros para reducir las radiaciones U.V. y I.R, lentes de distribución elíptica y aletas de apantallamiento direccionables.

La integración de los accesorios se realiza de una forma sencilla y sin necesidad de herramienta alguna mediante el cambio del cristal de protección (en el caso de lentes y filtros) o del aro de apantallamiento (en el caso de rejillas de panel de abeja, cilindro de apantallamiento y aletas direccionables).

Filtros

Filtros de cristal dicroico de 3mm de espesor.

Accessories

The possibilities of the "Compass Spot" range of interior light fixtures are increased by a wide range of accessories; wall and/or ceiling mounts, honey-comb louvres, screening elements with integrated rotary joints, colour filters, UV and IR filters, elliptical-beam lenses and adjustable glare controllers. These accessories are easily fitted, without the need for tools, by simply replacing the protection glass (in the case of lenses and filters), or the screening rings (in the case of honeycomb louvres, screening cylinders and glare controllers).

Filters

Filters in 3mm thick dichroic material.

Accesorios aplicables para las versiones: QT-12 / HIT-CRI / CDM-TC. Accessories for the versions: QT-12 / HIT-CRI / CDM-TC.

Aletas direccionales, realizadas en metal y terminado en pintura polvo negra.



08.8031.14

Adjustable metal fins with black powder-coated finish.

Cilindro de apantallamiento con rejilla direccional incorporada, realizado en metal y terminado en pintura en polvo negra.



08.8033.14

Black thermoplastic screening cylinder with rotating pin.

Rejilla anti-deslumbramiento realizada en celdas de aluminio terminadas en pintura negra. No usar con 150W.



08.8035.14

Anti-glare grid in aluminium cells with black liquid paint finish. Don't use with 150W.

Refractor de cristal templado con grueso de 4mm para la distribución elíptica del flujo luminoso.



08.8020.68

Elliptical light distribution lens in 4 mm thick tempered glass.

Lente Flood realizada en cristal prensado.



08.8178.68

Flood lens made in press glass.

FILTRO AZUL
BLUE FILTER



08.8019.64.OD

FILTRO CELESTE
SKY BLUE FILTER



08.8019.65.OD

FILTRO ÁMBAR
AMBER FILTER



08.8019.66.OD

FILTRO ROJO
RED FILTER



08.8019.67.OD

FILTRO anti U.V.
U.V. FILTER



08.8019.98.OD

FILTRO anti I.R.
I.R. FILTER



08.8023.68

HOT LIGHT
HOT LIGHT



08.8019.69

COLD LIGHT
COLD LIGHT



08.8019.CL

DAYLIGHT
DAYLIGHT



08.8019.DL

NEODIMIUM
NEODIMIUM



08.8019.ND

324

COMPASS SPOT

ACCESORIOS / ACCESSORIES

Accesorios aplicables para las versiones: PAR-30S / QR-111 / CDM-R111.
Accessories for the versions: PAR-30S / QR-111 / CDM-R111.

Aletas direccionales, realizadas en metal y terminado en pintura polvo negra.



08.8032.14

Adjustable metal fins with black powder-coated finish.

Cilindro de apantallamiento con rejilla direccional incorporada, realizado en metal y terminado en pintura en polvo negra.



08.8034.14

Black thermoplastic screening cylinder with rotating pin.

Rejilla anti-deslumbramiento realizada en celdas de aluminio terminadas en pintura negra.



08.8036.14

Anti-glare grid in aluminium cells with black liquid paint finish.

Refractor de cristal templado con grueso de 4mm para la distribución elíptica del flujo luminoso.



08.8930.68

Elliptical light distribution lens in 4mm thick tempered glass.

Lente Flood realizada en cristal prensado.



08.8931.68

Flood lens made in press glass.

FILTRO AZUL
BLUE FILTER



08.8932.64.OD

FILTRO CELESTE
SKY BLUE FILTER



08.8932.65.OD

FILTRO ÁMBAR
AMBER FILTER



08.8932.66.OD

FILTRO ROJO
RED FILTER



08.8932.67.OD

FILTRO anti U.V.
U.V. FILTER



08.8932.98.OD

FILTRO anti I.R.
I.R. FILTER



08.8933.68

HOT LIGHT
HOT LIGHT



08.8932.69

COLD LIGHT
COLD LIGHT



08.8932.CL

DAYLIGHT
DAYLIGHT



08.8932.DL

NEODIMIUM
NEODIMIUM



08.8932.ND

Accesorios aplicables para las versiones: QT-DE-12 / HIT-DE-CRI / HIT-CRI.
Accessories for the versions: QT-DE-12 / HIT-DE-CRI / HIT-CRI.

Aletas direccionales, realizadas en metal y terminado en pintura polvo negra.



08.8045.14

Adjustable metal fins with black powder-coated finish.

Rejilla anti-deslumbramiento realizada en celdas de aluminio terminadas en pintura negra.



08.8046.14

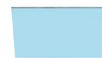
Anti-glare grid in aluminium cells with black liquid paint finish.

FILTRO AZUL
BLUE FILTER



08.8047.64.OD

FILTRO CELESTE
SKY BLUE FILTER



08.8047.65.OD

FILTRO ÁMBAR
AMBER FILTER



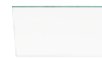
08.8047.66.OD

FILTRO ROJO
RED FILTER



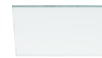
08.8047.67.OD

FILTRO anti U.V.
U.V. FILTER



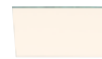
08.8047.98.OD

FILTRO anti I.R.
I.R. FILTER



08.8048.68

HOT LIGHT
HOT LIGHT



08.8047.69

COLD LIGHT
COLD LIGHT



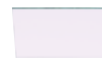
08.8047.CL

DAYLIGHT
DAYLIGHT



08.8047.DL

NEODIMIUM
NEODIMIUM



08.8047.ND

SOLID PURE

DESIGNED BY KNUD HOLSCHER


Versión
Version


SOLID PURE
TRACK


SOLID PURE
CEILING




Fuentes de Luz
Light Sources


LED ARRAY
23W
2300 lm
3000K/CRI 80


LED ARRAY
30W
3300 lm
3000K/CRI 80


LED ARRAY
35W
3800 lm
3000K/CRI 80


LED ARRAY
53W
5200 lm
3000K/CRI 80

2000 lm
3000K/CRI 90

2700 lm
3000K/CRI 90

3100 lm
3000K/CRI 90

4300 lm
3000K/CRI 90


2500 lm
4000K/CRI 80

3500 lm
4000K/CRI 80

4000 lm
4000K/CRI 80

5500 lm
4000K/CRI 80

Colores
Colours

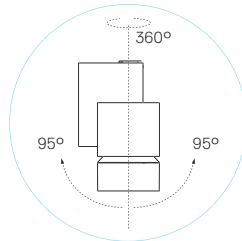
 30 Blanco
30 White

 14 Negro
14 Black



Rotación
Rotation Features

Puede ser orientado 190° y rotado 360°.
Can be swivelled 190° and rotated 360°.



Premios
Awards



reddot design award
winner 2013

SOLID PURE

Descripción

Luminaria de interior para ser instalada a carril trifásico o sobre techos/paredes disponible con fuentes de luz de tecnología LED de alta potencia y en versión Dali y No Dali. El cuerpo óptico de la luminaria así como el contenedor de los equipos de alimentación están fabricados en aluminio inyectado a alta presión, acabados en pintura polvo de color blanco, gris o negro. El anillo para la fijación de los reflectores está realizado en material termoplástico de color negro y aloja en su interior un elemento porta accesorios capaz de alojar filtros cromáticos y elementos anti deslumbramiento tipo panel de abeja.

La luminaria a carril incorpora un adaptador a carril trifásico. El correcto funcionamiento durante la vida útil del módulo LED viene garantizado gracias a un innovador diseño de su sistema de disipación térmica, el cual permite una constante recirculación del flujo del aire en su interior. Para ello se utilizan soluciones con radiadores pasivos (versiones 23/30/35W) y activos (versión 53W) en función del caudal necesario de la recirculación del aire.

Disponible en los acabados: blanco (30) y negro (14).

Reflectores

Todas las ópticas están realizadas en aluminio superpuro con acabado especular. Circular simétrico giratorio.

La luminaria está disponible en tres tipos de reflectores: spot, flood y wide flood. Para 23W: (10°, 18° y 25°). Para 30/35/53W: (15°, 22° y 45°).

Fuentes de Luz

LED:

- LED Array (COB) disponible en:

23W (3000K - CRI 80 - CRI 90 / 4000K - CRI 80)

30W (3000K - CRI 80 - CRI 90 / 4000K - CRI 80)

35W (3000K - CRI 80 - CRI 90 / 4000K - CRI 80)

53W (3000K - CRI 80 - CRI 90 / 4000K - CRI 80).

Unidades de Alimentación

Fuente de alimentación de corriente constante no regulable o regulable Dali 220/240V incluida.

Accesorios

- rejilla antideslumbramiento realizada con celdas de aluminio.

- filtros cromáticos.

Información Adicional

Posibilidad de bloquear la orientación del haz de luz tanto en el plano horizontal (rotación a 360° en el eje vertical) como en el plano vertical (190° en el eje horizontal).

Está disponible en versión Dali tanto a carril como a techo. Índice de protección IP20.

Clase de aislamiento I.

Instalable sobre superficies normalmente inflamables.

Las luminarias de FLOS a carril trifásico estándar están diseñadas y completamente probadas para los carriles recomendados por FLOS. Su compatibilidad está garantizada con carriles trifásicos fabricados por Nordic Aluminium y Eutrac. Si desea confirmar su compatibilidad con otros carriles, póngase en contacto con FLOS antes de instalarlas. Las luminarias de FLOS a carril trifásico DALI están diseñadas para el protocolo Pulse DALI de Nordic Aluminium.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

A luminaire for indoor use to be mounted on three-phase track or on ceilings/walls, available in high power LED technology light sources and in DALI and non-DALI versions.

The optical housing of the luminaire, as well as the container of the power supply equipment, is manufactured in high-pressure injected aluminium, with white, grey or black finishes. The reflector fastening ring houses an accessory-holder element where chromatic filters and honeycomb type anti-glare elements can be housed.

The perfect operation of the LED module is guaranteed thanks to its heat dissipation system, which permits constant recirculation of the air on the inside. To this end, solutions with passive radiators (23/30/35W versions) and active radiators (53W version) are used depending on the required air recirculation flow.

Available finishes: white (30) and black (14).

Reflectors

All optics are made of superpure aluminium with specular finish. Symmetrical circular rotary system.

Available in 3 optics: spot, flood and wide flood. For 23W: (10°, 18° and 25°). For 30/35/53W: (15°, 22° and 45°).

Light Sources

LED:

- LED Array (COB) available in:

23W (3000K - CRI 80 - CRI 90 / 4000K - CRI 80)

30W (3000K - CRI 80 - CRI 90 / 4000K - CRI 80)

35W (3000K - CRI 80 - CRI 90 / 4000K - CRI 80)

53W (3000K - CRI 80 - CRI 90 / 4000K - CRI 80).

Power Supply

Not dimmable or dimmable Dali 220/240V, constant current, power supply included.

Accessories

- honeycomb made of aluminium.

- chromatic filters.

Additional Information

Block system to fix the lightbeam in horizontal (360° rotation on vertical edge) as well as vertical (190° on horizontal edge).

DALI version for track and surface mounting is available.

IP20 protection grade.

Insulation class I.

Suitable for installation on normally inflammable surfaces.

FLOS three-phase lighting track luminaires are designed and fully tested for tracks recommended by FLOS. Compatibility is guaranteed with three-phase track produced by Nordic Aluminium and Eutrac. To verify compatibility with any other track, please contact FLOS before installation.

FLOS three-phase DALI track luminaires are designed for Pulse DALI from Nordic Aluminium.

Standard Compliance and Quality Marks

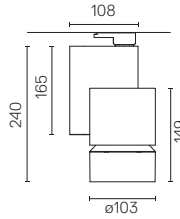
EN60598-1 European Technical Standards and any subsequent additions.

SOLID PURE

SOLID PURE TRACK



LED ARRAY
23W
2300 lm
3000K/CRI 80



Proyector para ser instalado a carril trifásico con fuente de luz LED. Fuente de alimentación 220-240V / 50-60Hz integrada.

Spotlight to be installed on 3-circuit-track with LED light source. Integrated power supply 220-240V / 50-60Hz.

23W - 2300 lm
Non Dimmable
09.2888.30
09.2888.14
Dali Version
09.2888.30.DA
09.2888.14.DA



SPOT

23W - 2300 lm
Non Dimmable
09.2889.30
09.2889.14
Dali Version
09.2889.30.DA
09.2889.14.DA



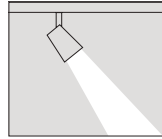
FLOOD

23W - 2300 lm
Non Dimmable
09.2890.30
09.2890.14
Dali Version
09.2890.30.DA
09.2890.14.DA



WIDE FLOOD

LED INCL.
NOT REPLACEABLE



SOLID PURE

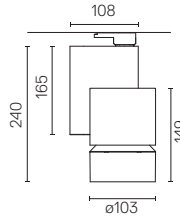
SOLID PURE TRACK



LED ARRAY
 30W
 3300 lm
 3000K/CRI 80

35W
 3800 lm
 3000K/CRI 80

53W
 5200 lm
 3000K/CRI 80



Proyector para ser instalado a carril trifásico con fuente de luz LED. Fuente de alimentación 220-240V / 50-60Hz integrada.

Spotlight to be installed on 3-circuit-track with LED light source. Integrated power supply 220-240V / 50-60Hz.

30W - 3300 lm
 Non Dimmable
 09.2870.30
 09.2870.14
 Dali Version
 09.2870.30.DA
 09.2870.14.DA

35W - 3800 lm
 Non Dimmable
 09.2953.30
 09.2953.14
 Dali Version
 09.2953.30.DA
 09.2953.14.DA

53W - 5200 lm
 Non Dimmable
 09.2965.30
 09.2965.14
 Dali Version
 09.2965.30.DA
 09.2965.14.DA



30W - 3300 lm
 Non Dimmable
 09.2871.30
 09.2871.14
 Dali Version
 09.2871.30.DA
 09.2871.14.DA

35W - 3800 lm
 Non Dimmable
 09.2954.30
 09.2954.14
 Dali Version
 09.2954.30.DA
 09.2954.14.DA

53W - 5200 lm
 Non Dimmable
 09.2966.30
 09.2966.14
 Dali Version
 09.2966.30.DA
 09.2966.14.DA

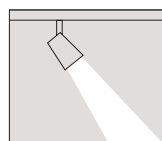


30W - 3300 lm
 Non Dimmable
 09.2872.30
 09.2872.14
 Dali Version
 09.2872.30.DA
 09.2872.14.DA

35W - 3800 lm
 Non Dimmable
 09.2955.30
 09.2955.14
 Dali Version
 09.2955.30.DA
 09.2955.14.DA



53W - 5200 lm
 Non Dimmable
 09.2967.30
 09.2967.14
 Dali Version
 09.2967.30.DA
 09.2967.14.DA



LED INCL.
 NOT REPLACEABLE

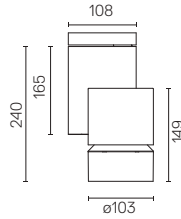


SOLID PURE

SOLID PURE CEILING



LED ARRAY
23W
2300 lm
3000K/CRI 80



Proyector para ser instalado a techo/pared con fuente de luz LED. Fuente de alimentación 220-240V / 50-60Hz integrada.

Spotlight to be installed on ceiling/wall with LED light source. Integrated power supply 220-240V / 50-60Hz.

23W - 2300 lm
Non Dimmable
09.2894.30
09.2894.14
Dali Version
09.2894.30.DA
09.2894.14.DA



10°
SPOT

23W - 2300 lm
Non Dimmable
09.2895.30
09.2895.14
Dali Version
09.2895.30.DA
09.2895.14.DA



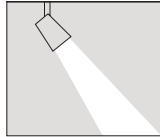
18°
FLOOD

23W - 2300 lm
Non Dimmable
09.2896.30
09.2896.14
Dali Version
09.2896.30.DA
09.2896.14.DA



25°
WIDE
FLOOD

LED INCL.
NOT REPLACEABLE



SOLID PURE

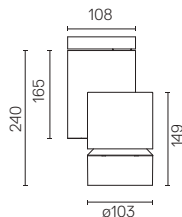
SOLID PURE CEILING



LED ARRAY
30W
3300 lm
3000K/CRI 80

35W
3800 lm
3000K/CRI 80

53W
5200 lm
3000K/CRI 80



Proyector para ser instalado a techo/pared con fuente de luz LED. Fuente de alimentación 220-240V / 50-60Hz integrada.

Spotlight to be installed on ceiling/wall with LED light source. Integrated power supply 220-240V / 50-60Hz.



SPOT

30W - 3300 lm
 Non Dimmable
 09.2876.30
 09.2876.14
 Dali Version
 09.2876.30.DA
 09.2876.14.DA

35W - 3800 lm
 Non Dimmable
 09.2956.30
 09.2956.14
 Dali Version
 09.2956.30.DA
 09.2956.14.DA

53W - 5200 lm
 Non Dimmable
 09.2968.30
 09.2968.14
 Dali Version
 09.2968.30.DA
 09.2968.14.DA



FLOOD

30W - 3300 lm
 Non Dimmable
 09.2877.30
 09.2877.14
 Dali Version
 09.2877.30.DA
 09.2877.14.DA

35W - 3800 lm
 Non Dimmable
 09.2957.30
 09.2957.14
 Dali Version
 09.2957.30.DA
 09.2957.14.DA

53W - 5200 lm
 Non Dimmable
 09.2969.30
 09.2969.14
 Dali Version
 09.2969.30.DA
 09.2969.14.DA

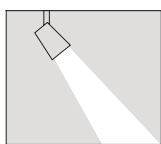


WIDE FLOOD

30W - 3300 lm
 Non Dimmable
 09.2878.30
 09.2878.14
 Dali Version
 09.2878.30.DA
 09.2878.14.DA

35W - 3800 lm
 Non Dimmable
 09.2958.30
 09.2958.14
 Dali Version
 09.2958.30.DA
 09.2958.14.DA

53W - 5200 lm
 Non Dimmable
 09.2970.30
 09.2970.14
 Dali Version
 09.2970.30.DA
 09.2970.14.DA



LED INCL.
 NOT REPLACEABLE

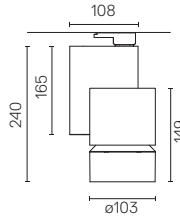


SOLID PURE

SOLID PURE TRACK



LED ARRAY
23W
2000 lm
3000K/CRI 90



Proyector para ser instalado a carril trifásico con fuente de luz LED. Fuente de alimentación 220-240V / 50-60Hz integrada.

Spotlight to be installed on 3-circuit-track with LED light source. Integrated power supply 220-240V / 50-60Hz.

23W - 2000 lm
Non Dimmable
09.2885.30
09.2885.14
Dali Version
09.2885.30.DA
09.2885.14.DA



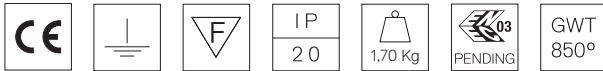
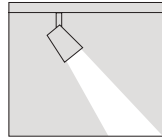
23W - 2000 lm
Non Dimmable
09.2886.30
09.2886.14
Dali Version
09.2886.30.DA
09.2886.14.DA



23W - 2000 lm
Non Dimmable
09.2887.30
09.2887.14
Dali Version
09.2887.30.DA
09.2887.14.DA



LED INCL.
NOT REPLACEABLE



SOLID PURE

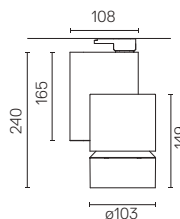
SOLID PURE TRACK



LED ARRAY
 30W
 2700 lm
 3000K/CRI 90

35W
 3100 lm
 3000K/CRI 90

53W
 4300 lm
 3000K/CRI 90



Proyector para ser instalado a carril trifásico con fuente de luz LED. Fuente de alimentación 220-240V / 50-60Hz integrada.

Spotlight to be installed on 3-circuit-track with LED light source. Integrated power supply 220-240V / 50-60Hz.

30W - 2700 lm
 Non Dimmable
 09.2997.30
 09.2997.14
 Dali Version
 09.2997.30.DA
 09.2997.14.DA

35W - 3100 lm
 Non Dimmable
 09.2991.30
 09.2991.14
 Dali Version
 09.2991.30.DA
 09.2991.14.DA

53W - 4300 lm
 Non Dimmable
 09.2977.30
 09.2977.14
 Dali Version
 09.2977.30.DA
 09.2977.14.DA



SPOT

30W - 2700 lm
 Non Dimmable
 09.2998.30
 09.2998.14
 Dali Version
 09.2998.30.DA
 09.2998.14.DA

35W - 3100 lm
 Non Dimmable
 09.2992.30
 09.2992.14
 Dali Version
 09.2992.30.DA
 09.2992.14.DA

53W - 4300 lm
 Non Dimmable
 09.2978.30
 09.2978.14
 Dali Version
 09.2978.30.DA
 09.2978.14.DA



FLOOD

30W - 2700 lm
 Non Dimmable
 09.2999.30
 09.2999.14
 Dali Version
 09.2999.30.DA
 09.2999.14.DA

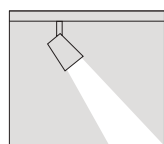
35W - 3100 lm
 Non Dimmable
 09.2993.30
 09.2993.14
 Dali Version
 09.2993.30.DA
 09.2993.14.DA



WIDE FLOOD

53W - 4300 lm
 Non Dimmable
 09.2979.30
 09.2979.14
 Dali Version
 09.2979.30.DA
 09.2979.14.DA

LED INCL.
 NOT REPLACEABLE

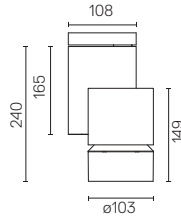


SOLID PURE

SOLID PURE CEILING



LED ARRAY
23W
2000 lm
3000K/CRI 90



Proyector para ser instalado a techo/pared con fuente de luz LED. Fuente de alimentación 220-240V / 50-60Hz integrada.

Spotlight to be installed on ceiling/wall with LED light source. Integrated power supply 220-240V / 50-60Hz.

23W - 2000 lm
Non Dimmable
09.2891.30
09.2891.14
Dali Version
09.2891.30.DA
09.2891.14.DA



SPOT

23W - 2000 lm
Non Dimmable
09.2892.30
09.2892.14
Dali Version
09.2892.30.DA
09.2892.14.DA



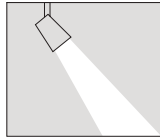
FLOOD

23W - 2000 lm
Non Dimmable
09.2893.30
09.2893.14
Dali Version
09.2893.30.DA
09.2893.14.DA



WIDE FLOOD

LED INCL.
NOT REPLACEABLE



SOLID PURE

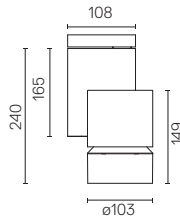
SOLID PURE CEILING



LED ARRAY
30W
2700 lm
3000K/CRI 90

35W
3100 lm
3000K/CRI 90

53W
4300 lm
3000K/CRI 90



Proyector para ser instalado a techo/pared con fuente de luz LED. Fuente de alimentación 220-240V / 50-60Hz integrada.

Spotlight to be installed on ceiling/wall with LED light source. Integrated power supply 220-240V / 50-60Hz.

30W - 2700 lm
 Non Dimmable
 09.2873.30
 09.2873.14
 Dali Version
 09.2873.30.DA
 09.2873.14.DA

35W - 3100 lm
 Non Dimmable
 09.2994.30
 09.2994.14
 Dali Version
 09.2994.30.DA
 09.2994.14.DA

53W - 4300 lm
 Non Dimmable
 09.2980.30
 09.2980.14
 Dali Version
 09.2980.30.DA
 09.2980.14.DA



SPOT

30W - 2700 lm
 Non Dimmable
 09.2874.30
 09.2874.14
 Dali Version
 09.2874.30.DA
 09.2874.14.DA

35W - 3100 lm
 Non Dimmable
 09.2995.30
 09.2995.14
 Dali Version
 09.2995.30.DA
 09.2995.14.DA

53W - 4300 lm
 Non Dimmable
 09.2981.30
 09.2981.14
 Dali Version
 09.2981.30.DA
 09.2981.14.DA



FLOOD

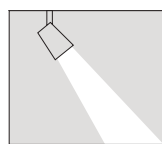
30W - 2700 lm
 Non Dimmable
 09.2875.30
 09.2875.14
 Dali Version
 09.2875.30.DA
 09.2875.14.DA

35W - 3100 lm
 Non Dimmable
 09.2996.30
 09.2996.14
 Dali Version
 09.2996.30.DA
 09.2996.14.DA



WIDE FLOOD

53W - 4300 lm
 Non Dimmable
 09.2982.30
 09.2982.14
 Dali Version
 09.2982.30.DA
 09.2982.14.DA



LED INCL.
 NOT REPLACEABLE

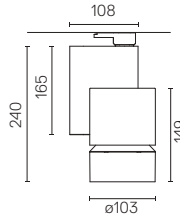


SOLID PURE

SOLID PURE TRACK



LED ARRAY
23W
2500 lm
4000K/CRI 80



Proyector para ser instalado a carril trifásico con fuente de luz LED. Fuente de alimentación 220-240V / 50-60Hz integrada.

Spotlight to be installed on 3-circuit-track with LED light source. Integrated power supply 220-240V / 50-60Hz.

23W - 2500 lm
Non Dimmable
09.2897.30
09.2897.14
Dali Version
09.2897.30.DA
09.2897.14.DA



SPOT

23W - 2500 lm
Non Dimmable
09.2898.30
09.2898.14
Dali Version
09.2898.30.DA
09.2898.14.DA



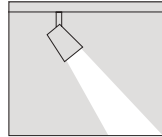
FLOOD

23W - 2500 lm
Non Dimmable
09.2899.30
09.2899.14
Dali Version
09.2899.30.DA
09.2899.14.DA



WIDE FLOOD

LED INCL.
NOT REPLACEABLE



SOLID PURE

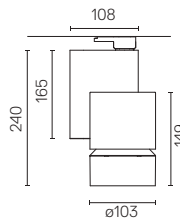
SOLID PURE TRACK



LED ARRAY
 30W
 3500 lm
 4000K/CRI 80

35W
 4000 lm
 4000K/CRI 80

53W
 5500 lm
 4000K/CRI 80



Proyector para ser instalado a carril trifásico con fuente de luz LED. Fuente de alimentación 220-240V / 50-60Hz integrada.

Spotlight to be installed on 3-circuit-track with LED light source. Integrated power supply 220-240V / 50-60Hz.

30W - 3500 lm
 Non Dimmable
 09.2879.30
 09.2879.14
 Dali Version
 09.2879.30.DA
 09.2879.14.DA

35W - 4000 lm
 Non Dimmable
 09.2959.30
 09.2959.14
 Dali Version
 09.2959.30.DA
 09.2959.14.DA

53W - 5500 lm
 Non Dimmable
 09.2971.30
 09.2971.14
 Dali Version
 09.2971.30.DA
 09.2971.14.DA



SPOT

30W - 3500 lm
 Non Dimmable
 09.2880.30
 09.2880.14
 Dali Version
 09.2880.30.DA
 09.2880.14.DA

35W - 4000 lm
 Non Dimmable
 09.2960.30
 09.2960.14
 Dali Version
 09.2960.30.DA
 09.2960.14.DA

53W - 5500 lm
 Non Dimmable
 09.2972.30
 09.2972.14
 Dali Version
 09.2972.30.DA
 09.2972.14.DA



FLOOD

30W - 3500 lm
 Non Dimmable
 09.2881.30
 09.2881.14
 Dali Version
 09.2881.30.DA
 09.2881.14.DA

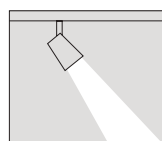
35W - 4000 lm
 Non Dimmable
 09.2961.30
 09.2961.14
 Dali Version
 09.2961.30.DA
 09.2961.14.DA



WIDE FLOOD

53W - 5500 lm
 Non Dimmable
 09.2973.30
 09.2973.14
 Dali Version
 09.2973.30.DA
 09.2973.14.DA

LED INCL.
 NOT REPLACEABLE

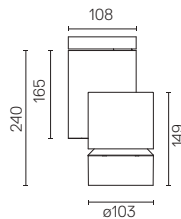


SOLID PURE

SOLID PURE CEILING



LED ARRAY
23W
2500 lm
4000K/CRI 80



Proyector para ser instalado a techo/pared con fuente de luz LED. Fuente de alimentación 220-240V / 50-60Hz integrada.

Spotlight to be installed on ceiling/wall with LED light source. Integrated power supply 220-240V / 50-60Hz.

23W - 2500 lm
Non Dimmable
09.2865.30
09.2865.14
Dali Version
09.2865.30.DA
09.2865.14.DA



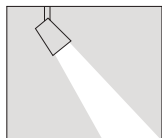
23W - 2500 lm
Non Dimmable
09.2866.30
09.2866.14
Dali Version
09.2866.30.DA
09.2866.14.DA



23W - 2500 lm
Non Dimmable
09.2867.30
09.2867.14
Dali Version
09.2867.30.DA
09.2867.14.DA



LED INCL.
NOT REPLACEABLE



Accesorios Accessories

Todos los accesorios deben ser utilizados siempre con el aro soporte. Dicho aro soporte permite la instalación de un elemento apantallador tipo "nido de abeja", de un filtro de color o de un elemento apantallador + un filtro de color.

All accessories should always be used with the holding ring. This holding ring allows to use the spotlight with a "Honeycomb" anti-glare screen or a color filter or both, a "Honeycomb" + a color filter.

Aro soporte.



08.8768.14

Holding ring.

Elemento apantallador tipo "nido de abeja", realizado en aluminio y acabado en negro.



08.8763.14

"Honeycomb" anti-glare screen: in thin, black-painted aluminium sheets.

FILTRO AZUL
BLUE FILTER



08.8766.64.OD

FILTRO CELESTE
SKY BLUE FILTER



08.8766.65.OD

FILTRO ÁMBAR
AMBER FILTER



08.8766.66.OD

FILTRO ROJO
RED FILTER



08.8766.67.OD

SOLID PURE

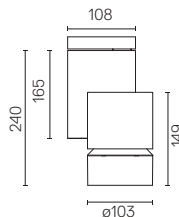
SOLID PURE CEILING



LED ARRAY
30W
3500 lm
4000K/CRI 80

35W
4000 lm
4000K/CRI 80

53W
5500 lm
4000K/CRI 80



Proyector para ser instalado a techo/pared con fuente de luz LED. Fuente de alimentación 220-240V / 50-60Hz integrada.

Spotlight to be installed on ceiling/wall with LED light source. Integrated power supply 220-240V / 50-60Hz.



SPOT

30W - 3500 lm
 Non Dimmable
 09.2882.30
 09.2882.14
 Dali Version
 09.2882.30.DA
 09.2882.14.DA

35W - 4000 lm
 Non Dimmable
 09.2962.30
 09.2962.14
 Dali Version
 09.2962.30.DA
 09.2962.14.DA

53W - 5500 lm
 Non Dimmable
 09.2974.30
 09.2974.14
 Dali Version
 09.2974.30.DA
 09.2974.14.DA



FLOOD

30W - 3500 lm
 Non Dimmable
 09.2883.30
 09.2883.14
 Dali Version
 09.2883.30.DA
 09.2883.14.DA

35W - 4000 lm
 Non Dimmable
 09.2963.30
 09.2963.14
 Dali Version
 09.2963.30.DA
 09.2963.14.DA

53W - 5500 lm
 Non Dimmable
 09.2975.30
 09.2975.14
 Dali Version
 09.2975.30.DA
 09.2975.14.DA

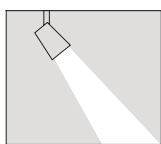


WIDE FLOOD

30W - 3500 lm
 Non Dimmable
 09.2884.30
 09.2884.14
 Dali Version
 09.2884.30.DA
 09.2884.14.DA

35W - 4000 lm
 Non Dimmable
 09.2964.30
 09.2964.14
 Dali Version
 09.2964.30.DA
 09.2964.14.DA

53W - 5500 lm
 Non Dimmable
 09.2976.30
 09.2976.14
 Dali Version
 09.2976.30.DA
 09.2976.14.DA



LED INCL.
 NOT REPLACEABLE

			IP 20	1,90 Kg	03 PENDING	GWT 850°
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PURE SPOT

DESIGNED BY KNUD HOLSCHER

Versión













Version

PURE 1 SPOT PURE 1 SPOT PRO PURE 2 SPOT PURE 2 SPOT PRO PURE 2 SPOT WALL-WASHER PURE 3 SPOT PURE 3 SPOT PRO



Fuentes de Luz

Light Sources

 <p>LED ARRAY 26W 2140 lm 3000K CRI 80</p>	 <p>PHOSPHOR LED 19,5W 2000 lm 3000K/CRI 80 17W 1400 lm 3000K/CRI 98</p>	 <p>QT-12 GY6.35 MAX 100W</p>	 <p>QR-111 G53 MAX 100W - OR - LED QR-111</p>
 <p>POWER LED 15,7W 1400 lm 2700K/CRI 80 3000K/CRI 80</p>	 <p>QT-12 GY6.35 MAX 50W</p>	 <p>CDM-TC G8.5 35/70W</p>	 <p>HIT-CRI G12 35/70/150W</p>
 <p>QR-CBC 51 GX5.3 MAX 50W - OR - LED QR-CBC 51 7/10W</p>	 <p>CDM-TM PGJ5 20/35W</p>		 <p>CDM-R111 GX8.5 35/70W</p>
	 <p>HI PAR 51 GX10 20/35W</p>		

Colores

Colours

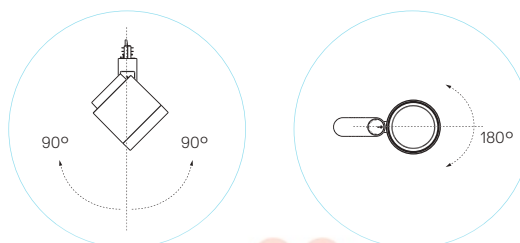
- 30 Blanco
RAL 9001
30 White
- 02 Gris
RAL 9006
02 Grey
- 14 Negro
RAL 9005
14 Black



Rotación

Rotation Features

Puede ser orientado 180° y rotado 180°.
Can be swivelled 180° and rotated 180°.



Premios

Awards



reddot design award
winner 2008

DESIGN PLUS

PURE SPOT

Descripción

Proyector para ser instalado a techo o a carril trifásico. Para lámparas LED, lámparas halógenas de baja tensión y de descarga. Portalámparas cerámico o de tecnopolímero autoextinguible, con cables eléctricos unipolares aislados. Teflón con doble aislamiento transparente. Cuerpo para la lámpara constituido por un elemento disipador realizado en aluminio, colocado sobre el portalámparas, por un anillo que sostiene los reflectores realizado de material termoplástico de color negro y por un vidrio templado de 4mm de espesor. Cuerpo, tapa de cierre y soporte orientable de la lámpara son de aleación de aluminio inyectado a presión, con acabados en pintura polvo de color blanco, gris o negro. Adaptador trifásico incluido para la versión a carril. Disponible en los acabados: blanco (30), gris (02) y negro (14).

Reflectores

Todas las ópticas están realizadas en aluminio superpuro con acabado especular. Circular simétrico giratorio. Desde super spot 6° hasta wide flood 57°.

Fuentes de Luz

LED:

- LED Array, 26W.
- Phosphor LED, 17/19,5W.
- Power LED, 15,7W.

Halógenas:

- QT-12, max 100W.
 - QR-111, max 100W. (Es posible hacer un retrofit con lámparas LED convencionales).
 - QR-CBC 51, max 50W. (Es posible hacer un retrofit con lámparas LED convencionales).
- * Retrofit recomendado solo con lámparas de FLOS.

De descarga:

- CDM-TM, 20/35W.
- CDM-TC, 35/70W.
- HIT-CRI, 35/70/150W.
- HI PAR 51, 20/35W.
- CDM-R111, 35/70W.

Unidades de Alimentación

LED:

- Transformador electrónico de corriente constante no regulable 220/240V-50/60Hz.

Halógenas:

- Transformador electrónico 230-240V/12V, 20-100W regulable del 10-100%; esta regulación puede realizarse directamente en el proyector utilizando un potenciómetro incorporado, o desde la instalación eléctrica un regulador de intensidad luminosa con "interrupción de fase ascendente (trailing edge)", bajo petición.

De descarga:

- Unidades de alimentación electrónicas de última generación y reducido tamaño, sin regulación.

Accesorios

- lente de distribución elíptica de vidrio templado de 4mm.
- rejilla antideslumbramiento realizada en celdas de aluminio.
- filtros cromáticos.

Información Adicional

Posibilidad de rotación a 180° en el eje vertical, de 180° en el horizontal. Lámpara con sistema de bloqueo tanto horizontal como vertical.

Índice de protección IP20.

Clase de aislamiento I.

Instalable sobre superficies normalmente inflamables.

Las luminarias de FLOS a carril trifásico estándar están diseñadas y completamente probadas para los carriles recomendados por FLOS. Su compatibilidad está garantizada con carriles trifásicos fabricados por Nordic Aluminium y Eutrac. Si desea confirmar su compatibilidad con otros carriles, póngase en contacto con FLOS antes de instalarlas.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Luminaire for ceiling or three-phase electric track installation. For LED lamps, very low voltage halogen lamps or standard and discharge lamps. Self-extinguishing ceramic or engineering plastic lamp holders, with single-pole, transparent electric wires with double Teflon insulation. Aluminum body, placed above the lamp holder, black thermoplastic and 4mm tempered glass screen-support ring. Die-cast aluminum alloy body, cover and adjustable lamp support, powder-coated white, grey or black. Thermoplastic three-phase adapter.

Available finishes: white (30), grey (02) and black (14).

Reflectors

All super pure aluminum with specular finish.

Circular rotosymmetrical from 6° super spot to 57° wide flood.

Light Sources

LED:

- LED Array, 26W.
- Phosphor LED, 17/19,5W.
- Power LED, 15,7W.

Halogen:

- QT-12, max 100W.
 - QR-111, max 100W. (Retrofit possible with conventional LED lamps).
 - QR-CBC 51, max 50W. (Retrofit possible with conventional LED lamps).
- * Retrofit recommended only with FLOS lamps.

Discharge:

- CDM-TM, 20/35W.
- CDM-TC, 35/70W.
- HIT-CRI, 35/70/150W.
- HI PAR 51, 20/35W.
- CDM-R111, 35/70W.

Power Supply

LED:

- Electronic transformer with non-adjustable constant current 220/240V 50/60Hz.

Halogen:

- 230-240V/12V, 20-100W electronic transformer, 10-100% adjustment; adjustment either on the luminaire using an incorporated potentiometer, or by installing a trailing edge dimmer on request.

Discharge:

- Compact, next-generation power supply, non-adjustable.

Accessories

- 4mm tempered glass elliptical distribution lens.
- anti-glare grid in aluminium cells with black liquid paint finish.
- chromatic filters.

Additional Information

0° - 180° vertical rotation, 0° - 180° horizontal rotation. Horizontal and vertical locking system.

IP20 protection grade.

Insulation class I.

Suitable for installation on normally inflammable surfaces. FLOS three-phase lighting track luminaires are designed and fully tested for tracks recommended by FLOS. Compatibility is guaranteed with three-phase track produced by Nordic Aluminium and Eutrac. To verify compatibility with any other track, please contact FLOS before installation.

Standard Compliance and Quality Marks

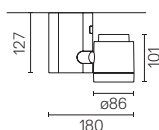
EN60598-1 European Technical Standards and any subsequent additions.

PURE SPOT

PURE 1 SPOT TRACK

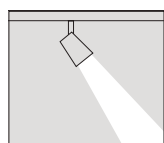
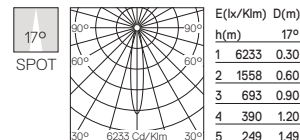


LED ARRAY
26W
2140 lm
3000K
CRI 80



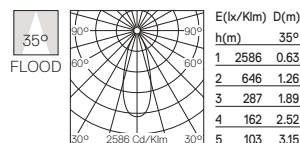
Proyector para ser instalado a carril trifásico con fuente de luz LED. Fuente de alimentación 220/240V, 50/60Hz integrada.

- 09.2570.30
- 09.2570.02
- 09.2570.14



Spotlight to be installed on 3-phase track with LED light source. 220/240V, 50/60Hz power supply integrated.

- 09.2571.30
- 09.2571.02
- 09.2571.14

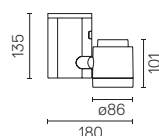


LED INCL.
NOT REPLACEABLE

PURE 1 SPOT CEILING

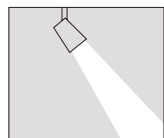
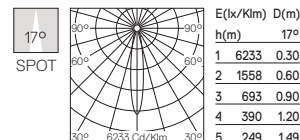


LED ARRAY
26W
2140 lm
3000K
CRI 80



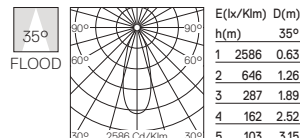
Proyector para ser instalado a techo/pared con fuente de luz LED. Fuente de alimentación 220/240V, 50/60Hz integrada.

- 09.2575.30
- 09.2575.02
- 09.2575.14



Spotlight to be installed on ceiling/wall with LED light source. 220/240V, 50/60Hz power supply integrated.

- 09.2576.30
- 09.2576.02
- 09.2576.14

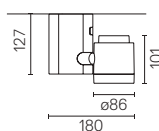


LED INCL.
NOT REPLACEABLE

PURE 1 SPOT TRACK

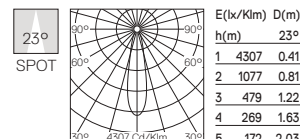


PHOSPHOR LED
19,5W
2000 lm
3000K/CRI 80



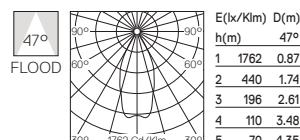
Proyector para ser instalado a carril trifásico. Transformador electrónico 220/240V, 50/60Hz para LED de fósforo integrado. LED incorporado.

- CRI 98
- 09.2400.30A
 - 09.2400.02A
 - 09.2400.14A



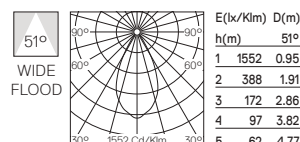
Spotlight to be installed on 3-phase track. Electronic transformer 220/240V, 50/60Hz for phosphor LED integrated. LED integrated.

- CRI 80
- 09.2410.30B
 - 09.2410.02B
 - 09.2410.14B



- CRI 98
- 09.2401.30A
 - 09.2401.02A
 - 09.2401.14A

- CRI 80
- 09.2411.30B
 - 09.2411.02B
 - 09.2411.14B



- CRI 98
- 09.2402.30A
 - 09.2402.02A
 - 09.2402.14A

- CRI 80
- 09.2412.30B
 - 09.2412.02B
 - 09.2412.14B



LED INCL.
NOT REPLACEABLE

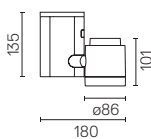
PURE SPOT

PURE 1 SPOT CEILING



PHOSPHOR LED
19,5W
2000 lm
3000K/CRI 80

17W
1400 lm
3000K/CRI 98

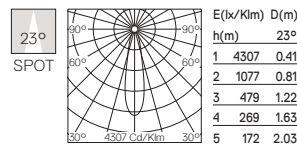


Proyector para ser instalado a techo/pared. Transformador electrónico 220/240V, 50/60Hz para LED de fósforo integrado. LED incorporado.

Spotlight to be installed on ceiling/wall. Electronic transformer 220/240V, 50/60Hz for phosphor LED integrated. LED incorporated.

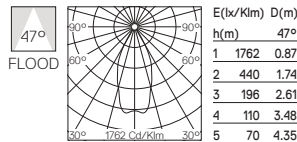
CRI 98
 09.2450.30A
 09.2450.02A
 09.2450.14A

CRI 80
 09.2460.30B
 09.2460.02B
 09.2460.14B



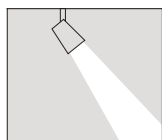
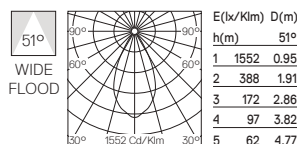
CRI 98
 09.2451.30A
 09.2451.02A
 09.2451.14A

CRI 80
 09.2461.30B
 09.2461.02B
 09.2461.14B



CRI 98
 09.2452.30A
 09.2452.02A
 09.2452.14A

CRI 80
 09.2462.30B
 09.2462.02B
 09.2462.14B

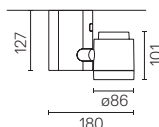


LED INCL.
NOT REPLACEABLE

PURE 1 SPOT TRACK



POWER LED
15,7W
1400 lm
2700K/CRI 80
3000K/CRI 80

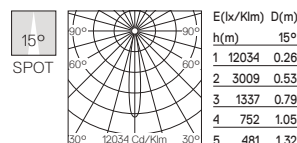


Proyector para ser instalado a carril trifásico con fuente de luz LED. Fuente de alimentación 220/240V, 50/60Hz integrada.

Spotlight to be installed on 3-phase track with LED light source. 220/240V, 50/60Hz power supply integrated.

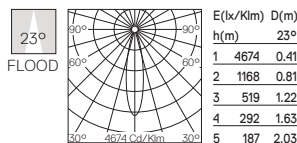
2700K
 09.2405.30A
 09.2405.02A
 09.2405.14A

3000K
 09.2415.30A
 09.2415.02A
 09.2415.14A



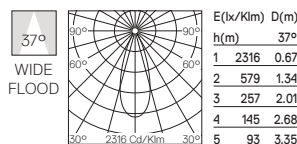
2700K
 09.2406.30A
 09.2406.02A
 09.2406.14A

3000K
 09.2416.30A
 09.2416.02A
 09.2416.14A



2700K
 09.2407.30A
 09.2407.02A
 09.2407.14A

3000K
 09.2417.30A
 09.2417.02A
 09.2417.14A



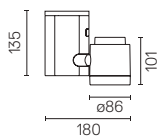
LED INCL.
NOT REPLACEABLE

PURE SPOT

PURE 1 SPOT CEILING



POWER LED
15,7W
1400 lm
2700K/CRI 80
3000K/CRI 80

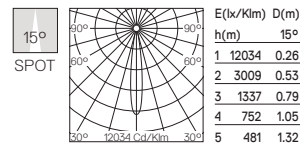


Proyector para ser instalado a techo/pared con fuente de luz LED. Fuente de alimentación 220/240V, 50/60Hz integrada.

Spotlight to be installed on ceiling/wall with LED light source. 220/240V, 50/60Hz power supply integrated.

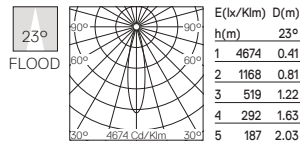
2700K
 09.2455.30A
 09.2455.02A
 09.2455.14A

3000K
 09.2465.30A
 09.2465.02A
 09.2465.14A



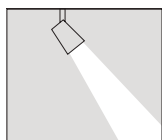
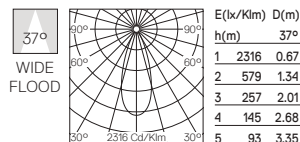
2700K
 09.2456.30A
 09.2456.02A
 09.2456.14A

3000K
 09.2466.30A
 09.2466.02A
 09.2466.14A



2700K
 09.2457.30A
 09.2457.02A
 09.2457.14A

3000K
 09.2467.30A
 09.2467.02A
 09.2467.14A

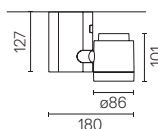


LED INCL.
NOT REPLACEABLE

PURE 1 SPOT TRACK



QT-12
GY6.35
MAX 50W



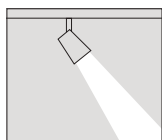
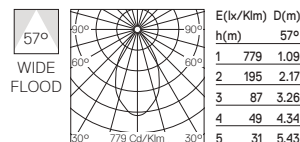
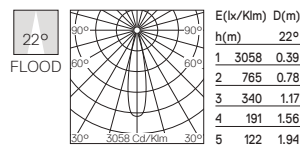
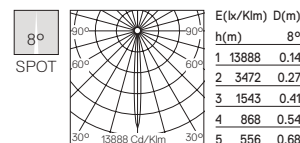
Proyector para ser instalado a carril trifásico. Transformador electrónico integrado 220/240V – 12V, 50/60Hz. Regulación desde 10% al 100% de la intensidad luminosa mediante potenciómetro incorporado.

Spotlight to be installed on 3-phase track. Electronic transformer integrated 220/240V – 12V, 50/60Hz. Dimmerable from 10% to 100% of full output using built-in potentiometer.

09.1003.30
 09.1003.02
 09.1003.14

09.1004.30
 09.1004.02
 09.1004.14

09.1005.30
 09.1005.02
 09.1005.14

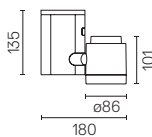


PURE SPOT

PURE 1 SPOT CEILING

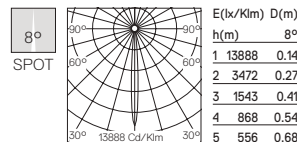


QT-12
GY6.35
MAX 50W



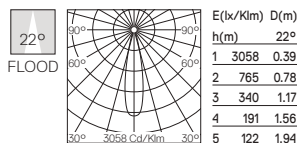
Proyector para ser instalado a techo/pared. Transformador electrónico integrado 220/240V – 12V, 50/60Hz. Regulación desde 10% al 100% de la intensidad luminosa mediante potenciómetro incorporado.

09.1103.30
09.1103.02
09.1103.14



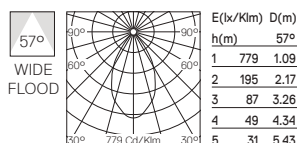
Spotlight to be installed on ceiling/wall. Electronic transformer integrated 220/240V – 12V, 50/60Hz. Dimmerable from 10% to 100% of full output using built-in potentiometer.

09.1104.30
09.1104.02
09.1104.14



Spotlight to be installed on ceiling/wall. Electronic transformer integrated 220/240V – 12V, 50/60Hz. Dimmerable from 10% to 100% of full output using built-in potentiometer.

09.1105.30
09.1105.02
09.1105.14



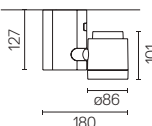
PURE 1 SPOT TRACK



QR-CBC 51
GX5.3
MAX 50W

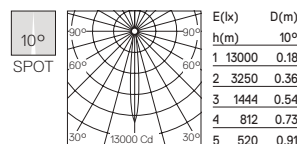
- OR -

LED
QR-CBC 51
GX5.3
7/10W

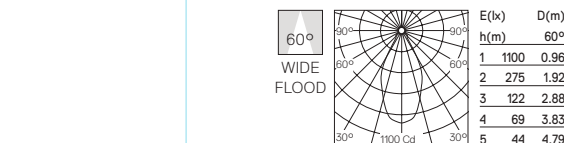


Proyector para ser instalado a carril trifásico. Transformador electrónico integrado 220/240V – 12V, 50/60Hz. Regulación desde 10% al 100% de la intensidad luminosa mediante potenciómetro incorporado.

09.1000.30
09.1000.02
09.1000.14



Spotlight to be installed on 3-phase track. Electronic transformer integrated 220/240V – 12V, 50/60Hz. Dimmerable from 10% to 100% of full output using built-in potentiometer.



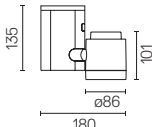
PURE 1 SPOT CEILING



QR-CBC 51
GX5.3
MAX 50W

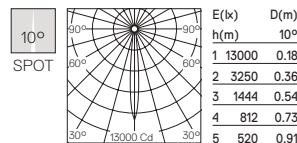
- OR -

LED
QR-CBC 51
GX5.3
7/10W

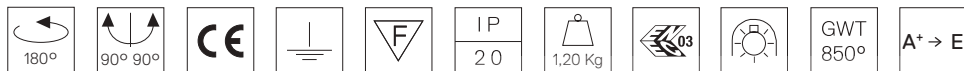
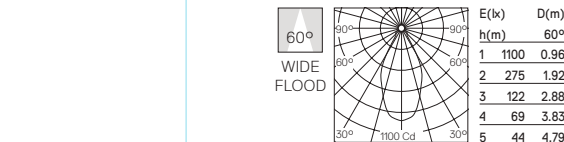


Proyector para ser instalado a techo/pared. Transformador electrónico integrado 220/240V – 12V, 50/60Hz. Regulación desde 10% al 100% de la intensidad luminosa mediante potenciómetro incorporado.

09.1100.30
09.1100.02
09.1100.14



Spotlight to be installed on ceiling/wall. Electronic transformer integrated 220/240V – 12V, 50/60Hz. Dimmerable from 10% to 100% of full output using built-in potentiometer.

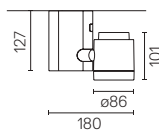


PURE SPOT

PURE 1 SPOT TRACK



CDM-TM
PGJ5
20/35W

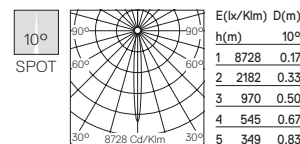


Proyector para ser instalado a carril trifásico. Balasto electrónico integrado 220/240V, 50/60Hz.

Spotlight to be installed on 3-phase track. Electronic control gear 220/240V, 50/60Hz integrated.

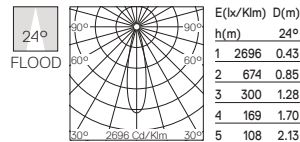
- 20W
- ☐ 09.1006.30
 - ▒ 09.1006.02
 - 09.1006.14

- 35W
- ☐ 09.1009.30
 - ▒ 09.1009.02
 - 09.1009.14



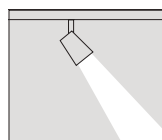
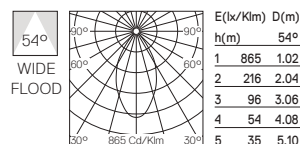
- 20W
- ☐ 09.1007.30
 - ▒ 09.1007.02
 - 09.1007.14

- 35W
- ☐ 09.1010.30
 - ▒ 09.1010.02
 - 09.1010.14



- 20W
- ☐ 09.1008.30
 - ▒ 09.1008.02
 - 09.1008.14

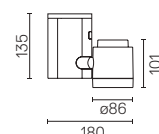
- 35W
- ☐ 09.1011.30
 - ▒ 09.1011.02
 - 09.1011.14



PURE 1 SPOT CEILING



CDM-TM
PGJ5
20/35W

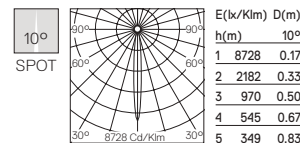


Proyector para ser instalado a techo/pared. Balasto electrónico integrado 220/240V, 50/60Hz.

Spotlight to be installed on ceiling/wall. Electronic control gear 220/240V, 50/60Hz integrated.

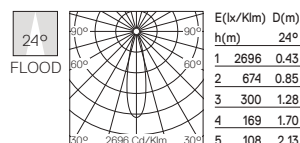
- 20W
- ☐ 09.1106.30
 - ▒ 09.1106.02
 - 09.1106.14

- 35W
- ☐ 09.1109.30
 - ▒ 09.1109.02
 - 09.1109.14



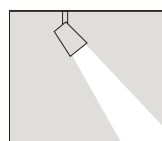
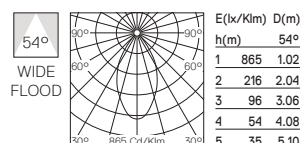
- 20W
- ☐ 09.1107.30
 - ▒ 09.1107.02
 - 09.1107.14

- 35W
- ☐ 09.1110.30
 - ▒ 09.1110.02
 - 09.1110.14



- 20W
- ☐ 09.1108.30
 - ▒ 09.1108.02
 - 09.1108.14

- 35W
- ☐ 09.1111.30
 - ▒ 09.1111.02
 - 09.1111.14

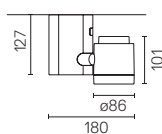


PURE SPOT

PURE 1 SPOT TRACK



HI PAR 51
GX10
20/35W



Proyector para ser instalado a carril trifásico. Balasto electrónico integrado 220/240V, 50/60Hz.

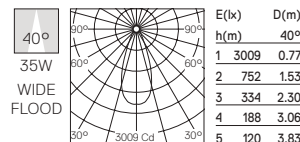
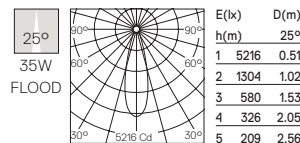
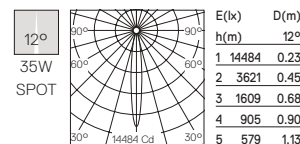
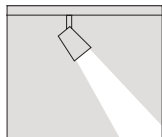
20W
 09.1001.30A
 09.1001.02A
 09.1001.14A

Spotlight to be installed on 3-phase track. Electronic control gear 220/240V, 50/60Hz integrated.

35W
 09.1002.30A
 09.1002.02A
 09.1002.14A

Solo compatible con lámparas Philips CDM-Rm y GE CMH-MR16.

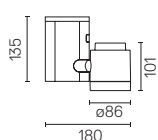
Only compatible with Philips CDM-Rm and GE CMH-MR16 lamps.



PURE 1 SPOT CEILING



HI PAR 51
GX10
20/35W



Proyector para ser instalado a techo/pared. Balasto electrónico integrado 220/240V, 50/60Hz.

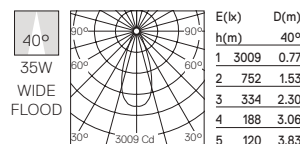
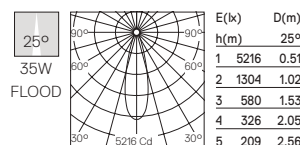
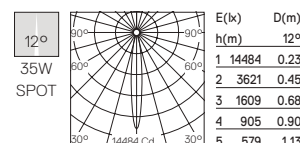
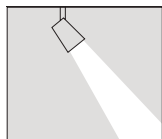
20W
 09.1101.30A
 09.1101.02A
 09.1101.14A

Spotlight to be installed on ceiling/wall. Electronic control gear 220/240V, 50/60Hz integrated.

35W
 09.1102.30A
 09.1102.02A
 09.1102.14A

Solo compatible con lámparas Philips CDM-Rm y GE CMH-MR16.

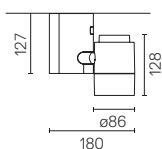
Only compatible with Philips CDM-Rm and GE CMH-MR16 lamps.



PURE 1 SPOT PRO TRACK



LED ARRAY
26W
2140 lm
3000K
CRI 80



Proyector para ser instalado a carril trifásico con fuente de luz LED. Fuente de alimentación 220/240V, 50/60Hz integrada.

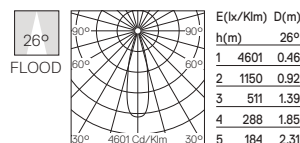
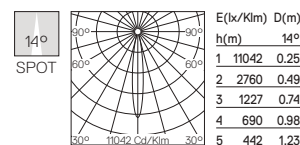
09.2580.30
 09.2580.02
 09.2580.14

Spotlight to be installed on 3-phase track with LED light source. 220/240V, 50/60Hz power supply integrated.

09.2581.30
 09.2581.02
 09.2581.14



LED INCL.
NOT REPLACEABLE

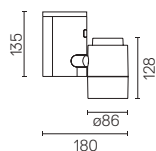


PURE SPOT

PURE 1 SPOT PRO CEILING

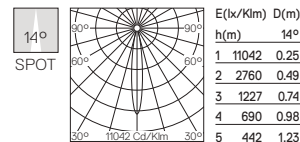


LED ARRAY
26W
2140 lm
3000K
CRI 80



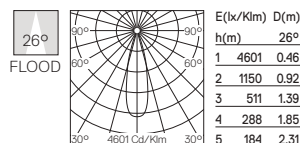
Proyector para ser instalado a techo/pared con fuente de luz LED. Fuente de alimentación 220/240V, 50/60Hz integrada.

09.2585.30
09.2585.02
09.2585.14



Spotlight to be installed on ceiling/wall with LED light source. 220/240V, 50/60Hz power supply integrated.

09.2586.30
09.2586.02
09.2586.14

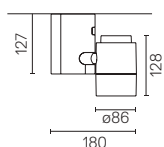


LED INCL.
NOT REPLACEABLE

PURE 1 SPOT PRO TRACK

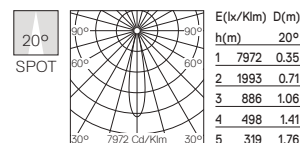


PHOSPHOR LED
19,5W
2000 lm
3000K/CRI 80



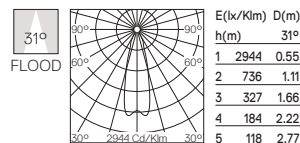
Proyector para ser instalado a carril trifásico. Transformador electrónico 220/240V, 50/60Hz para LED de fósforo integrado. LED incorporado.

CRI 98
09.2420.30A
09.2420.02A
09.2420.14A



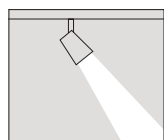
Spotlight to be installed on 3-phase track. Electronic transformer 220/240V, 50/60Hz for phosphor LED integrated. LED integrated.

CRI 80
09.2430.30B
09.2430.02B
09.2430.14B

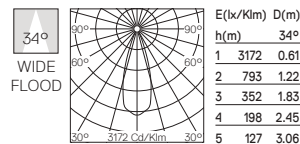


CRI 98
09.2421.30A
09.2421.02A
09.2421.14A

CRI 80
09.2431.30B
09.2431.02B
09.2431.14B



CRI 98
09.2422.30A
09.2422.02A
09.2422.14A



CRI 80
09.2432.30B
09.2432.02B
09.2432.14B



LED INCL.
NOT REPLACEABLE

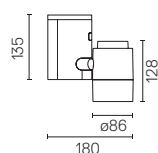
PURE SPOT

PURE 1 SPOT PRO CEILING



PHOSPHOR LED
19,5W
2000 lm
3000K/CRI 80

17W
1400 lm
3000K/CRI 98

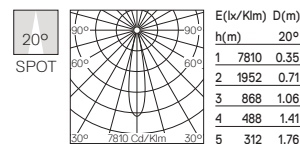


Proyector para ser instalado a techo/pared. Transformador electrónico 220/240V, 50/60Hz para LED de fósforo integrado. LED incorporado.

Spotlight to be installed on ceiling/wall. Electronic transformer 220/240V, 50/60Hz for phosphor LED integrated. LED incorporated.

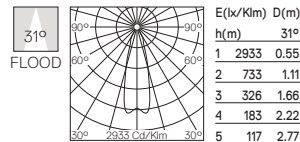
CRI 98
 09.2470.30A
 09.2470.02A
 09.2470.14A

CRI 80
 09.2480.30B
 09.2480.02B
 09.2480.14B



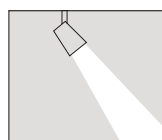
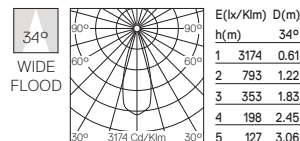
CRI 98
 09.2471.30A
 09.2471.02A
 09.2471.14A

CRI 80
 09.2481.30B
 09.2481.02B
 09.2481.14B



CRI 98
 09.2472.30A
 09.2472.02A
 09.2472.14A

CRI 80
 09.2482.30B
 09.2482.02B
 09.2482.14B

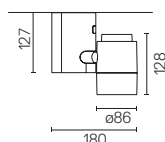


LED INCL.
NOT REPLACEABLE

PURE 1 SPOT PRO TRACK



POWER LED
15,7W
1400 lm
2700K/CRI 80
3000K/CRI 80

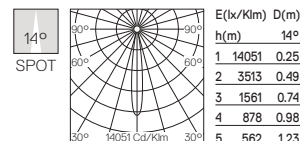


Proyector para ser instalado a carril trifásico con fuente de luz LED. Fuente de alimentación 220/240V, 50/60Hz integrada.

Spotlight to be installed on 3-phase track with LED light source. 220/240V, 50/60Hz power supply integrated.

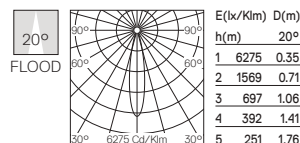
2700K
 09.2425.30A
 09.2425.02A
 09.2425.14A

3000K
 09.2435.30A
 09.2435.02A
 09.2435.14A



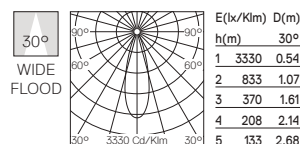
2700K
 09.2426.30A
 09.2426.02A
 09.2426.14A

3000K
 09.2436.30A
 09.2436.02A
 09.2436.14A



2700K
 09.2427.30A
 09.2427.02A
 09.2427.14A

3000K
 09.2437.30A
 09.2437.02A
 09.2437.14A



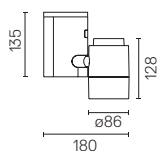
LED INCL.
NOT REPLACEABLE

PURE SPOT

PURE 1 SPOT PRO CEILING



POWER LED
15,7W
1400 lm
2700K/CRI 80
3000K/CRI 80

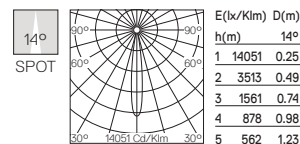


Proyector para ser instalado a techo/pared con fuente de luz LED. Fuente de alimentación 220/240V, 50/60Hz integrada.

Spotlight to be installed on ceiling/wall with LED light source. 220/240V, 50/60Hz power supply integrated.

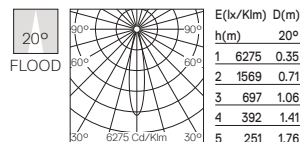
2700K
 09.2475.30A
 09.2475.02A
 09.2475.14A

3000K
 09.2485.30A
 09.2485.02A
 09.2485.14A



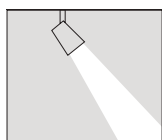
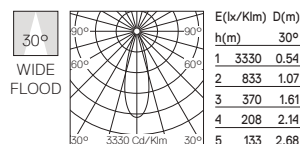
2700K
 09.2476.30A
 09.2476.02A
 09.2476.14A

3000K
 09.2486.30A
 09.2486.02A
 09.2486.14A



2700K
 09.2477.30A
 09.2477.02A
 09.2477.14A

3000K
 09.2487.30A
 09.2487.02A
 09.2487.14A

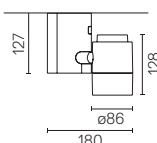


LED INCL.
NOT REPLACEABLE

PURE 1 SPOT PRO TRACK



QT-12
GY6.35
MAX 50W



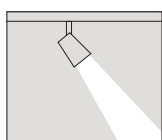
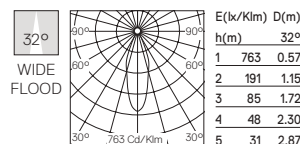
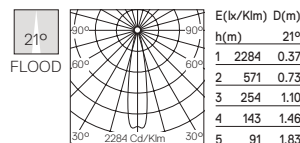
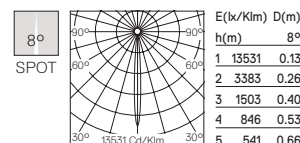
Proyector para ser instalado a carril trifásico. Transformador electrónico integrado 220/240V – 12V, 50/60Hz. Regulación desde 10% al 100% de la intensidad luminosa mediante potenciómetro incorporado.

Spotlight to be installed on 3-phase track. Electronic transformer integrated 220/240V – 12V, 50/60Hz. Dimmerable from 10% to 100% of full output using built-in potentiometer.

09.1073.30
 09.1073.02
 09.1073.14

09.1074.30
 09.1074.02
 09.1074.14

09.1075.30
 09.1075.02
 09.1075.14

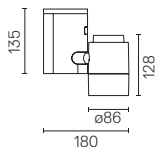


PURE SPOT

PURE 1 SPOT PRO CEILING

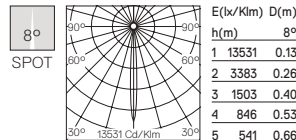


QT-12
GY6.35
MAX 50W



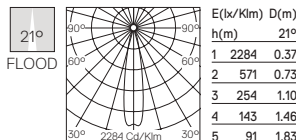
Proyector para ser instalado a techo/pared. Transformador electrónico integrado 220/240V – 12V, 50/60Hz. Regulación desde 10% al 100% de la intensidad luminosa mediante potenciómetro incorporado.

- 09.1173.30
- 09.1173.02
- 09.1173.14



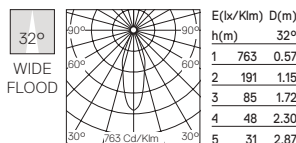
Spotlight to be installed on ceiling/wall. Electronic transformer integrated 220/240V – 12V, 50/60Hz. Dimmerable from 10% to 100% of full output using built-in potentiometer.

- 09.1174.30
- 09.1174.02
- 09.1174.14



Spotlight to be installed on ceiling/wall. Electronic transformer integrated 220/240V – 12V, 50/60Hz. Dimmerable from 10% to 100% of full output using built-in potentiometer.

- 09.1175.30
- 09.1175.02
- 09.1175.14



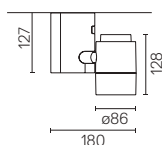
PURE 1 SPOT PRO TRACK



QR-CBC 51
GX5.3
MAX 50W

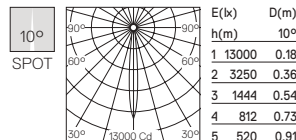
- OR -

LED
QR-CBC 51
GX5.3
7/10W

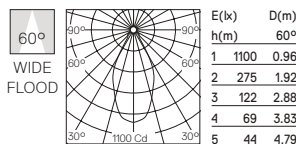


Proyector para ser instalado a carril trifásico. Transformador electrónico integrado 220/240V – 12V, 50/60Hz. Regulación desde 10% al 100% de la intensidad luminosa mediante potenciómetro incorporado.

- 09.1070.30
- 09.1070.02
- 09.1070.14



Spotlight to be installed on 3-phase track. Electronic transformer integrated 220/240V – 12V, 50/60Hz. Dimmerable from 10% to 100% of full output using built-in potentiometer.



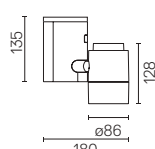
PURE 1 SPOT PRO CEILING



QR-CBC 51
GX5.3
MAX 50W

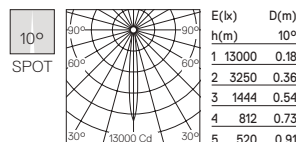
- OR -

LED
QR-CBC 51
GX5.3
7/10W

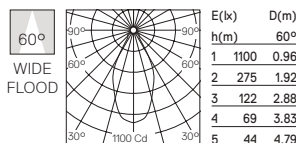


Proyector para ser instalado a techo/pared. Transformador electrónico integrado 220/240V – 12V, 50/60Hz. Regulación desde 10% al 100% de la intensidad luminosa mediante potenciómetro incorporado.

- 09.1170.30
- 09.1170.02
- 09.1170.14



Spotlight to be installed on ceiling/wall. Electronic transformer integrated 220/240V – 12V, 50/60Hz. Dimmerable from 10% to 100% of full output using built-in potentiometer.

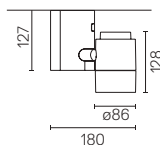


PURE SPOT

PURE 1 SPOT PRO TRACK



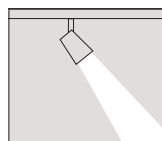
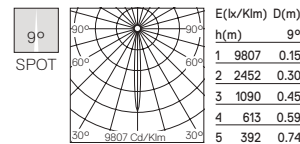
CDM-TM
PGJ5
20/35W



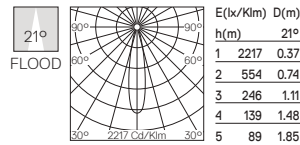
Proyector para ser instalado a carril trifásico. Balasto electrónico integrado 220/240V, 50/60Hz.

Spotlight to be installed on 3-phase track. Electronic control gear 220/240V, 50/60Hz integrated.

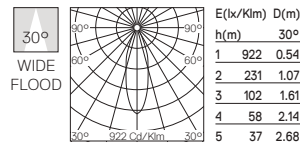
20W	09.1076.30
	09.1076.02
	09.1076.14
35W	09.1079.30
	09.1079.02
	09.1079.14



20W	09.1077.30
	09.1077.02
	09.1077.14
35W	09.1080.30
	09.1080.02
	09.1080.14



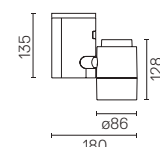
20W	09.1078.30
	09.1078.02
	09.1078.14
35W	09.1081.30
	09.1081.02
	09.1081.14



PURE 1 SPOT PRO CEILING



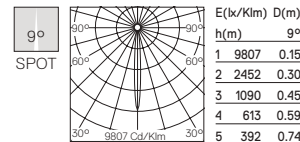
CDM-TM
PGJ5
20/35W



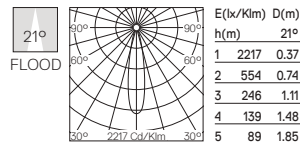
Proyector para ser instalado a techo/pared. Balasto electrónico integrado 220/240V, 50/60Hz.

Spotlight to be installed on ceiling/wall. Electronic control gear 220/240V, 50/60Hz integrated.

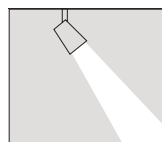
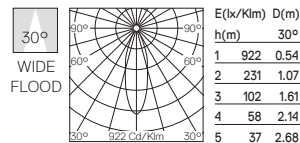
20W	09.1176.30
	09.1176.02
	09.1176.14
35W	09.1179.30
	09.1179.02
	09.1179.14



20W	09.1177.30
	09.1177.02
	09.1177.14
35W	09.1180.30
	09.1180.02
	09.1180.14



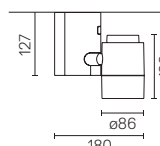
20W	09.1178.30
	09.1178.02
	09.1178.14
35W	09.1181.30
	09.1181.02
	09.1181.14



PURE 1 SPOT PRO TRACK



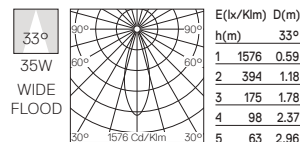
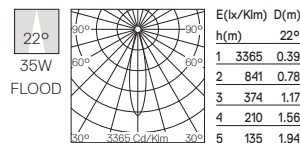
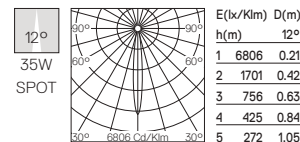
HI PAR 51
GX10
20/35W



Proyector para ser instalado a carril trifásico. Balasto electrónico integrado 220/240V, 50/60Hz.

Spotlight to be installed on 3-phase track. Electronic control gear 220/240V, 50/60Hz integrated.

20W	09.1071.30A
	09.1071.02A
	09.1071.14A
35W	09.1072.30A
	09.1072.02A
	09.1072.14A



Solo compatible con lámparas Philips CDM-Rm y GE CMH-MR16.

Only compatible with Philips CDM-Rm and GE CMH-MR16 lamps.

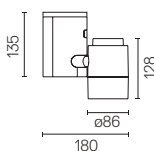


PURE SPOT

PURE 1 SPOT PRO CEILING



HI PAR 51
GX10
20/35W



Proyector para ser instalado a techo/pared.
Balasto electrónico integrado 220/240V, 50/60Hz.

Spotlight to be installed on ceiling/wall. Electronic control gear 220/240V, 50/60Hz integrated.

20W

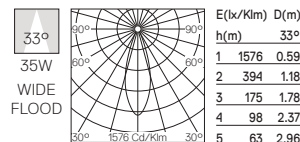
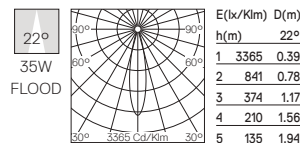
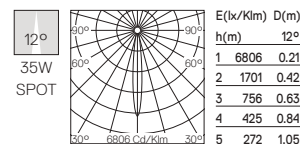
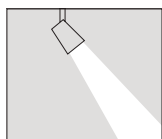
- 09.1171.30A
- 09.1171.02A
- 09.1171.14A

35W

- 09.1172.30A
- 09.1172.02A
- 09.1172.14A

Solo compatible con lámparas Philips CDM-Rm y GE CMH-MR16.

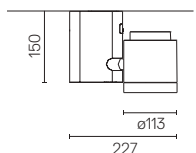
Only compatible with Philips CDM-Rm and GE CMH-MR16 lamps.



PURE 2 SPOT TRACK



QT-12
GY6.35
MAX 100W



Proyector para ser instalado a carril trifásico.
Transformador electrónico integrado 220/240V – 12V, 50/60Hz. Regulación desde 10% al 100% de la intensidad luminosa mediante potenciómetro incorporado.

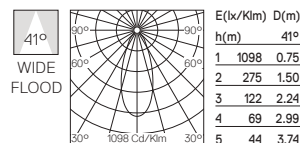
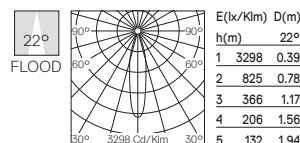
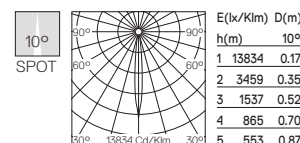
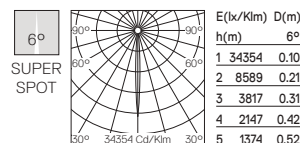
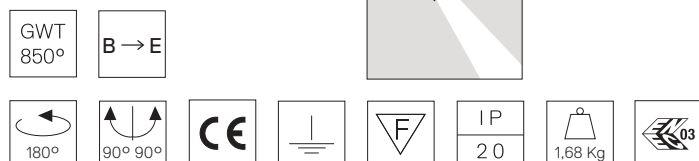
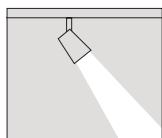
Spotlight to be installed on 3-phase track. Electronic transformer integrated 220/240V – 12V, 50/60Hz. Dimmerable from 10% to 100% of full output using built-in potentiometer.

- 09.1028.30
- 09.1028.02
- 09.1028.14

- 09.1026.30
- 09.1026.02
- 09.1026.14

- 09.1027.30
- 09.1027.02
- 09.1027.14

- 09.1029.30
- 09.1029.02
- 09.1029.14

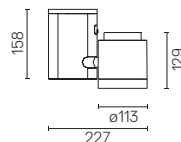


PURE SPOT

PURE 2 SPOT CEILING



QT-12
GY6.35
MAX 100W



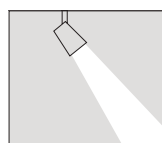
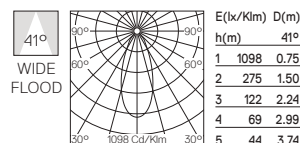
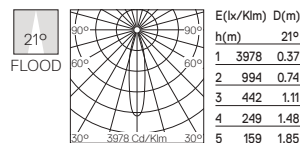
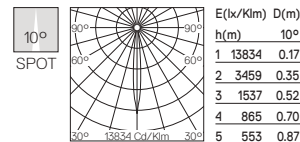
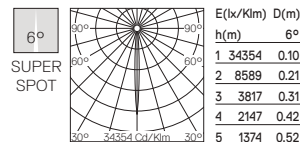
Proyector para ser instalado a techo/pared. Transformador electrónico integrado 220/240V – 12V, 50/60Hz. Regulación desde 10% al 100% de la intensidad luminosa mediante potenciómetro incorporado.

- 09.1128.30
- 09.1128.02
- 09.1128.14

Spotlight to be installed on ceiling/wall. Electronic transformer integrated 220/240V – 12V, 50/60Hz. Dimmerable from 10% to 100% of full output using built-in potentiometer.

- 09.1126.30
- 09.1126.02
- 09.1126.14

- 09.1127.30
- 09.1127.02
- 09.1127.14



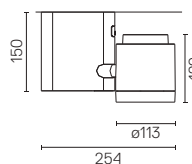
- 09.1129.30
- 09.1129.02
- 09.1129.14

180° 90° 90° CE IP 20 1.73 Kg GWT 850° B → E

PURE 2 SPOT TRACK



CDM-TC
G8.5
35/70W

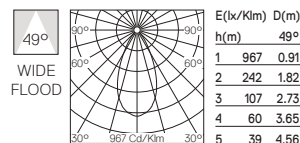
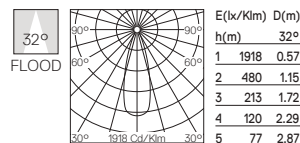
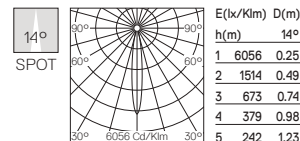


Proyector para ser instalado a carril trifásico. Balasto electrónico integrado 220/240V, 50/60Hz.

- 35W
- 09.1020.30
 - 09.1020.02
 - 09.1020.14

Spotlight to be installed on 3-phase track. Electronic control gear 220/240V, 50/60Hz integrated.

- 70W
- 09.1023.30
 - 09.1023.02
 - 09.1023.14

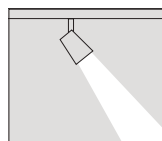


- 35W
- 09.1021.30
 - 09.1021.02
 - 09.1021.14

- 70W
- 09.1024.30
 - 09.1024.02
 - 09.1024.14

- 35W
- 09.1022.30
 - 09.1022.02
 - 09.1022.14

- 70W
- 09.1025.30
 - 09.1025.02
 - 09.1025.14



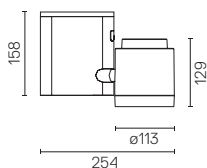
180° 90° 90° CE IP 20 1.97 Kg GWT 850° A* → A

PURE SPOT

PURE 2 SPOT CEILING



CDM-TC
G8.5
35/70W

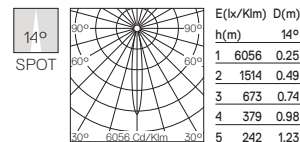


Proyector para ser instalado a techo/pared.
Balasto electrónico integrado 220/240V, 50/60Hz.

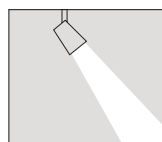
Spotlight to be installed on ceiling/wall. Electronic control gear 220/240V, 50/60Hz integrated.

35W
 09.1120.30
 09.1120.02
 09.1120.14

70W
 09.1123.30
 09.1123.02
 09.1123.14

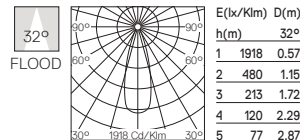


A* → A



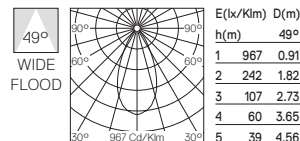
35W
 09.1121.30
 09.1121.02
 09.1121.14

70W
 09.1124.30
 09.1124.02
 09.1124.14



35W
 09.1122.30
 09.1122.02
 09.1122.14

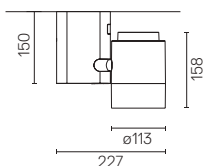
70W
 09.1125.30
 09.1125.02
 09.1125.14



PURE 2 SPOT PRO TRACK



QT-12
GY6.35
MAX 100W



Proyector para ser instalado a carril trifásico.
Transformador electrónico integrado 220/240V – 12V, 50/60Hz. Regulación desde 10% al 100% de la intensidad luminosa mediante potenciómetro incorporado.

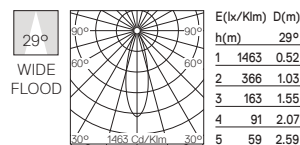
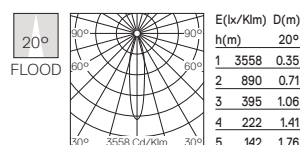
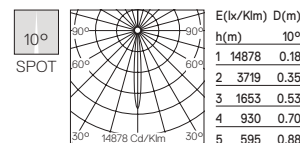
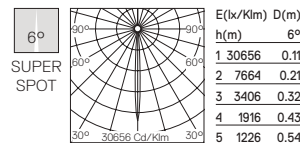
Spotlight to be installed on 3-phase track. Electronic transformer integrated 220/240V – 12V, 50/60Hz. Dimmable from 10% to 100% of full output using built-in potentiometer.

09.1058.30
 09.1058.02
 09.1058.14

09.1056.30
 09.1056.02
 09.1056.14

09.1057.30
 09.1057.02
 09.1057.14

09.1059.30
 09.1059.02
 09.1059.14

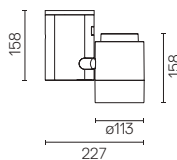


PURE SPOT

PURE 2 SPOT PRO CEILING



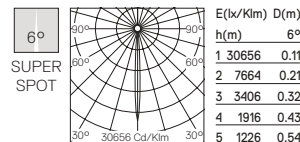
QT-12
GY6.35
MAX 100W



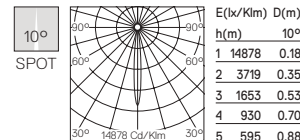
Proyector para ser instalado a techo/pared. Transformador electrónico integrado 220/240V – 12V, 50/60Hz. Regulación desde 10% al 100% de la intensidad luminosa mediante potenciómetro incorporado.

Spotlight to be installed on ceiling/wall. Electronic transformer integrated 220/240V – 12V, 50/60Hz. Dimmerable from 10% to 100% of full output using built-in potentiometer.

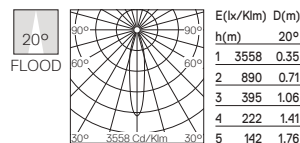
- 09.1158.30
- 09.1158.02
- 09.1158.14



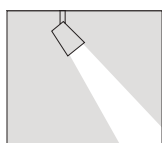
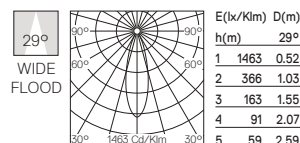
- 09.1156.30
- 09.1156.02
- 09.1156.14



- 09.1157.30
- 09.1157.02
- 09.1157.14



- 09.1159.30
- 09.1159.02
- 09.1159.14

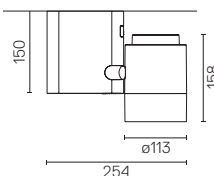


180° 90° 90° CE IP 20 1.80 Kg GWT 850° B → E

PURE 2 SPOT PRO TRACK



CDM-TC
G8.5
35/70W

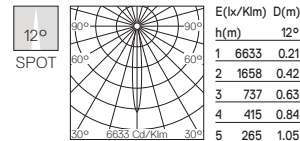


Proyector para ser instalado a carril trifásico. Balasto electrónico integrado 220/240V, 50/60Hz.

Spotlight to be installed on 3-phase track. Electronic control gear 220/240V, 50/60Hz integrated.

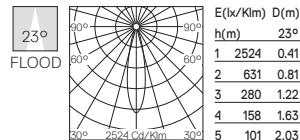
- 35W
- 09.1050.30
 - 09.1050.02
 - 09.1050.14

- 70W
- 09.1053.30
 - 09.1053.02
 - 09.1053.14



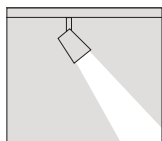
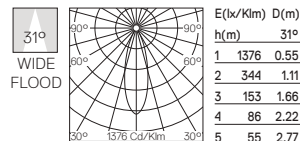
- 35W
- 09.1051.30
 - 09.1051.02
 - 09.1051.14

- 70W
- 09.1054.30
 - 09.1054.02
 - 09.1054.14



- 35W
- 09.1052.30
 - 09.1052.02
 - 09.1052.14

- 70W
- 09.1055.30
 - 09.1055.02
 - 09.1055.14



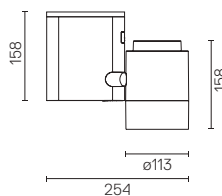
180° 90° 90° CE IP 20 2.15 Kg GWT 850° A* → A

PURE SPOT

PURE 2 SPOT PRO CEILING



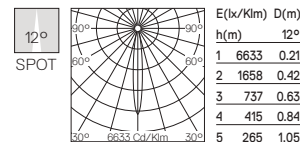
CDM-TC
G8.5
35/70W



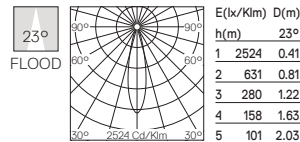
Proyector para ser instalado a techo/pared. Balasto electrónico integrado 220/240V, 50/60Hz.

Spotlight to be installed on ceiling/wall. Electronic control gear 220/240V, 50/60Hz integrated.

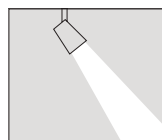
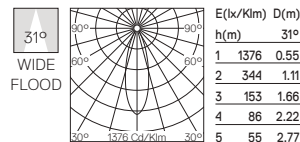
- 35W
- 09.1150.30
 - 09.1150.02
 - 09.1150.14
- 70W
- 09.1153.30
 - 09.1153.02
 - 09.1153.14



- 35W
- 09.1151.30
 - 09.1151.02
 - 09.1151.14
- 70W
- 09.1154.30
 - 09.1154.02
 - 09.1154.14



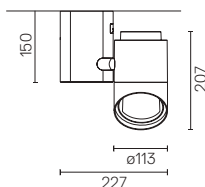
- 35W
- 09.1152.30
 - 09.1152.02
 - 09.1152.14
- 70W
- 09.1155.30
 - 09.1155.02
 - 09.1155.14



PURE 2 SPOT WALL-WASHER TRACK



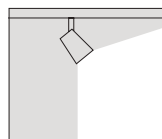
QT-12
GY6.35
MAX 100W



Proyector para ser instalado a carril trifásico. Transformador electrónico integrado 220/240V – 12V, 50/60Hz. Regulación desde 10% al 100% de la intensidad luminosa mediante potenciómetro incorporado.

Spotlight to be installed on 3-phase track. Electronic transformer integrated 220/240V – 12V, 50/60Hz. Dimmerable from 10% to 100% of full output using built-in potentiometer.

- 09.1062.30
- 09.1062.02
- 09.1062.14



Iluminancias medias basculando 20° Em (lx)

Mean illuminances tilted 20° Em (lx)

Criteria: Número de luminarias n>5

Criteria: Number of luminaires n>5

Altura del techo 4m

Heigh of the ceiling 4m

Distancia a la pared (m)

Distance to the wall (m)

	1,00	1,25	1,25	1,25

Interdistancia entre luminarias (m)

Distance between the luminaires (m)

	1,00	1,25	1,25	1,50

Iluminancia QT-12 50W (lx)

Illuminance QT-12 50W (lx)

	76	62	58	49

Iluminancia QT-12 75W (lx)

Illuminance QT-12 75W (lx)

	119	97	90	76

Iluminancia QT-12 100W (lx)

Illuminance QT-12 100W (lx)

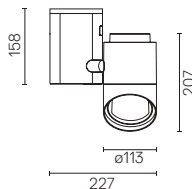
	181	148	136	116

PURE SPOT

PURE 2 SPOT WALL-WASHER CEILING



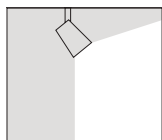
QT-12
GY6.35
MAX 100W



Proyector para ser instalado a techo/pared. Transformador electrónico integrado 220/240V – 12V, 50/60Hz. Regulación desde 10% al 100% de la intensidad luminosa mediante potenciómetro incorporado.

09.1162.30
09.1162.02
09.1162.14

Spotlight to be installed on ceiling/wall. Electronic transformer integrated 220/240V – 12V, 50/60Hz. Dimmerable from 10% to 100% of full output using built-in potentiometer.



Iluminancias medias basculando 20° Em (lx)
Mean illuminances tilted 20° Em (lx)
Criterios: Número de luminarias n>5
Criteria: Number of luminaires n>5
Altura del techo 4m
Heigh of the ceiling 4m
Distancia a la pared (m)
Distance to the wall (m)

1,00	1,00	1,25	1,25
------	------	------	------

Interdistancia entre luminarias (m)
Distance between the luminaires (m)

1,00	1,25	1,25	1,50
------	------	------	------

Iluminancia QT-12 50W (lx)
Illuminance QT-12 50W (lx)

76	62	58	49
----	----	----	----

Iluminancia QT-12 75W (lx)
Illuminance QT-12 75W (lx)

119	97	90	76
-----	----	----	----

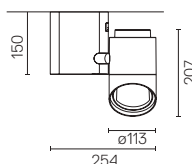
Iluminancia QT-12 100W (lx)
Illuminance QT-12 100W (lx)

181	148	136	116
-----	-----	-----	-----

PURE 2 SPOT WALL-WASHER TRACK



CDM-TC
G8.5
35/70W

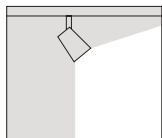


Proyector para ser instalado a carril trifásico. Balasto electrónico integrado 220/240V, 50/60Hz.

35W
09.1060.30
09.1060.02
09.1060.14

Spotlight to be installed on 3-phase track. Electronic control gear 220/240V, 50/60Hz integrated.

70W
09.1061.30
09.1061.02
09.1061.14



Iluminancias medias basculando 20° Em (lx)
Mean illuminances tilted 20° Em (lx)
Criterios: Número de luminarias n>5
Criteria: Number of luminaires n>5
Altura del techo 4m
Heigh of the ceiling 4m
Distancia a la pared (m)
Distance to the wall (m)

1,00	1,00	1,25	1,25
------	------	------	------

Interdistancia entre luminarias (m)
Distance between the luminaires (m)

1,00	1,25	1,25	1,50
------	------	------	------

Iluminancia CDM-TC 35W (lx)
Illuminance CDM-TC 35W (lx)

221	181	167	142
-----	-----	-----	-----

Iluminancia CDM-TC 70W (lx)
Illuminance CDM-TC 70W (lx)

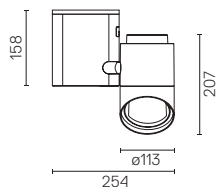
441	361	334	284
-----	-----	-----	-----

PURE SPOT

PURE 2 SPOT WALL-WASHER CEILING



CDM-TC
G8.5
35/70W

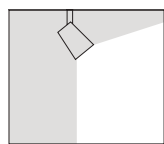


Proyector para ser instalado a techo/pared. Balasto electrónico integrado 220/240V, 50/60Hz.

Spotlight to be installed on ceiling/wall. Electronic control gear 220/240V, 50/60Hz integrated.

35W
 09.1160.30
 09.1160.02
 09.1160.14

70W
 09.1161.30
 09.1161.02
 09.1161.14



Iluminancias medias basculando 20° Em (lx)
 Mean illuminances tilted 20° Em (lx)
 Criterios: Número de luminarias n>5
 Criterio: Number of luminaires n>5
 Altura del techo 4m
 Heigh of the ceiling 4m
 Distancia a la pared (m)
 Distance to the wall (m)

1,00	1,00	1,25	1,25
------	------	------	------

Interdistancia entre luminarias (m)
 Distance between the luminaires (m)

1,00	1,25	1,25	1,50
------	------	------	------

Iluminancia CDM-TC 35W (lx)
 Illuminance CDM-TC 35W (lx)

221	181	167	142
-----	-----	-----	-----

Iluminancia CDM-TC 70W (lx)
 Illuminance CDM-TC 70W (lx)

441	361	334	284
-----	-----	-----	-----

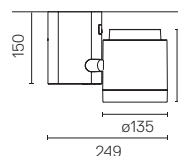
PURE 3 SPOT TRACK



QR-111
G53
MAX 100W

- OR -

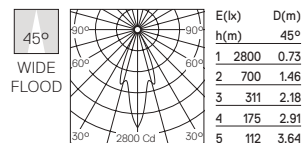
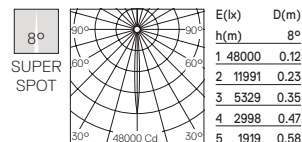
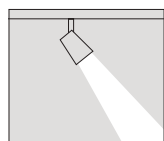
LED QR-111



Proyector para ser instalado a carril trifásico. Transformador electrónico integrado 220/240V - 12V, 50/60Hz. Regulación desde 10% al 100% de la intensidad luminosa mediante potenciómetro incorporado.

Spotlight to be installed on 3-phase track. Electronic transformer integrated 220/240V - 12V, 50/60Hz. Dimmable from 10% to 100% of full output using built-in potentiometer.

09.1918.30
 09.1918.02
 09.1918.14



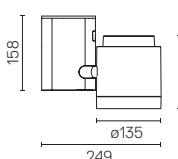
PURE 3 SPOT CEILING



QR-111
G53
MAX 100W

- OR -

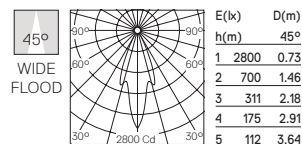
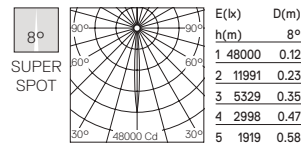
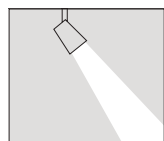
LED QR-111



Proyector para ser instalado a techo/pared. Transformador electrónico integrado 220/240V - 12V, 50/60Hz. Regulación desde 10% al 100% de la intensidad luminosa mediante potenciómetro incorporado.

Spotlight to be installed on ceiling/wall. Electronic transformer integrated 220/240V - 12V, 50/60Hz. Dimmable from 10% to 100% of full output using built-in potentiometer.

09.1968.30
 09.1968.02
 09.1968.14

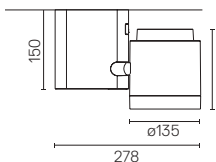


PURE SPOT

PURE 3 SPOT TRACK



HIT-CRI
G12
35/70W

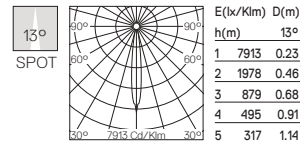


Proyector para ser instalado a carril trifásico. Balasto electrónico integrado 220/240V, 50/60Hz.

Spotlight to be installed on 3-phase track. Electronic control gear 220/240V, 50/60Hz integrated.

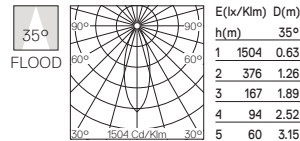
- 35W
- 09.1901.30
 - 09.1901.02
 - 09.1901.14

- 70W
- 09.1905.30
 - 09.1905.02
 - 09.1905.14



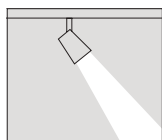
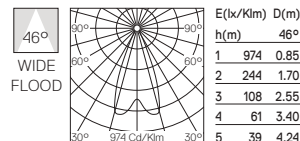
- 35W
- 09.1902.30
 - 09.1902.02
 - 09.1902.14

- 70W
- 09.1906.30
 - 09.1906.02
 - 09.1906.14



- 35W
- 09.1903.30
 - 09.1903.02
 - 09.1903.14

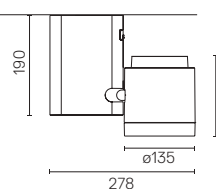
- 70W
- 09.1907.30
 - 09.1907.02
 - 09.1907.14



PURE 3 SPOT TRACK



HIT-CRI
G12
150W



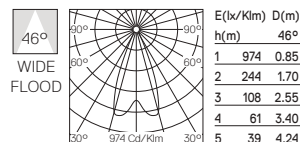
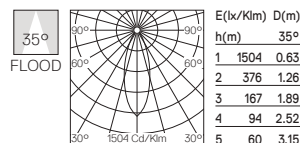
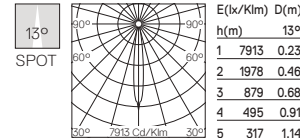
Proyector para ser instalado a carril trifásico. Balasto electrónico integrado 220/240V, 50/60Hz.

Spotlight to be installed on 3-phase track. Electronic control gear 220/240V, 50/60Hz integrated.

- 09.2301.30
- 09.2301.02
- 09.2301.14

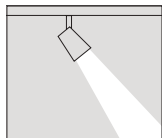
- 09.2302.30
- 09.2302.02
- 09.2302.14

- 09.2303.30
- 09.2303.02
- 09.2303.14



La lámpara HCI-T 150W de Osram (diámetro de bulbo: 24mm) no puede ser utilizada con nuestros reflectores. Utilizar solo lámparas HIT-CRI estándares (diámetro de bulbo: 19mm).

Osram HCI-T 150W lamp (bulb: ø24mm) does not fit into our reflectors. Please use standard HIT-CRI lamps (bulb: ø19mm).

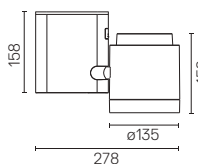


PURE SPOT

PURE 3 SPOT CEILING



HIT-CRI
G12
35/70W

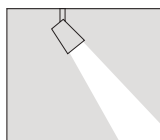
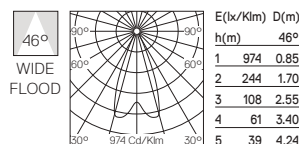
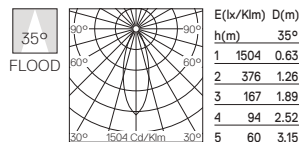
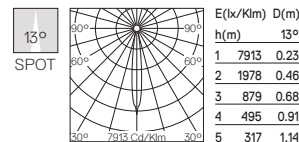


Proyector para ser instalado a techo/pared. Balasto electrónico integrado 220/240V, 50/60Hz.

Spotlight to be installed on ceiling/wall. Electronic control gear 220/240V, 50/60Hz integrated.

35W
 09.1951.30
 09.1951.02
 09.1951.14

70W
 09.1955.30
 09.1955.02
 09.1955.14



35W
 09.1953.30
 09.1953.02
 09.1953.14

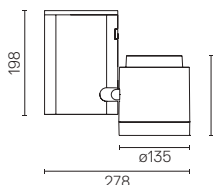
70W
 09.1957.30
 09.1957.02
 09.1957.14



PURE 3 SPOT CEILING



HIT-CRI
G12
150W



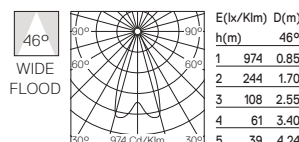
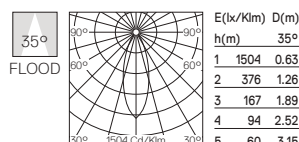
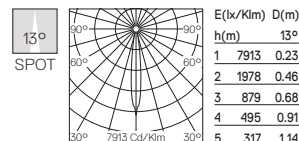
Proyector para ser instalado a techo/pared. Balasto electrónico integrado 220/240V, 50/60Hz.

Spotlight to be installed on ceiling/wall. Electronic control gear 220/240V, 50/60Hz integrated.

09.2351.30
 09.2351.02
 09.2351.14

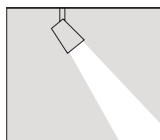
09.2352.30
 09.2352.02
 09.2352.14

09.2353.30
 09.2353.02
 09.2353.14



La lámpara HCI-T 150W de Osram (diámetro de bulbo: 24mm) no puede ser utilizada con nuestros reflectores. Utilizar solo lámparas HIT-CRI estándares (diámetro de bulbo: 19mm).

Osram HCI-T 150W lamp (bulb: ø24mm) does not fit into our reflectors. Please use standard HIT-CRI lamps (bulb: ø19mm).

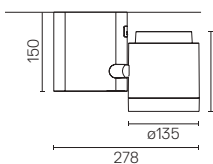


PURE SPOT

PURE 3 SPOT TRACK



CDM-R111
GX8.5
35/70W

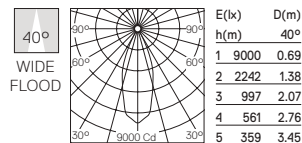
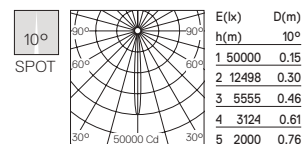
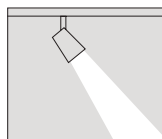


Proyector para ser instalado a carril trifásico. Balasto electrónico integrado 220/240V, 50/60Hz.

35W
 09.1915.30
 09.1915.02
 09.1915.14

Spotlight to be installed on 3-phase track. Electronic control gear 220/240V, 50/60Hz integrated.

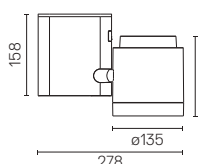
70W
 09.1916.30
 09.1916.02
 09.1916.14



PURE 3 SPOT CEILING



CDM-R111
GX8.5
35/70W

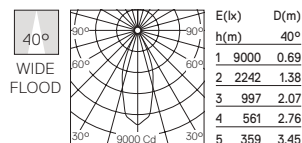
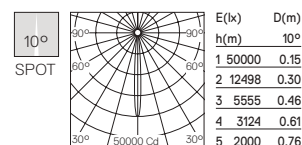
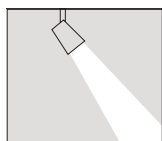


Proyector para ser instalado a techo/pared. Balasto electrónico integrado 220/240V, 50/60Hz.

35W
 09.1965.30
 09.1965.02
 09.1965.14

Spotlight to be installed on ceiling/wall. Electronic control gear 220/240V, 50/60Hz integrated.

70W
 09.1966.30
 09.1966.02
 09.1966.14



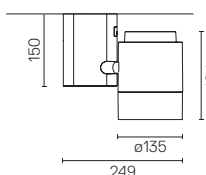
PURE 3 SPOT PRO TRACK



QR-111
G53
MAX 100W

- OR -

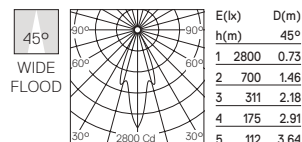
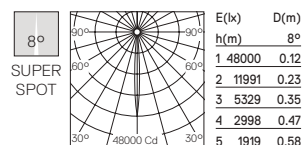
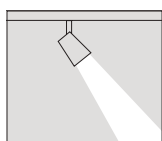
LED QR-111



Proyector para ser instalado a carril trifásico. Transformador electrónico integrado 220/240V - 12V, 50/60Hz. Regulación desde 10% al 100% de la intensidad luminosa mediante potenciómetro incorporado.

09.1938.30
 09.1938.02
 09.1938.14

Spotlight to be installed on 3-phase track. Electronic transformer integrated 220/240V - 12V, 50/60Hz. Dimmerable from 10% to 100% of full output using built-in potentiometer.



PURE SPOT

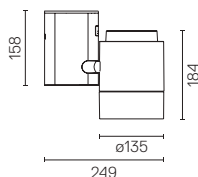
PURE 3 SPOT PRO CEILING



QR-111
G53
MAX 100W

- OR -

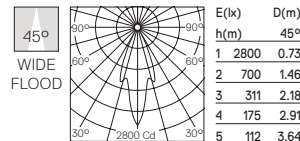
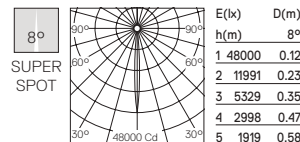
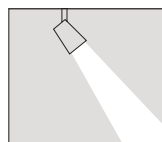
LED QR-111



Proyector para ser instalado a techo/pared. Transformador electrónico integrado 220/240V – 12V, 50/60Hz. Regulación desde 10% al 100% de la intensidad luminosa mediante potenciómetro incorporado.

- 09.1988.30
- 09.1988.02
- 09.1988.14

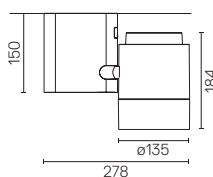
Spotlight to be installed on ceiling/wall. Electronic transformer integrated 220/240V – 12V, 50/60Hz. Dimmerable from 10% to 100% of full output using built-in potentiometer.



PURE 3 SPOT PRO TRACK



HIT-CRI
G12
35/70W

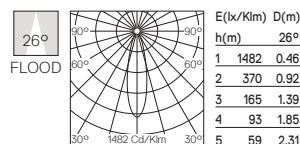
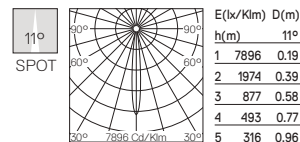


Proyector para ser instalado a carril trifásico. Balasto electrónico integrado 220/240V, 50/60Hz.

- 35W
- 09.1921.30
 - 09.1921.02
 - 09.1921.14

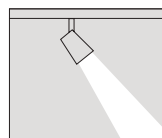
Spotlight to be installed on 3-phase track. Electronic control gear 220/240V, 50/60Hz integrated.

- 70W
- 09.1925.30
 - 09.1925.02
 - 09.1925.14



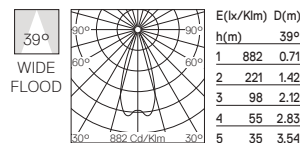
- 35W
- 09.1922.30
 - 09.1922.02
 - 09.1922.14

- 70W
- 09.1926.30
 - 09.1926.02
 - 09.1926.14



- 35W
- 09.1923.30
 - 09.1923.02
 - 09.1923.14

- 70W
- 09.1927.30
 - 09.1927.02
 - 09.1927.14

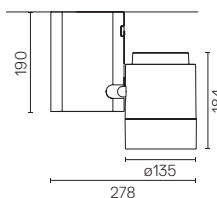


PURE SPOT

PURE 3 SPOT PRO TRACK



HIT-CRI
G12
150W

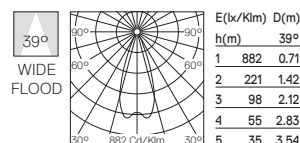
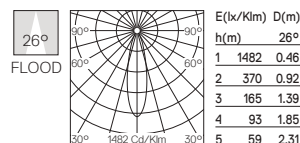
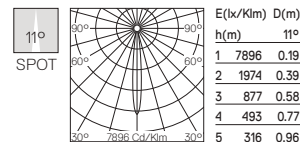


Proyector para ser instalado a carril trifásico. Balasto electrónico integrado 220/240V, 50/60Hz.

- 09.2321.30
- 09.2321.02
- 09.2321.14

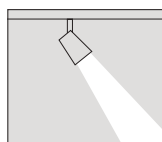
Spotlight to be installed on 3-phase track. Electronic control gear 220/240V, 50/60Hz integrated.

- 09.2322.30
- 09.2322.02
- 09.2322.14



La lámpara HCI-T 150W de Osram (diámetro de bulbo: 24mm) no puede ser utilizada con nuestros reflectores. Utilizar solo lámparas HIT-CRI estándares (diámetro de bulbo: 19mm).

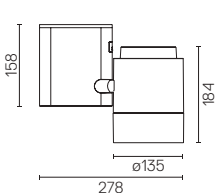
Osram HCI-T 150W lamp (bulb: ø24mm) does not fit into our reflectors. Please use standard HIT-CRI lamps (bulb: ø19mm).



PURE 3 SPOT PRO CEILING



HIT-CRI
G12
35/70W

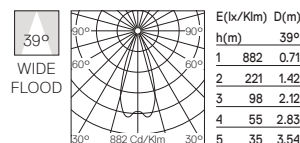
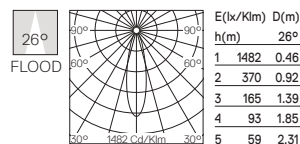
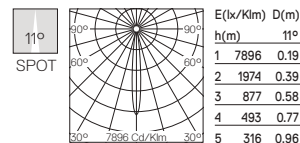


Proyector para ser instalado a techo/pared. Balasto electrónico integrado 220/240V, 50/60Hz.

- 35W
- 09.1971.30
 - 09.1971.02
 - 09.1971.14

Spotlight to be installed on ceiling/wall. Electronic control gear 220/240V, 50/60Hz integrated.

- 70W
- 09.1975.30
 - 09.1975.02
 - 09.1975.14

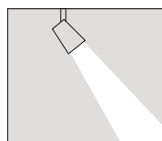


- 35W
- 09.1972.30
 - 09.1972.02
 - 09.1972.14

- 70W
- 09.1976.30
 - 09.1976.02
 - 09.1976.14

- 35W
- 09.1973.30
 - 09.1973.02
 - 09.1973.14

- 70W
- 09.1977.30
 - 09.1977.02
 - 09.1977.14

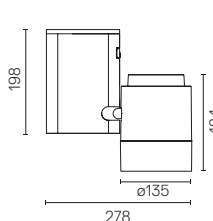


PURE SPOT

PURE 3 SPOT PRO CEILING



HIT-CRI
G12
150W

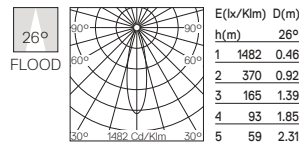
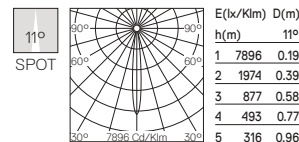


Proyector para ser instalado a techo/pared. Balasto electrónico integrado 220/240V, 50/60Hz.

- 09.2371.30
- 09.2371.02
- 09.2371.14

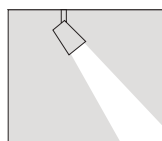
Spotlight to be installed on ceiling/wall. Electronic control gear 220/240V, 50/60Hz integrated.

- 09.2372.30
- 09.2372.02
- 09.2372.14

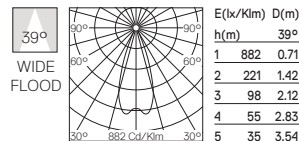


La lámpara HCI-T 150W de Osram (diámetro de bulbo: 24mm) no puede ser utilizada con nuestros reflectores. Utilizar solo lámparas HIT-CRI estándares (diámetro de bulbo: 19mm).

Osram HCI-T 150W lamp (bulb: ø24mm) does not fit into our reflectors. Please use standard HIT-CRI lamps (bulb: ø19mm).



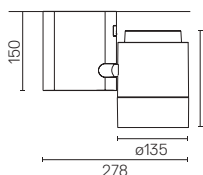
- 09.2373.30
- 09.2373.02
- 09.2373.14



PURE 3 SPOT PRO TRACK



CDM-R111
GX8.5
35/70W

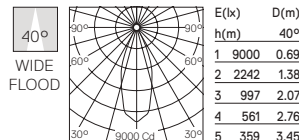
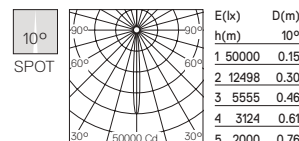
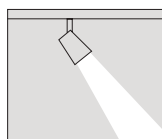


Proyector para ser instalado a carril trifásico. Balasto electrónico integrado 220/240V, 50/60Hz.

- 35W
- 09.1935.30
- 09.1935.02
- 09.1935.14

Spotlight to be installed on 3-phase track. Electronic control gear 220/240V, 50/60Hz integrated.

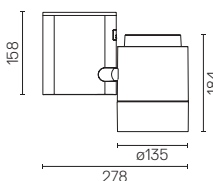
- 70W
- 09.1936.30
- 09.1936.02
- 09.1936.14



PURE 3 SPOT PRO CEILING



CDM-R111
GX8.5
35/70W

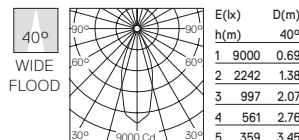
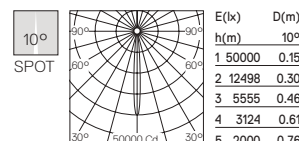
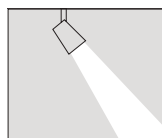


Proyector para ser instalado a techo/pared. Balasto electrónico integrado 220/240V, 50/60Hz.

- 35W
- 09.1985.30
- 09.1985.02
- 09.1985.14

Spotlight to be installed on ceiling/wall. Electronic control gear 220/240V, 50/60Hz integrated.

- 70W
- 09.1986.30
- 09.1986.02
- 09.1986.14



PURE SPOT

ACCESORIOS / ACCESSORIES

Accesorios

Con el fin de aumentar las prestaciones de la familia Pure se encuentran disponibles toda una gama de accesorios entre los que se encuentran:

- Elemento de apantallamiento.
 - Filtros cromáticos de cristal dichroico de 3mm de espesor.
 - Lentes de distribución elíptica en cristal templado prensado de 4 mm de espesor.
 - Lente difusora en cristal templado prensado de 4mm de espesor.
- Para la incorporación de todos estos accesorios es necesario utilizar el aro soporte.

Además el aro permite hacer combinaciones de lentes, filtros y elementos de apantallamiento de la siguiente forma:

- Filtro + Filtro.
- Filtro + Elemento de apantallamiento.
- Filtro + Lente.

Accessories

A full range of accessories are available to increase the possibilities of the Pure, including:

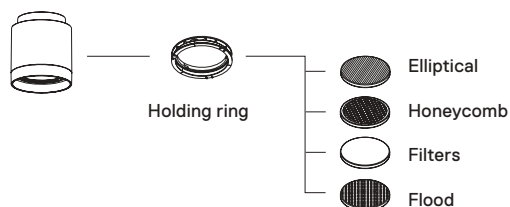
- Screening element.
- Colour filters in 3mm thick dichroic material.
- Elliptical distribution lens in 4mm thick tempered press glass.
- Flood lens in 4mm thick tempered press glass.

The holding ring must be used always with these accessories. The ring allows doing combinations of lenses, filters and screening element in the following way:

- Filter + Filter.
- Filter + Screening element.
- Filter + Lens.

Los accesorios: lente de distribución elíptica, elemento apantallador, los diferentes filtros y la lente flood deben ser utilizados siempre con el aro soporte, de su diámetro correspondiente.

Elliptical lens, honeycomb filter, different filters and flood lens, must always be used with the holding ring using the correct diameter.



Pure 1 Spot Ø86



08.8166.14

Aro soporte.

Holding ring.

Pure 2 Spot Ø113



08.8167.14

Aro soporte.

Holding ring.

Pure 3 Spot Ø135



08.8168.14

Aro soporte.

Holding ring.

Pure 1 Spot Ø86

Bajo pedido para las versiones HI PAR 51.
On request for HI PAR 51 versions.

Refractor de cristal templado con grueso de 4mm para la distribución elíptica del flujo luminoso.



08.8163.68

Elliptical light distribution lens in 4mm thick tempered glass.

Lente Flood realizada en cristal prensado.



08.8175.68

Flood lens made in press glass.

Elemento apantallador tipo "nido de abeja", realizado en aluminio y acabado en negro.



08.8169.14

"Honeycomb" anti-glare screen: in thin, black-painted aluminium sheets.

FILTRO AZUL
BLUE FILTER



08.8160.64.OD

FILTRO CELESTE
SKY BLUE FILTER



08.8160.65.OD

FILTRO ÁMBAR
AMBER FILTER



08.8160.66.OD

FILTRO ROJO
RED FILTER



08.8160.67.OD

FILTRO anti U.V.
U.V. FILTER



08.8160.98.OD

FILTRO anti I.R.
I.R. FILTER



08.8160.68

HOT LIGHT
HOT LIGHT



08.8160.69

COLD LIGHT
COLD LIGHT



08.8160.CL

DAYLIGHT
DAYLIGHT



08.8160.DL

NEODIMIUM
NEODIMIUM



08.8160.ND

Aro exterior PRO para Pure 1 Spot. Solo para versiones de halógenos y de halogenuro, consultar para versión LED.



08.8232.30
08.8232.02
08.8232.14

Pure 1 Spot external ring accessory PRO. Only for halogen and halide lamps, consult for LED version.

PURE SPOT

ACCESORIOS / ACCESSORIES

Pure 2 Spot Ø113

Refractor de cristal templado con grueso de 4mm para la distribución elíptica del flujo luminoso.



08.8164.68

Elliptical light distribution lens in 4mm thick tempered glass.

Lente Flood realizada en cristal prensado.



08.8176.68

Flood lens made in press glass.

Elemento apantallador tipo "nido de abeja", realizado en aluminio y acabado en negro.



08.8170.14

"Honeycomb" anti-glare screen: in thin, black-painted aluminium sheets.

FILTRO AZUL
BLUE FILTER



08.8161.64.OD

FILTRO CELESTE
SKY BLUE FILTER



08.8161.65.OD

FILTRO ÁMBAR
AMBER FILTER



08.8161.66.OD

FILTRO ROJO
RED FILTER



08.8161.67.OD

FILTRO anti U.V.
U.V. FILTER



08.8161.98.OD

FILTRO anti I.R.
I.R. FILTER



08.8161.68

HOT LIGHT
HOT LIGHT



08.8161.69

COLD LIGHT
COLD LIGHT



08.8161.CL

DAYLIGHT
DAYLIGHT



08.8161.DL

NEODIMIUM
NEODIMIUM



08.8161.ND

Aro exterior PRO para Pure 2 Spot.



08.8233.30
08.8233.02
08.8233.14

Pure 2 Spot external ring accessory PRO.

Aro exterior para Pure 2 Spot Wall-Washer.



08.8234.30
08.8234.02
08.8234.14

Pure 2 Spot Wall-Washer external ring accessory.

Pure 3 Spot Ø135

Refractor de cristal templado con grueso de 4mm para la distribución elíptica del flujo luminoso.



08.8165.68

Elliptical light distribution lens in 4mm thick tempered glass.

Lente Flood realizada en cristal prensado.



08.8177.68

Flood lens made in press glass.

Elemento apantallador tipo "nido de abeja", realizado en aluminio y acabado en negro.



08.8171.14

"Honeycomb" anti-glare screen: in thin, black-painted aluminium sheets.

FILTRO AZUL
BLUE FILTER



08.8162.64.OD

FILTRO CELESTE
SKY BLUE FILTER



08.8162.65.OD

FILTRO ÁMBAR
AMBER FILTER



08.8162.66.OD

FILTRO ROJO
RED FILTER



08.8162.67.OD

FILTRO anti U.V.
U.V. FILTER



08.8162.98.OD

FILTRO anti I.R.
I.R. FILTER



08.8162.68

HOT LIGHT
HOT LIGHT



08.8162.69

COLD LIGHT
COLD LIGHT



08.8162.CL

DAYLIGHT
DAYLIGHT



08.8162.DL

NEODIMIUM
NEODIMIUM



08.8162.ND

Aro exterior PRO para Pure 3 Spot.



08.8236.30
08.8236.02
08.8236.14

Pure 3 Spot external ring accessory PRO.

PURE SPOT PRO

ACCESORIOS / ACCESSORIES

Accesorios

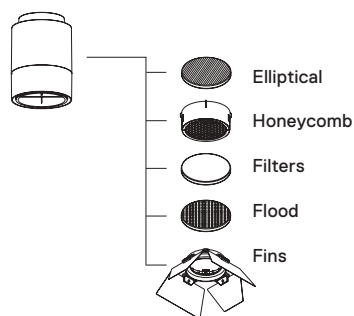
Con el fin de aumentar las prestaciones de la familia Pure Pro se encuentran disponibles toda una gama de accesorios entre los que se encuentran:

- Elemento de apantallamiento.
- Filtros cromáticos de cristal dichroico de 3mm de espesor.
- Lentes de distribución elíptica en cristal templado prensado de 4mm de espesor.
- Lente difusora en cristal templado prensado de 4mm de espesor.

Accessories

A full range of accessories are available to increase the possibilities of the Pure Pro, including:

- Screening element.
- Colour filters in 3mm thick dichroic material.
- Elliptical distribution lens in 4mm thick tempered press glass.
- Flood lens in 4mm thick tempered press glass.



Pure 1 Spot Pro Ø86

Bajo pedido para las versiones HI PAR 51.
On request for HI PAR 51 versions.

Refractor de cristal templado con grueso de 4mm para la distribución elíptica del flujo luminoso.



08.8163.68

Elliptical light distribution lens in 4mm thick tempered glass.

Lente Flood realizada en cristal prensado.



08.8175.68

Flood lens made in press glass.

Rejilla anti-deslumbramiento realizada en celdas de aluminio terminadas en pintura negra.



08.8186.14

Anti-glare grid in aluminium cells with black liquid paint finish.

FILTRO AZUL
BLUE FILTER



08.8160.64.OD

FILTRO CELESTE
SKY BLUE FILTER



08.8160.65.OD

FILTRO ÁMBAR
AMBER FILTER



08.8160.66.OD

FILTRO ROJO
RED FILTER



08.8160.67.OD

FILTRO anti U.V.
U.V. FILTER



08.8160.98.OD

FILTRO anti I.R.
I.R. FILTER



08.8160.68

HOT LIGHT
HOT LIGHT



08.8160.69

COLD LIGHT
COLD LIGHT



08.8160.CL

DAYLIGHT
DAYLIGHT



08.8160.DL

NEODIMIUM
NEODIMIUM



08.8160.ND

PURE SPOT PRO

ACCESORIOS / ACCESSORIES

Pure 2 Spot Pro Ø113

Refractor de cristal templado con grueso de 4mm para la distribución elíptica del flujo luminoso.



08.8164.68

Elliptical light distribution lens in 4mm thick tempered glass.

Lente Flood realizada en cristal prensado.



08.8176.68

Flood lens made in press glass.

Rejilla anti-deslumbramiento realizada en celdas de aluminio terminadas en pintura negra.



08.8172.14

Anti-glare grid in aluminium cells with black liquid paint finish.

Aletas direccionales, realizadas en metal y terminado en pintura polvo negra.



08.8173.14

Adjustable metal fins with black powder-coated finish.

FILTRO AZUL
BLUE FILTER



08.8161.64.OD

FILTRO CELESTE
SKY BLUE FILTER



08.8161.65.OD

FILTRO ÁMBAR
AMBER FILTER



08.8161.66.OD

FILTRO ROJO
RED FILTER



08.8161.67.OD

FILTRO anti U.V.
U.V. FILTER



08.8161.98.OD

FILTRO anti I.R.
I.R. FILTER



08.8161.68

HOT LIGHT
HOT LIGHT



08.8161.69

COLD LIGHT
COLD LIGHT



08.8161.CL

DAYLIGHT
DAYLIGHT



08.8161.DL

NEODIMIUM
NEODIMIUM



08.8161.ND

Pure 3 Spot Pro Ø135

Refractor de cristal templado con grueso de 4mm para la distribución elíptica del flujo luminoso.



08.8165.68

Elliptical light distribution lens in 4mm thick tempered glass.

Lente Flood realizada en cristal prensado.



08.8177.68

Flood lens made in press glass.

Rejilla anti-deslumbramiento realizada en celdas de aluminio terminadas en pintura negra.



08.8198.14

Anti-glare grid in aluminium cells with black liquid paint finish.

FILTRO AZUL
BLUE FILTER



08.8162.64.OD

FILTRO CELESTE
SKY BLUE FILTER



08.8162.65.OD

FILTRO ÁMBAR
AMBER FILTER



08.8162.66.OD

FILTRO ROJO
RED FILTER



08.8162.67.OD

FILTRO anti U.V.
U.V. FILTER



08.8162.98.OD

FILTRO anti I.R.
I.R. FILTER



08.8162.68

HOT LIGHT
HOT LIGHT



08.8162.69

COLD LIGHT
COLD LIGHT



08.8162.CL

DAYLIGHT
DAYLIGHT








08.8162.DL

NEODIMIUM
NEODIMIUM



08.8162.ND

LIGHTLIGHT® WALL
DESIGNED BY HANS BUSCHFELD

Versión Version	TUBE	POINT	MINITUBE	DISC 70	DISC 111	B15	HALB	
Fuentes de Luz Light Sources	 QR-CBC 51 clear/frosted GX5.3 20/35/50W - OR - LED QR-CBC 51 4/7/10W		 QR-CBC 25 clear/frosted GZ4 20/35W	 QR-70 BA15d 20/50W	 QR-111 G53 20/50/60W - OR - LED QR-111	 QR-C 38 clear/frosted B15d 20/35W - OR - LED QR-C 38 6W 2700K CRI 90		
Colores Colours	<input type="checkbox"/> W Blanco W White <input checked="" type="checkbox"/> A Aluminio Anodizado A Anodized Aluminium <input type="checkbox"/> B Negro Anodizado B Anodized Black <input type="checkbox"/> P Aluminio Pulido P Polished Aluminium							

LIGHTLIGHT® WALL

Poster

Luminaria universal para cuadros, con soporte regulable. Luz antideslumbrante con distribución uniforme. La altura recomendada de instalación es 2300-2700mm. La elección de la fuente de luz depende del tamaño del cuadro y de la distancia de la luminaria a la pared.

Shop

Luminaria de pared para iluminación de cuadros, estanterías y paredes. La familia SHOP es similar a la familia POSTER pero sin el soporte para cuadros. La modificación del soporte no es posible.

El carril LightLight® WALL se puede montar también en el techo, por tanto, la familia SHOP puede ser instalada como una luminaria suspendida. Las varillas se pueden cortar a medida.

Shop-W

Luminaria de pared decorativa para la iluminación de acento en las zonas próximas a la pared. Debe prestarse atención a la radiación térmica, si el carril está montado cerca del techo.

Angle

Luminaria clásica para iluminación de cuadros. Tanto la altura de la lámpara como la altura del soporte del cuadro son regulables. Muy buena iluminación hasta 500x700mm. La luminaria puede ser ajustada para cumplir con los requisitos de iluminación de los museos.

La altura ideal del carril para la familia ANGLE es 2500-3000mm. En el caso de alturas de montaje de hasta 3500mm, la luminaria puede ser suministrada en longitudes especiales. La distancia de la luminaria a la pared no se puede cambiar. Para cuadros de paisajes de más de 700 mm de ancho, utilizar dos luminarias ANGLE.

Max-W

Luminaria direccional para la iluminación de esculturas y de iluminación general. Excelente antideslumbramiento. Ideal para su aplicación en tiendas, escaparates, museos y exposiciones, donde es necesario un alto flujo luminoso. Debe prestarse atención a la radiación térmica si el carril está montado cerca del techo.

Poster

Universal picture luminaire with adjustable picture hanging. Glare-free light, uniform light distribution. The ideal track height is 2300-2700 mm. The choice of light source depends on the size of the picture and the distance from the luminaire to the picture.

Shop

Wall and shelf luminaire for illumination of pictures, shelves, walls and worktop surfaces. SHOP is comparable to POSTER, but without the integral picture hanger. Retrofit of hanger not possible.

The LightLight® WALL track can also be mounted flat on the ceiling. SHOP can then be applied as a pendant luminaire. The rods can be shortened.

Shop-W

Decorative wall luminaire for scalloped accent lighting of adjacent wall area. Attractive applied in groups. Attention should be paid to thermal radiation, if the track is mounted close to the ceiling.

Angle

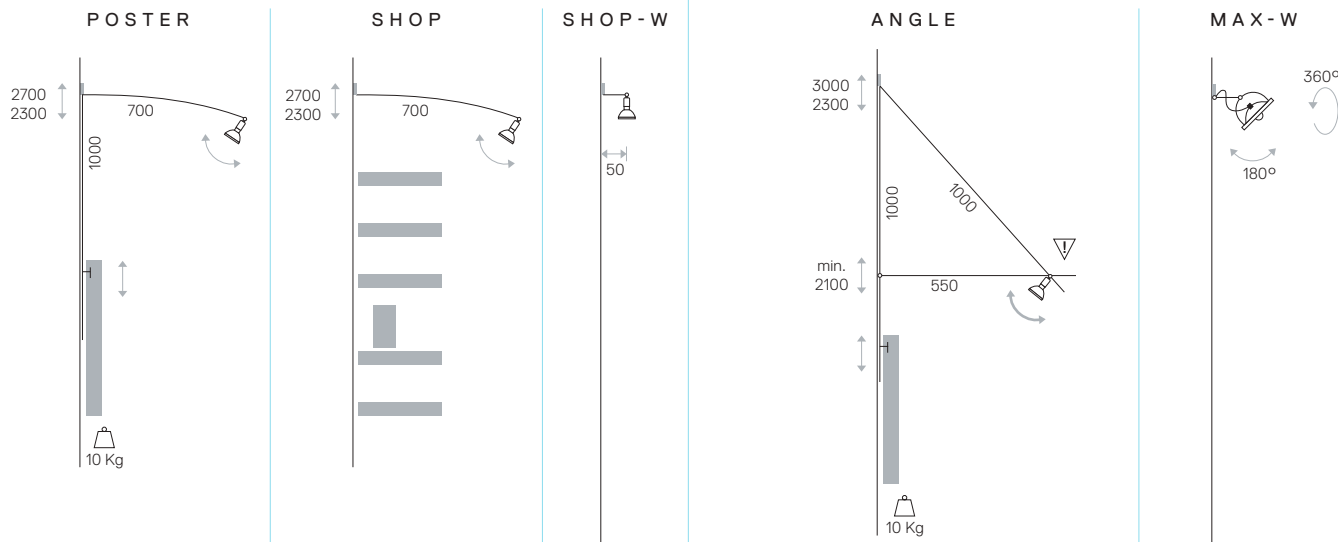
Classic picture luminaire, both height of the lamp and height of picture rod are adjustable. Extremely good illumination up to 500x700mm format. The luminaire can be adjusted to fulfill museum lighting requirements.

The ideal track height for ANGLE is 2500-3000mm. In the case of mounting heights of up to 3500mm the luminaire can be supplied in custom lengths. The distance of the luminaire from the wall must not be changed. For landscape pictures wider than 700mm use two ANGLE luminaires.

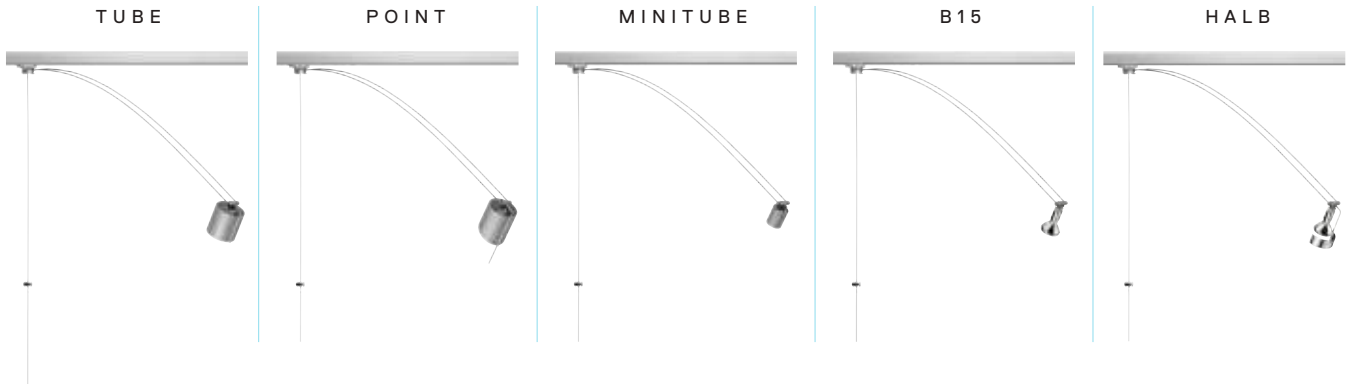
Max-W

Directional spotlight for the illumination of sculptures and for general accent lighting. Excellent glare-free. For application in retail spaces, shop-windows displays, museums and exhibitions, where high lumen packages are required. Attention should be paid to thermal radiation if the track is mounted close to the ceiling.

Rotación Rotation Features



POSTER



POSTER / TUBE



QR-CBC 51
clear/frosted
GX5.3
20/35/50W

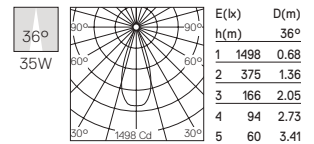
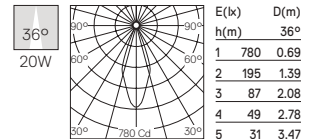
-OR-

LED
QR-CBC 51
GX5.3
4/7/10W

Luminaria para cuadros para ser instalada a carril de pared de 12V. El adaptador para carril y el soporte para cuadro están integrados.

- BU12202W
- BU12202A
- BU12202B
- BU12202P

Picture luminaire to be installed on 12V wall track system. Track adapter and picture-hanging rod integrated.



POSTER / POINT



QR-CBC 51
clear/frosted
GX5.3
20/35/50W

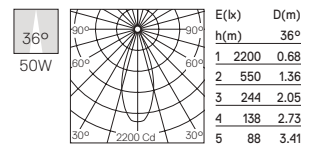
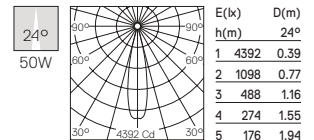
-OR-

LED
QR-CBC 51
GX5.3
4/7/10W

Luminaria para cuadros para ser instalada a carril de pared de 12V. El adaptador para carril y el soporte para cuadro están integrados.

- BU12203W
- BU12203A
- BU12203B
- BU12203P

Picture luminaire to be installed on 12V wall track system. Track adapter and picture-hanging rod integrated.



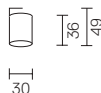
Es posible hacer un retrofit con lámparas LED convencionales.
Retrofit possible with conventional LED lamps.

LIGHTLIGHT® WALL

POSTER / MINITUBE

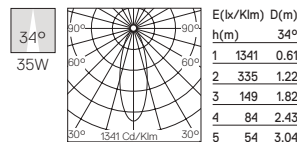


QR-CBC 25
clear/frosted
GZ4
20/35W



Luminaria para cuadros para ser instalada a carril de pared de 12V. El adaptador para carril y el soporte para cuadro están integrados.

BU12205A
BU12205B
BU12205P



Picture luminaire to be installed on 12V wall track system. Track adapter and picture-hanging rod integrated.



POSTER / B15



QR-C 38
clear/frosted
B15d
20/35W



-OR-

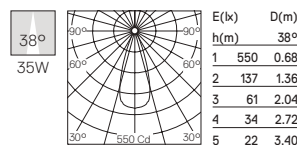


LED QR-C 38
B15d
6W
370 lm
2700K
CRI 90



Luminaria para cuadros para ser instalada a carril de pared de 12V. El adaptador para carril y el soporte para cuadro están integrados.

BU12000P



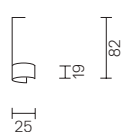
Picture luminaire to be installed on 12V wall track system. Track adapter and picture-hanging rod integrated.



POSTER / HALB

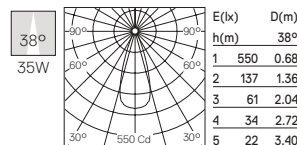


QR-C 38
clear/frosted
B15d
20/35W



Luminaria para cuadros para ser instalada a carril de pared de 12V. El adaptador para carril y el soporte para cuadro están integrados.

BU12001P



-OR-



LED QR-C 38
B15d
6W
370 lm
2700K
CRI 90

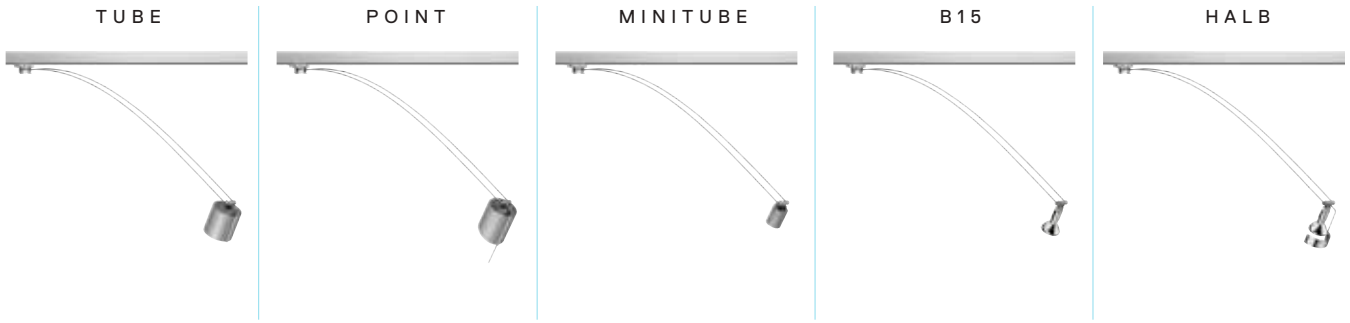


Picture luminaire to be installed on 12V wall track system. Track adapter and picture-hanging rod integrated.



Es posible hacer un retrofit con lámparas LED convencionales.
Retrofit possible with conventional LED lamps.

SHOP



SHOP / TUBE



QR-CBC 51
clear/frosted
GX5.3
20/35/50W

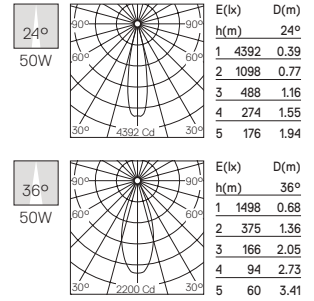
-OR-

LED
QR-CBC 51
GX5.3
4/7/10W

Luminaria para ser instalada a carril de pared de 12V. Adaptador para carril integrado.

- BU15102W
- BU15102A
- BU15102B
- BU15102P

Luminaire to be installed on 12V wall track system. Track adapter integrated.



SHOP / POINT



QR-CBC 51
clear/frosted
GX5.3
20/35/50W

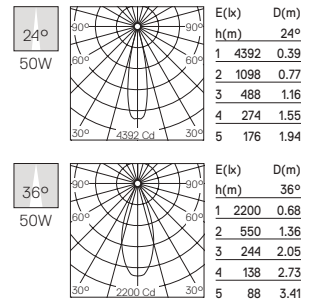
-OR-

LED
QR-CBC 51
GX5.3
4/7/10W

Luminaria para ser instalada a carril de pared de 12V. Adaptador para carril integrado.

- BU15103W
- BU15103A
- BU15103B
- BU15103P

Luminaire to be installed on 12V wall track system. Track adapter integrated.



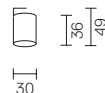
Es posible hacer un retrofit con lámparas LED convencionales.
Retrofit possible with conventional LED lamps.

LIGHTLIGHT® WALL

SHOP / MINITUBE



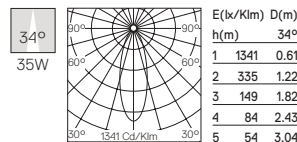
QR-CBC 25
clear/frosted
GZ4
20/35W



Luminaria para ser instalada a carril de pared de 12V. Adaptador para carril integrado.

BU15105A
BU15105B
BU15105P

Luminaire to be installed on 12V wall track system. Track adapter integrated.



SHOP / B15



QR-C 38
clear/frosted
B15d
20/35W



-OR-



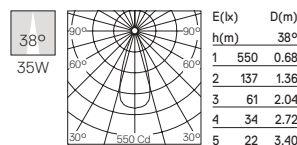
LED QR-C 38
B15d
6W
370 lm
2700K
CRI 90



Luminaria para ser instalada a carril de pared de 12V. Adaptador para carril integrado.

BU15000P

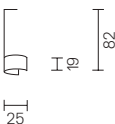
Luminaire to be installed on 12V wall track system. Track adapter integrated.



SHOP / HALB



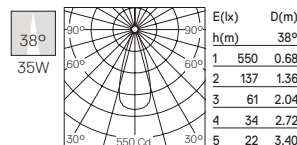
QR-C 38
clear/frosted
B15d
20/35W



Luminaria para ser instalada a carril de pared de 12V. Adaptador para carril integrado.

BU15001P

Luminaire to be installed on 12V wall track system. Track adapter integrated.

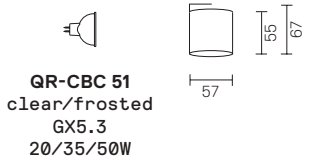


Es posible hacer un retrofit con lámparas LED convencionales.
Retrofit possible with conventional LED lamps.

SHOP - W



SHOP - W / TUBE



QR-CBC 51
clear/frosted
GX5.3
20/35/50W

-OR-



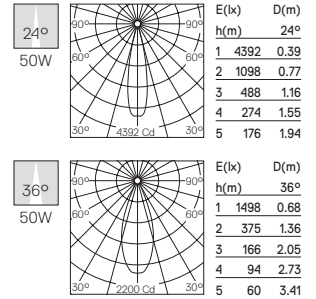
LED
QR-CBC 51
GX5.3
4/7/10W



Luminaria para ser instalada a carril de pared de 12V. Adaptador para carril integrado.

BU35951W
BU35951A
BU35951B
BU35951P

Luminaire to be installed on 12V wall track system. Track adapter integrated.



SHOP - W / MINITUBE



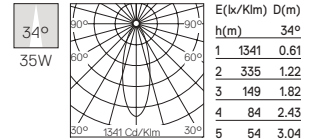
QR-CBC 25
clear/frosted
GZ4
20/35W



Luminaria para ser instalada a carril de pared de 12V. Adaptador para carril integrado.

BU35955A
BU35955B
BU35955P

Luminaire to be installed on 12V wall track system. Track adapter integrated.



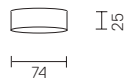
Es posible hacer un retrofit con lámparas LED convencionales.
Retrofit possible with conventional LED lamps.

LIGHTLIGHT® WALL

SHOP-W / DISC 70



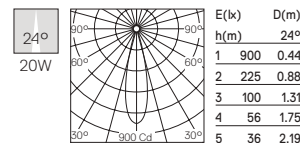
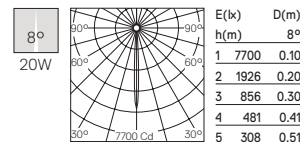
QR-70
BA15d
20/50W



Luminaria para ser instalada a carril de pared de 12V. Adaptador para carril integrado.

BU35855W
BU35855A
BU35855B
BU35855P

Luminaire to be installed on 12V wall track system. Track adapter integrated.



SHOP-W / B15



QR-C 38
clear/frosted
B15d
20/35W

-OR-



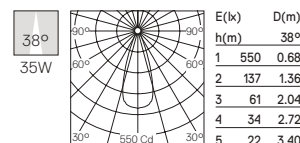
LED
QR-C 38
B15d
6W
370 lm
2700K
CRI 90



Luminaria para ser instalada a carril de pared de 12V. Adaptador para carril integrado.

BU35900P

Luminaire to be installed on 12V wall track system. Track adapter integrated.



SHOP-W / HALB

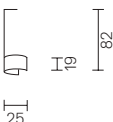


QR-C 38
clear/frosted
B15d
20/35W

-OR-



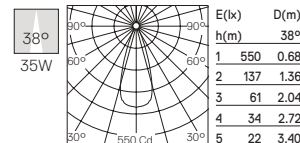
LED
QR-C 38
B15d
6W
370 lm
2700K
CRI 90



Luminaria para ser instalada a carril de pared de 12V. Adaptador para carril integrado.

BU35850P

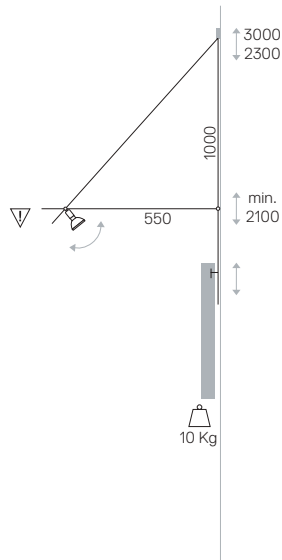
Luminaire to be installed on 12V wall track system. Track adapter integrated.



Es posible hacer un retrofit con lámparas LED convencionales.
Retrofit possible with conventional LED lamps.

LIGHTLIGHT® WALL

ANGLE



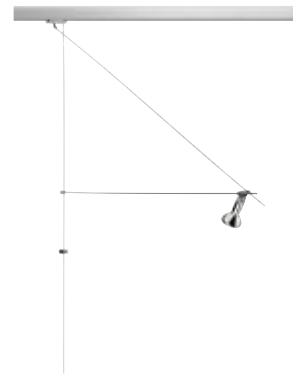
Luminaria clásica para iluminación de cuadros. Tanto la altura de la lámpara como la altura del soporte del cuadro son regulables. Muy buena iluminación hasta 500x700mm. La luminaria puede ser ajustada para cumplir con los requisitos de iluminación de los museos.

La altura ideal del carril para la familia Angle es 2500-3000mm. En el caso de alturas de montaje de hasta 3500mm, la luminaria puede ser suministrada en longitudes especiales. La distancia de la luminaria a la pared no se puede cambiar. Para cuadros de paisajes de más de 700 mm de ancho, utilizar dos luminarias Angle

Classic picture luminaire, both height of the lamp and height of picture rod are adjustable. Extremely good illumination up to 500 x 700mm format. The luminaire can be adjusted to fulfill museum lighting requirements.

The ideal track height for Angle is 2500-3000 mm. In the case of mounting heights of up to 3500mm the luminaire can be supplied in custom lengths. The distance of the luminaire from the wall must not be changed. For landscape pictures wider than 700mm use two luminaires.

ANGLE



ANGLE



QR-C 38
clear/frosted
B15d
20/35W

-OR-

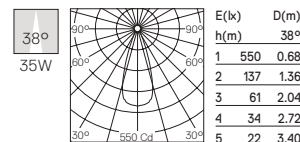
LED
QR-C 38
B15d
6W
370 lm
2700K
CRI 90



Luminaria para cuadros para ser instalada a carril de pared de 12V. El adaptador para carril y el soporte para cuadro están integrados.

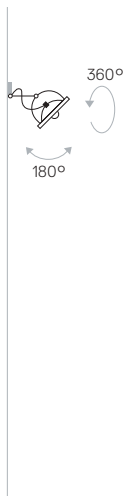
BU10100P

Picture luminaire to be installed on 12V wall track system. Track adapter and picture-hanging rod integrated.



Es posible hacer un retrofit con lámparas LED convencionales.
Retrofit possible with conventional LED lamps.

LIGHTLIGHT® WALL



MAX - W

Luminaria direccional para la iluminación de esculturas y de iluminación general. Excelente antideslumbramiento. Ideal para su aplicación en tiendas, escaparates, museos y exposiciones, donde es necesario un alto flujo luminoso. Debe prestarse atención a la radiación térmica si el carril está montado cerca del techo.

Directional spotlight for the illumination of sculptures and for general accent lighting. Excellent glare-free. For application in retail spaces, shop-windows displays, museums and exhibitions, where high lumen packages are required. Attention should be paid to thermal radiation if the track is mounted close to the ceiling.

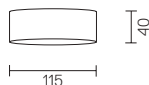
DISC 111



MAX - W / DISC 111



QR-111
G53
35/60W



-OR-



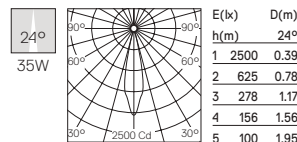
LED QR-111



Proyector para ser instalado a carril de pared de 12V. Adaptador para carril integrado.

BU60051W
BU60051A
BU60051B
BU60051P

Spotlight to be installed on 12V wall track system. Track adapter integrated.



Accesorios Accessories

Elemento apantallador tipo "nido de abeja", realizado en aluminio y acabado en negro.



RF18557

"Honeycomb" anti-glare screen: in thin, black-painted aluminium sheets.

Rejilla de apantallamiento de aluminio en acabado negro o plata para lámparas halógenas o de LED.



Halogen
BU60021
BU60022

"Honeycomb" anti-glare screen in black painted or silver aluminium sheets for halogen or LED light sources.



LED
BU60023
BU60024

Es posible hacer un retrofit con lámparas LED convencionales.
Retrofit possible with conventional LED lamps.

LIGHTLIGHT® WALL SYSTEM

Sistema de Iluminación para Cuadros. 12V, 25A

LightLight® WALL es el sistema de carril modular de baja tensión para instalarse a pared. Los carriles LightLight® son fácilmente instalables en la pared como carriles de cuadros convencionales. Diseñado para la iluminación de cuadros en diversas aplicaciones, incluida la residencial, oficinas y espacios de exhibición.

Un sistema de conexión rápida conecta los elementos del carril al suministro de electricidad. Las luminarias LightLight® se pueden montar en cualquier lugar del carril, moverse o quitarse sin herramientas. Los adaptadores universales de las luminarias pueden sostener cuadros de hasta 10 kg de peso.

El carril y sus accesorios están disponibles en cuatro acabados diferentes: aluminio anodizado, aluminio pulido, negro (aluminio anodizado), blanco (con recubrimiento de polvo de aluminio, RAL 9016 mate).

Cuerpo de producto disponible en cuatro acabados diferentes: aluminio anodizado, aluminio pulido, negro (aluminio anodizado), blanco (con recubrimiento de polvo de aluminio, RAL 9016 mate). Colores especiales disponibles bajo pedido

Transformadores

Transformadores electrónicos y ferromagnéticos completan el sistema, y garantizan la seguridad en caso de que se interrumpa el funcionamiento.

Las buenas propiedades eléctricas de los materiales utilizados, el diseño coaxial, los conductores de gran diámetro y los conectores de alto rendimiento, dan un flujo de energía de baja pérdida.

Diseño de Larga Duración

El diseño de LightLight® es lógico y claro. Es único y perdura en el tiempo, tiene un diseño discreto y sin pretensiones que consigue que el ojo nunca se cansa de él.

Lighting System for Pictures. 12V,25A

LightLight® WALL is the modular low-voltage track system for wall mounting. LightLight® tracks are easily clipped onto the wall like conventional picture rails. Designed for picture illumination in various applications, including residential, offices, contract lighting and exhibition spaces.

A spring-cushioned plug and screw system connects the track elements to the electricity supply. LightLight® luminaires can be mounted anywhere on the installed track system, and moved or removed altogether without tools. Adjustable, universal hooks on the luminaires can take picture frames up to 10 kg (22 pounds) in weight. Track and system parts are available in four different finishes – alumatt, polished, black (anodized aluminium), white (powder-coated aluminium, RAL 9016 matt). Shades available in matching colours – alumatt, black (matt anodized aluminium), polished (hand polished) and white (RAL 9016 matt). Custom colours available on request.

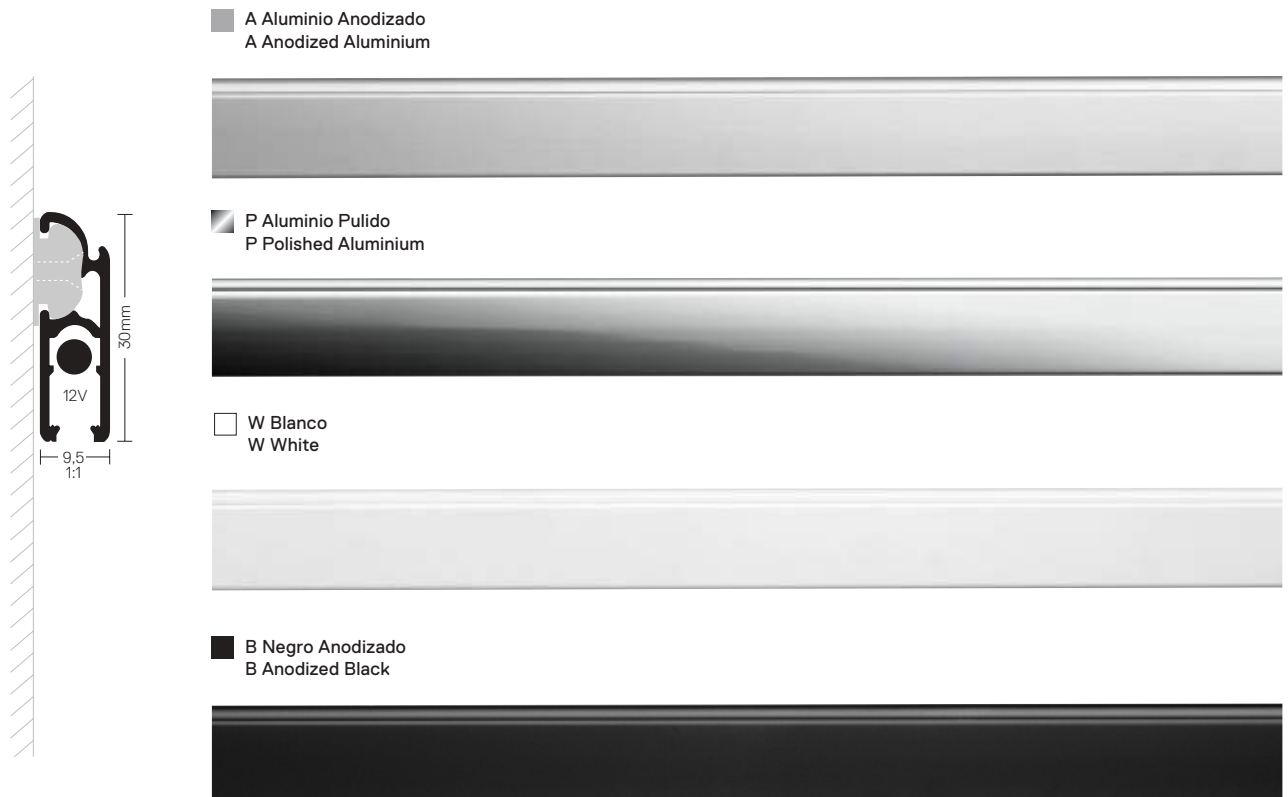
System Transformers

Electronic and magnetic safety transformers complete the system, and guarantee safe, uninterrupted operation.

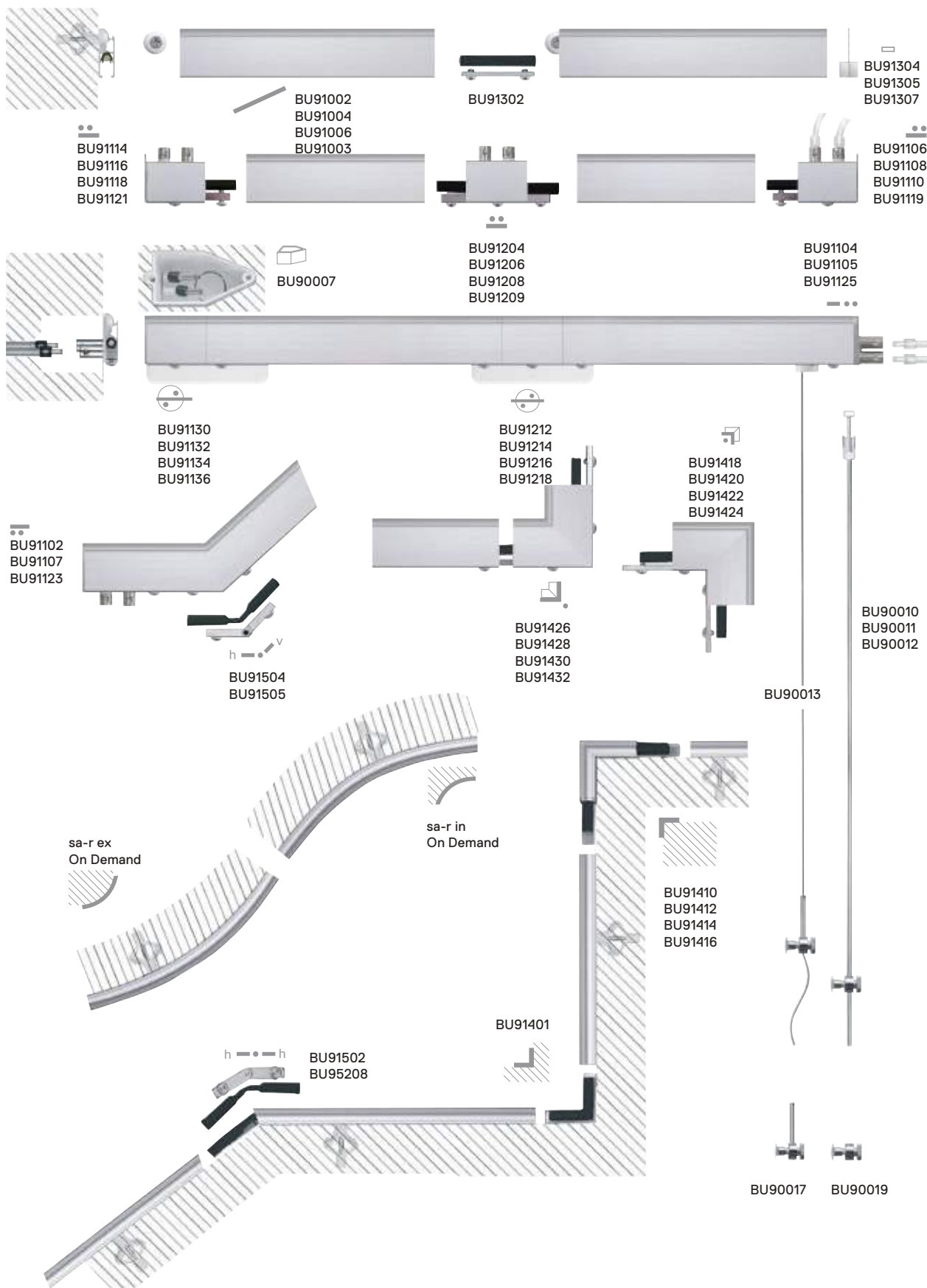
The good electrical properties of the materials used, the «coaxiale» design, large-diameter conductors and high-performance connectors make for low loss energy flow.

Long-Lasting Design

LightLight® design is logical and clear. It is unique and timeless and so discreet and unassuming that the eye will never tire of it.



LIGHTLIGHT® WALL



LIGHTLIGHT® WALL SYSTEM

Carril de pared, L=2000, se puede acortar in situ. Incluye material de fijación.



BU91006
BU91002
BU91003
BU91004

Wall track, L=2000, can be shortened on site, includes mounting material.

Conector de unión, 80–280° horizontal/horizontal, L=0. Conductivo/no conductivo.



Conductivo
Conductive
BU91502

Joint connector, 80–280°, horizontal to horizontal, L=0. conductive / non-conductive.

No Conductivo
Non Conductive
BU95208

Carril curvado convexo, L=1570.



On Demand

Convex curved, track L=1570.

Ángulo de escalera, 70–290° conductivo, horizontal/inclinado, L=0. Conductivo/no conductivo.

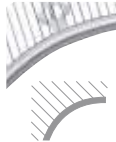


Conductivo
Conductive
BU91504

Stair case angle, 70–290°, conductive, horizontal to slant, L=0 conductive / non-conductive.

No Conductivo
Non Conductive
BU91505

Carril curvado cóncavo, L=1570.



On Demand

Concave curved, track L=1570.

Conector en ángulo, 90° horizontal/vertical, conductivo, L=35 conexión de la luminaria exterior.



BU91430
BU91426
BU91432
BU91428

Colores personalizados de acuerdo al sistema RAL.

On Demand

Custom colour according to RAL system.

Angle connector, 90°, horizontal to vertical, conductive, L=35 luminaire connection on outside.

Conector lineal conductivo, L=0.



BU91302

Linear connector, conductive, L=0.

Conector en ángulo, 90° horizontal/vertical, conductivo, L=35 conexión de la luminaria interior



BU91422
BU91418
BU91424
BU91420

Angle connector, 90°, horizontal to vertical, conductive, L=35 luminaire connection on inside.

Conector lineal aislado, L=1.



BU91305
BU91304
BU91307

Linear connector, insulating, L=1.

Conector de alimentación final, integrado, L=35, derecho, incluye 2 tapas finales.



BU91126
BU91122
BU91128
BU91124

Esquina interior conductiva con ángulo de 90°, L=0.



BU91401

Inner corner, 90°, conductive, L=0.

Power feed at end, including 2 end caps, recessed, L=35, right.

Esquina exterior conductiva con ángulo de 90°, L=35.



BU91414
BU91410
BU91416
BU91412

Outer corner, 90°, conductive, L=35.

Conector de alimentación final, integrado, L=35, izquierdo, incluye 2 tapas finales.



BU91134
BU91130
BU91136
BU91132

Power feed at end, including 2 end caps, recessed, L=35, left.

Conector de alimentación central, integrado, incluye 2 tapas finales, L=35.



BU91216
BU91212
BU91218
BU91214

Power feed in centre, including 2 end caps, recessed, L=35.

UP-socket, tipo Kaiser 1048-00.

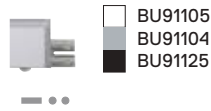


BU90007

UP-socket, type Kaiser 1048-00.

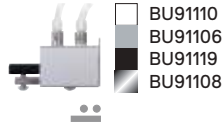
LIGHTLIGHT® WALL SYSTEM

Conector de alimentación final axial, derecha e izquierda, incluye 2 tapas finales, L=35.



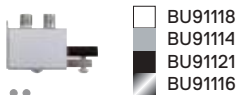
Power feed at end axial, right and left, including 2 end caps, L=35.

Conector de alimentación final, superior, L=35, derecho, incluye 2 tapas finales.



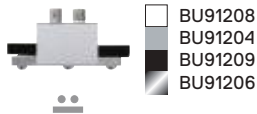
Power feed at end, top, L=35, right, including 2 end caps.

Conector de alimentación final, superior, L=35, izquierdo, incluye 2 tapas finales.



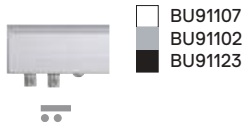
Power feed at end, top, L=35, left, including 2 end caps.

Conector de alimentación central, superior, incluye 2 tapas finales, L=35.



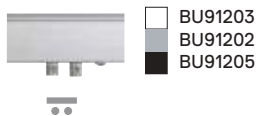
Power feed in centre, top, including 2 end caps, L=35.

Conector de alimentación final axial, derecha e izquierda, incluye 2 tapas finales, L=0.



Power feed at end, downwards right and left, including 2 end caps, L=0.

Conector de alimentación central, inferior, incluye 2 tapas finales, L=0.



Power feed in centre, downwards, including 2 end caps, L=0.

Varilla de 2,6 x 1000, con soporte para cuadro.



BU90010

Picture rod 2,6 x 1000, with picture hook.

Varilla de 2,6 x 1350, con soporte para cuadro.

BU90011

Picture rod 2,6 x 1350, with picture hook.

Varilla de 2,6 x 2000, con soporte para cuadro.

BU90012

Picture rod 2,6 x 2000, with picture hook.

Cable de 1,0 x 1500, con soporte para cuadro.



BU90013

Picture cord 1.0 x 1500, with picture hook.

Soporte de cuadro adicional para varilla.



BU90019

Additional picture hook for picture rod.

Soporte de cuadro adicional para cable.














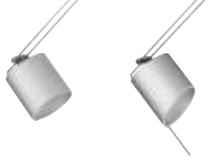


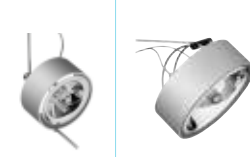








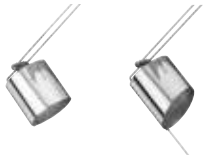


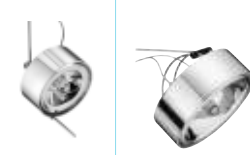

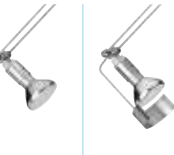


BU90017

Additional picture hook for picture cord.

LIGHTLIGHT® PEND/CEILING

DESIGNED BY HANS BUSCHFELD

Versión Version	TUBE	POINT	MINITUBE	DISC 70	SHORT	DISC 111	PINPIN	B15	HALB		
Fuentes de Luz Light Sources	 QR-CBC 51 clear/frosted GX5.3 20/35/50W - OR - LED QR-CBC 51 4/7/10W		 QR-CBC 25 clear/frosted GZ4 20/35W	 QR-70 BA15d 20/50W	 QR-48 GY4 20W	 QR-111 G53 20/50/60W - OR - LED QR-111	 QR-CBC 51 clear/frosted GX5.3 20/35W - OR - LED QR-CBC 51 4W		 QR-C 38 clear/frosted B15d 20/35W - OR - LED QR-C 38 6W 2700K CRI 90		
Colores Colours	<input type="checkbox"/> W Blanco W White										
											
<input checked="" type="checkbox"/> A Aluminio Anodizado A Anodized Aluminium											
											
<input checked="" type="checkbox"/> B Negro Anodizado B Anodized Black											
											
<input checked="" type="checkbox"/> P Aluminio Pulido P Polished Aluminium											
											



LIGHTLIGHT® PEND/CEILING

Flex

Luminaria direccional para iluminación general e iluminación de acento. Orientable 360° y basculante 180°. Diseñada para su aplicación en tiendas, escaparates, exposiciones, museos y espacios expositivos.

Max

Luminaria direccional para iluminación general e iluminación de acento. Orientable 360° y basculante 180°. Debe prestarse atención a la radiación térmica si el carril está montado cerca del techo. Diseñado para su aplicación en tiendas, escaparates exposiciones, museos y espacios expositivos, donde es necesario un alto flujo luminoso.

Pinpin

Luminaria suspendida para iluminación de mesas y mostradores que no produce deslumbramiento. Dispone de dos fuentes de luz ajustables (0° - 25°) contenidas en un cilindro doble. El espacio ideal entre la luminaria y la mesa es de 600-700mm. Las varillas se pueden acortar. Longitudes especiales disponibles bajo pedido. Lámpara recomendada de 20 ó 35W, 60° IRC.

Shop-V 100

Luminaria suspendida para iluminación de mesas y mostradores. El espacio ideal entre la luminaria y la mesa es de 600 a 700mm. Las varillas se pueden acortar. Longitudes especiales bajo pedido.

Spot 5

Luminaria direccional para iluminación general e iluminación de acento. Orientable 360° y basculante 180°. Diseñada para su aplicación en tiendas, escaparates, exposiciones, museos y espacios expositivos.

Balance 50

Luminaria de iluminación general para mostradores y mesas de trabajo. Disponible en dos tamaños. Sólo apto para la aplicación con sistema de carril LightLight® PEND.

Flex

Directional spotlight for general and accent lighting. Rotatable 360° and tiltable 180°. Designed for application in retail spaces, shop-windows displays, museums and exhibition spaces.

Max

Directional spotlight for general and accent lighting. Rotatable 360° and tiltable 180°. Attention should be paid to thermal radiation if the track is mounted close to the ceiling. Designed for application in retail spaces, shop-windows displays, museums and exhibition spaces, where high lumen packages are required.

Pinpin

Glare-free table and counter luminaire. Two adjustable (0°–25°) light sources contained in a double cylinder for extended beam spread. The ideal spacing between luminaire and table surface is 600–700 mm. The rods can be shortened. Special lengths available on request. Recommended lamp 20 or 35W, 60° IRC.

Shop-V 100

Pendant luminaire for application above tables and counters. The ideal spacing between luminaire and table surface is 600 to 700mm. Rods can be shortened. Special lengths on request.

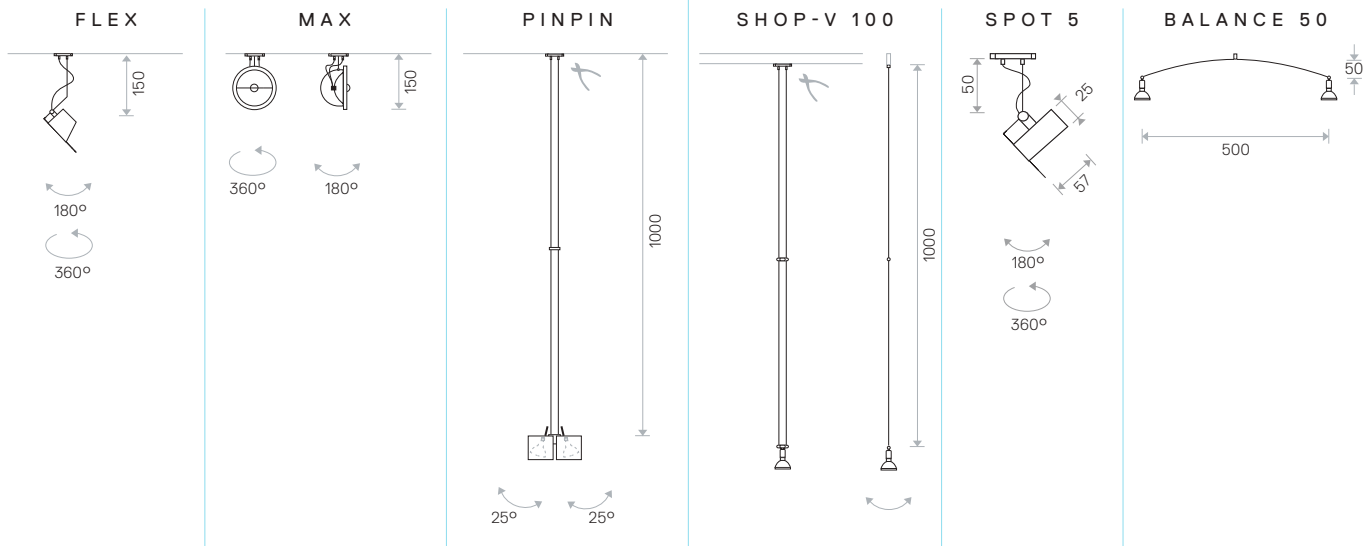
Spot 5

Directional spotlight for general and accent lighting. Rotatable 360° and tiltable 180°. Designed for application in retail spaces, shop-windows displays, museums and exhibition spaces.

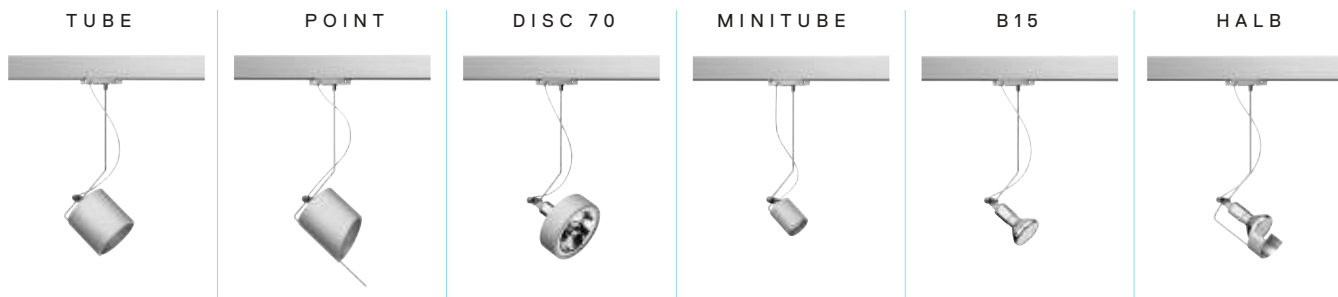
Balance 50

Project luminaire for tables, counters and general lighting tasks. Attractive applied in groups. Only suitable for application with pendant system LightLight® PEND.

**Rotación
Rotation Features**



FLEX



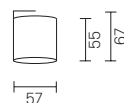
FLEX / TUBE



QR-CBC 51
clear/frosted
GX5.3
20/35/50W

-OR-

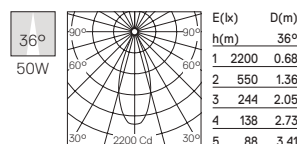
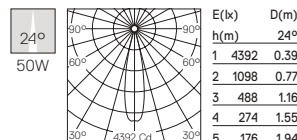
LED
QR-CBC 51
GX5.3
4/7/10W



Proyector para ser instalado a carril de superficie o de techo de 12V. Adaptador para carril integrado.

Spotlight to be installed on 12V pending or ceiling track system. Track adapter integrated.

BU32102W
BU32102A
BU32102B
BU32102P



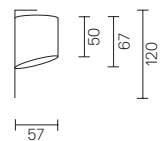
FLEX / POINT



QR-CBC 51
clear/frosted
GX5.3
20/35/50W

-OR-

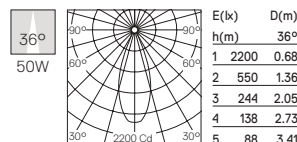
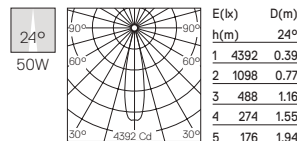
LED
QR-CBC 51
GX5.3
4/7/10W



Proyector para ser instalado a carril de superficie o de techo de 12V. Adaptador para carril integrado.

Spotlight to be installed on 12V pending or ceiling track system. Track adapter integrated.

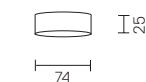
BU32103W
BU32103A
BU32103B
BU32103P



FLEX / DISC 70



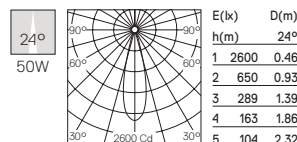
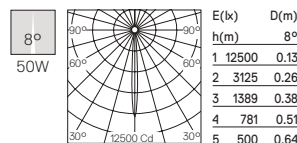
QR-70
BA15d
20/50W



Proyector para ser instalado a carril de superficie o de techo de 12V. Adaptador para carril integrado.

Spotlight to be installed on 12V pending or ceiling track system. Track adapter integrated.

BU32005W
BU32005A
BU32005B
BU32005P

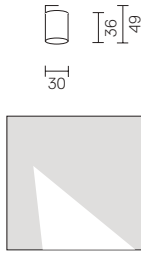


LIGHTLIGHT® PEND/CEILING

FLEX / MINITUBE



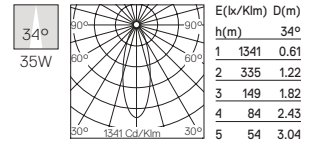
QR-CBC 25
clear/frosted
GZ4
20/35W



Proyector para ser instalado a carril de superficie o de techo de 12V. Adaptador para carril integrado.

BU32105A
BU32105B
BU32105P

Spotlight to be installed on 12V pending or ceiling track system. Track adapter integrated.



FLEX / B15



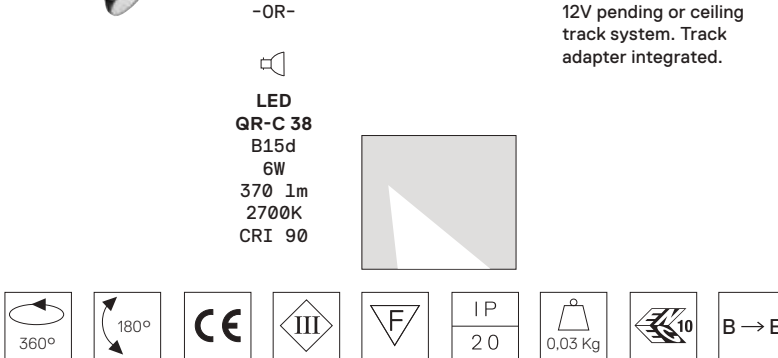
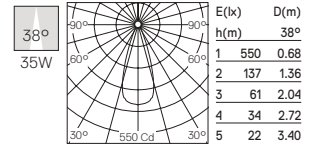
QR-C 38
clear/frosted
B15d
20/35W



Proyector para ser instalado a carril de superficie o de techo de 12V. Adaptador para carril integrado.

BU32000P

Spotlight to be installed on 12V pending or ceiling track system. Track adapter integrated.



FLEX / HALB



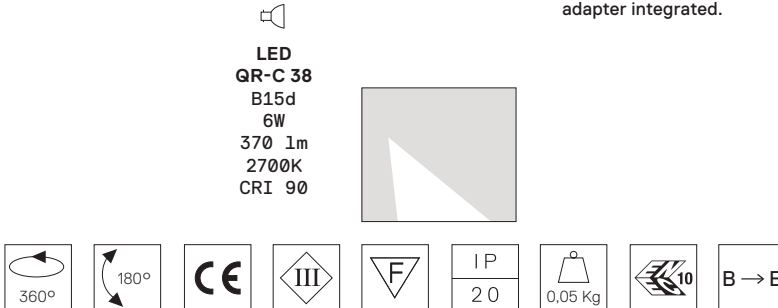
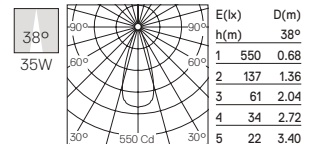
QR-C 38
clear/frosted
B15d
20/35W



Proyector para ser instalado a carril de superficie o de techo de 12V. Adaptador para carril integrado.

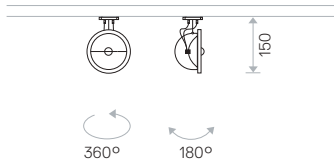
BU32001P

Spotlight to be installed on 12V pending or ceiling track system. Track adapter integrated.



Es posible hacer un retrofit con lámparas LED convencionales.
Retrofit possible with conventional LED lamps.

LIGHTLIGHT® PEND/CEILING



MAX

Luminaria direccional para iluminación general e iluminación de acento. Orientable 360° y basculante 180°. Debe prestarse atención a la radiación térmica si el carril está montado cerca del techo. Diseñado para su aplicación en tiendas, escaparates exposiciones, museos y espacios expositivos, donde es necesario un alto flujo luminoso.

Directional spotlight for general and accent lighting. Rotatable 360° and tiltable 180°. Attention should be paid to thermal radiation if the track is mounted close to the ceiling. Designed for application in retail spaces, shop-windows displays, museums and exhibition spaces, where high lumen packages are required.

DISC 111



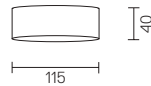
MAX / DISC 111



QR-111
G53
35/50/60W

-OR-

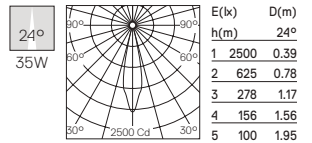
LED QR-111



Proyector para ser instalado a carril de superficie o de techo de 12V. Adaptador para carril integrado.

- BU60050W
- BU60050A
- BU60050B
- BU60050P

Spotlight to be installed on 12V pending or ceiling track system. Track adapter integrated.



Accesorios
Accessories

Elemento apantallador tipo "nido de abeja", realizado en aluminio y acabado en negro.



RF18557

"Honeycomb" anti-glare screen: in thin, black-painted aluminium sheets.

Rejilla de apantallamiento de aluminio en acabado negro o plata para lámparas halógenas o de LED.



Halogen
BU60021
BU60022

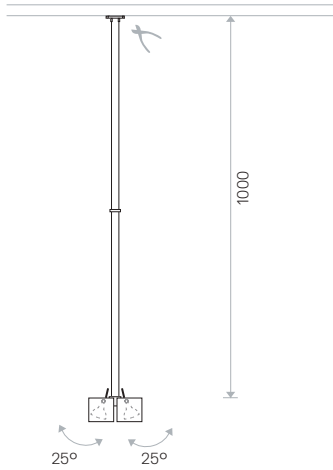
"Honeycomb" anti-glare screen in black painted or silver aluminium sheets for halogen or LED light sources.



LED
BU60023
BU60024

Es posible hacer un retrofit con lámparas LED convencionales.
Retrofit possible with conventional LED lamps.

LIGHTLIGHT® PEND/CEILING

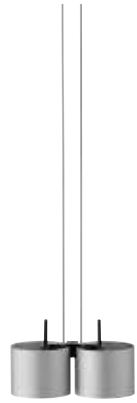


PIN PIN

Luminaria suspendida para iluminación de mesas y mostradores que no produce deslumbramiento. Dispone de dos fuentes de luz ajustables (0° - 25°) contenidas en un cilindro doble. El espacio ideal entre la luminaria y la mesa es de 600-700 mm. Las varillas se pueden acortar. Longitudes especiales disponibles bajo pedido. Lámpara recomendada de 20 ó 35W, 60° de IRC.

Glare-free table and counter luminaire. Two adjustable (0°-25°) light sources contained in a double cylinder for extended beam spread. The ideal spacing between luminaire and table surface is 600-700mm. The rods can be shortened. Special lengths available on request. Recommended lamp 20 or 35W, 60° IRC.

PIN PIN



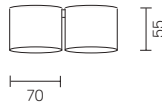
PIN PIN



GR-CBC 51
clear/frosted
GX5.3
20/35W

-OR-

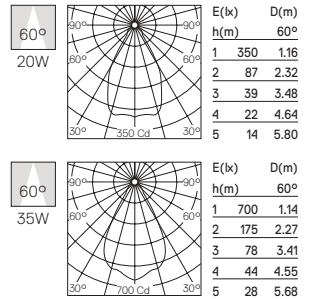
LED
GR-CBC 51
GX5.3
4W



Luminaria suspendida para iluminación de mesas y mostradores para ser instalada a carril de suspensión o de techo de 12V. Adaptador para carril integrado.

- BU33000W
- BU33000A
- BU33000B
- BU33000P

Table and counter luminaire to be installed on 12V pending or ceiling track system. Track adapter integrated.



Es posible hacer un retrofit con lámparas LED convencionales.
Retrofit possible with conventional LED lamps.

SHOP-V 100

TUBE



DISC 70



MINITUBE



B15



SHOP-V 100 / TUBE

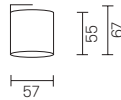


QR-CBC 51
clear/frosted
GX5.3
20/35/50W

-OR-



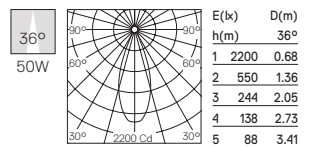
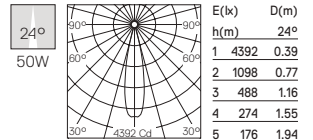
LED
QR-CBC 51
GX5.3
4/7/10W



Luminaria suspendida para iluminación de mesas y mostradores para ser instalada a carril de suspensión o de techo de 12V. Adaptador para carril integrado.

BU35602W
BU35602A
BU35602B
BU35602P

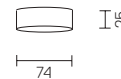
Table and counter luminaire to be installed on 12V pending or ceiling track system. Track adapter integrated.



SHOP-V 100 / DISC 70



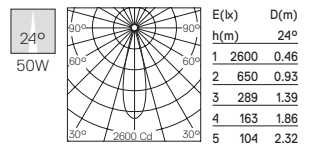
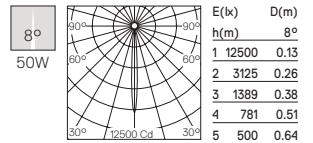
QR-70
BA15d
20/50W



Luminaria suspendida para iluminación de mesas y mostradores para ser instalada a carril de suspensión o de techo de 12V. Adaptador para carril integrado.

BU35505W
BU35505A
BU35505B
BU35505P

Table and counter luminaire to be installed on 12V pending or ceiling track system. Track adapter integrated.



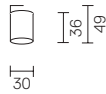
Es posible hacer un retrofit con lámparas LED convencionales.
Retrofit possible with conventional LED lamps.

LIGHTLIGHT® PEND/CEILING

SHOP-V 100 / MINITUBE



QR-CBC 25
clear/frosted
GZ4
20/35W



Luminaria suspendida para iluminación de mesas y mostradores para ser instalada a carril de suspensión o de techo de 12V. Adaptador para carril integrado.

BU35605A
BU35605B
BU35605P

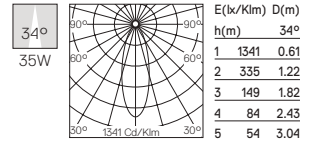


Table and counter luminaire to be installed on 12V pending or ceiling track system. Track adapter integrated.



SHOP-V 100 / B15



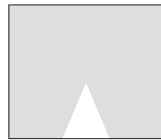
QR-C 38
clear/frosted
B15d
20/35W



-OR-

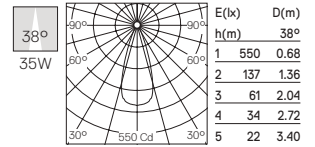


LED
QR-C 38
B15d
6W
370 lm
2700K
CRI 90



Luminaria suspendida para iluminación de mesas y mostradores para ser instalada a carril de suspensión o de techo de 12V. Adaptador para carril integrado.

BU35500P



Es posible hacer un retrofit con lámparas LED convencionales.
Retrofit possible with conventional LED lamps.

SPOT 5

SHORT

MINITUBE

HALB

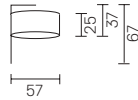
B15



SPOT 5 / SHORT



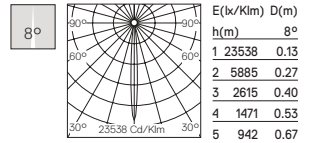
QR-48
GY4
20W



Proyector para ser instalado a carril de superficie o de techo de 12V. Adaptador para carril integrado.

BU32400W
BU32400A
BU32400B
BU32400P

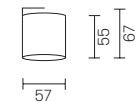
Spotlight to be installed on 12V pending or ceiling track system. Track adapter integrated.



SPOT 5 / MINITUBE



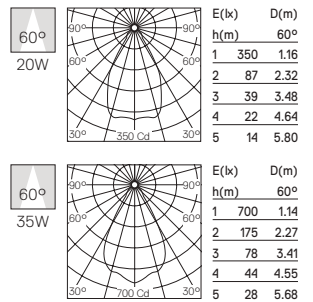
QR-CBC 51
clear/frosted
GX5.3
20/35W



Proyector para ser instalado a carril de superficie o de techo de 12V. Adaptador para carril integrado.

BU32405A
BU32405B
BU32405P

Spotlight to be installed on 12V pending or ceiling track system. Track adapter integrated.



LIGHTLIGHT® PEND/CEILING

SPOT 5 / HALB

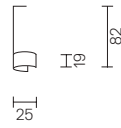


QR-C 38
clear/frosted
B15d
20/35W

-OR-



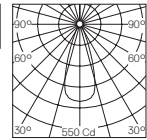
LED
QR-C 38
B15d
6W
370 lm
2700K
CRI 90



Proyector para ser instalado a carril de superficie o de techo de 12V. Adaptador para carril integrado.

BU32301P

Spotlight to be installed on 12V pending or ceiling track system. Track adapter integrated.



	E(k)	D(m)
	h(m)	38°
1	550	0.68
2	137	1.36
3	61	2.04
4	34	2.72
5	22	3.40



SPOT 5 / B15



QR-C 38
clear/frosted
B15d
20/35W

-OR-



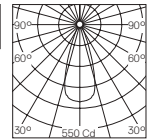
LED
QR-C 38
B15d
6W
370 lm
2700K
CRI 90



Proyector para ser instalado a carril de superficie o de techo de 12V. Adaptador para carril integrado.

BU32302P

Spotlight to be installed on 12V pending or ceiling track system. Track adapter integrated.



	E(k)	D(m)
	h(m)	38°
1	550	0.68
2	137	1.36
3	61	2.04
4	34	2.72
5	22	3.40



Es posible hacer un retrofit con lámparas LED convencionales.
Retrofit possible with conventional LED lamps.

BALANCE 50



BALANCE 50 / TUBE



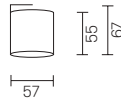
QR-CBC 51
clear/frosted
GX5.3
20/35/50W



-OR-



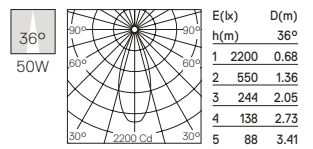
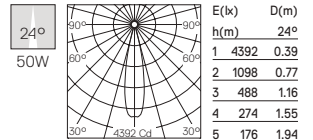
LED
QR-CBC 51
GX5.3
4/7/10W



Luminaria para ser instalada a carril de superficie de 12V. Adaptador para carril integrado.

BU37602W
BU37602A
BU37602B
BU37602P

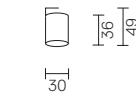
Luminaire to be installed on 12V pending track system. Track adapter integrated.



BALANCE 50 / MINITUBE



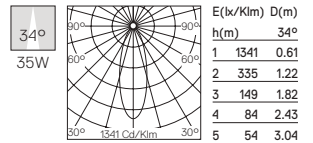
QR-CBC 25
clear/frosted
GZ4
20/35W



Luminaria para ser instalada a carril de superficie de 12V. Adaptador para carril integrado.

BU37605A
BU37605B
BU37605P

Luminaire to be installed on 12V pending track system. Track adapter integrated.



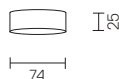
Es posible hacer un retrofit con lámparas LED convencionales.
Retrofit possible with conventional LED lamps.

LIGHTLIGHT® PEND

BALANCE 50 / DISC 70



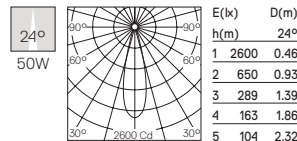
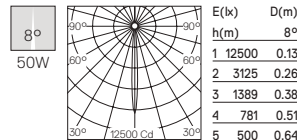
QR-70
BA15d
20/50W



Luminaria para ser instalada a carril de superficie de 12V. Adaptador para carril integrado.

- BU37525W
- BU37525A
- BU37525B
- BU37525P

Luminaire to be installed on 12V pending track system. Track adapter integrated.



BALANCE 50 / B15



QR-C 38
clear/frosted
B15d
20/35W

-OR-



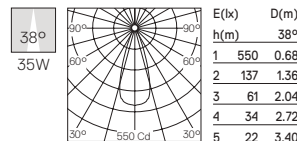
LED
QR-C 38
B15d
6W
370 lm
2700K
CRI 90



Luminaria para ser instalada a carril de superficie de 12V. Adaptador para carril integrado.

- BU37520P

Luminaire to be installed on 12V pending track system. Track adapter integrated.



BALANCE 50 / MR16



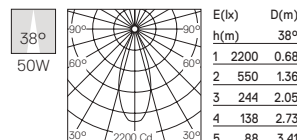
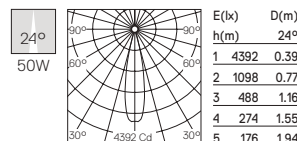
QR-CBC 51
clear/frosted
GX5.3
20/35/50W



Luminaria para ser instalada a carril de superficie de 12V. Adaptador para carril integrado.

- BU37620P

Luminaire to be installed on 12V pending track system. Track adapter integrated.



Es posible hacer un retrofit con lámparas LED convencionales.
Retrofit possible with conventional LED lamps.

LIGHTLIGHT® PEND

LightLight® PEND es el sistema de carril de baja tensión para ser instalado suspendido, es modular y de fácil mantenimiento. El carril se suspende del techo a través de cables de acero.

Sistema 12V, 25A

Un sistema de conexión rápida conecta los elementos del carril al suministro de electricidad. Las luminarias LightLight® se pueden montar en cualquier lugar del carril, moverse o quitarse sin herramientas.

El carril y sus accesorios están disponibles en cuatro acabados diferentes: aluminio anodizado, aluminio pulido, negro (aluminio anodizado), blanco (con recubrimiento de polvo de aluminio, RAL 9016 mate). Cuerpo de producto disponible en cuatro acabados diferentes: aluminio anodizado, aluminio pulido, negro (aluminio anodizado), blanco (con recubrimiento de polvo de aluminio, RAL 9016 mate). Colores especiales disponibles bajo pedido.

El cable de alimentación de 230V puede ser colocado de forma invisible en el canal superior del carril, para alimentar transformadores lejos de la salida de cable de la instalación (bajo pedido).

Sistema de Seguridad a través de Transformadores

Transformadores electrónicos y ferromagnéticos completan el sistema, y garantizan la seguridad en caso de que se interrumpa el funcionamiento.

Las buenas propiedades eléctricas de los materiales utilizados, el diseño coaxial, los conductores de gran diámetro y los conectores de alto rendimiento, dan un flujo de energía de baja pérdida.

Diseño de Larga Duración

El diseño de LightLight® es lógico y claro. Es único y perdura en el tiempo, tiene un diseño discreto y sin pretensiones que consigue que el ojo nunca se canse.

LightLight® PEND is the maintenance-friendly, modular low-voltage track system for pendant mounting. The track is suspended from the ceiling via steel cables.

System. 12V, 25A

A spring-cushioned plug and screw system connects the track elements to the electricity supply. LightLight® spots and LightLight® pendants can be mounted anywhere on the installed track system, and moved or removed altogether without tools.

Track and system parts are available in four different finishes – alumatt, polished, black (anodized aluminium), white (powder-coated aluminium, RAL 9016 matt). Shades available in matching colours – alumatt, black (matt anodized aluminium), polished (hand polished) and white (RAL 9016 matt). Custom colours available on request.

A 230V mains lead can be fed invisibly in the upper low voltage track channel to supply, for example, a system transformer, if the ceiling outlet lies unfavourably (on request).

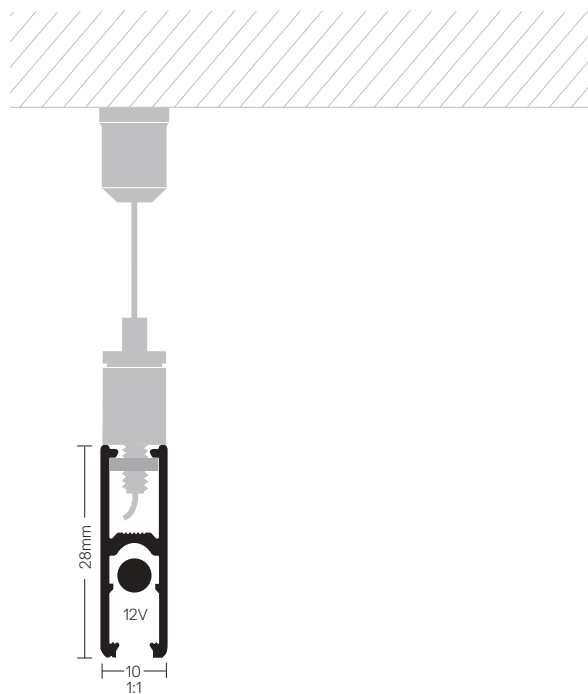
Safety through System Transformers

Electronic and magnetic safety transformers complete the system, and guarantee safe, uninterrupted operation.

The good electrical properties of the materials used, the «coaxial» design, large-diameter conductors and high-performance connectors make for low loss energy flow.

Safety through Long-Lasting Design

LightLight® design is logical and clear. It is unique and timeless and so discreet and unassuming that the eye will never tire of it.





A Aluminio Anodizado
A Anodized Aluminium



P Aluminio Pulido
P Polished Aluminium



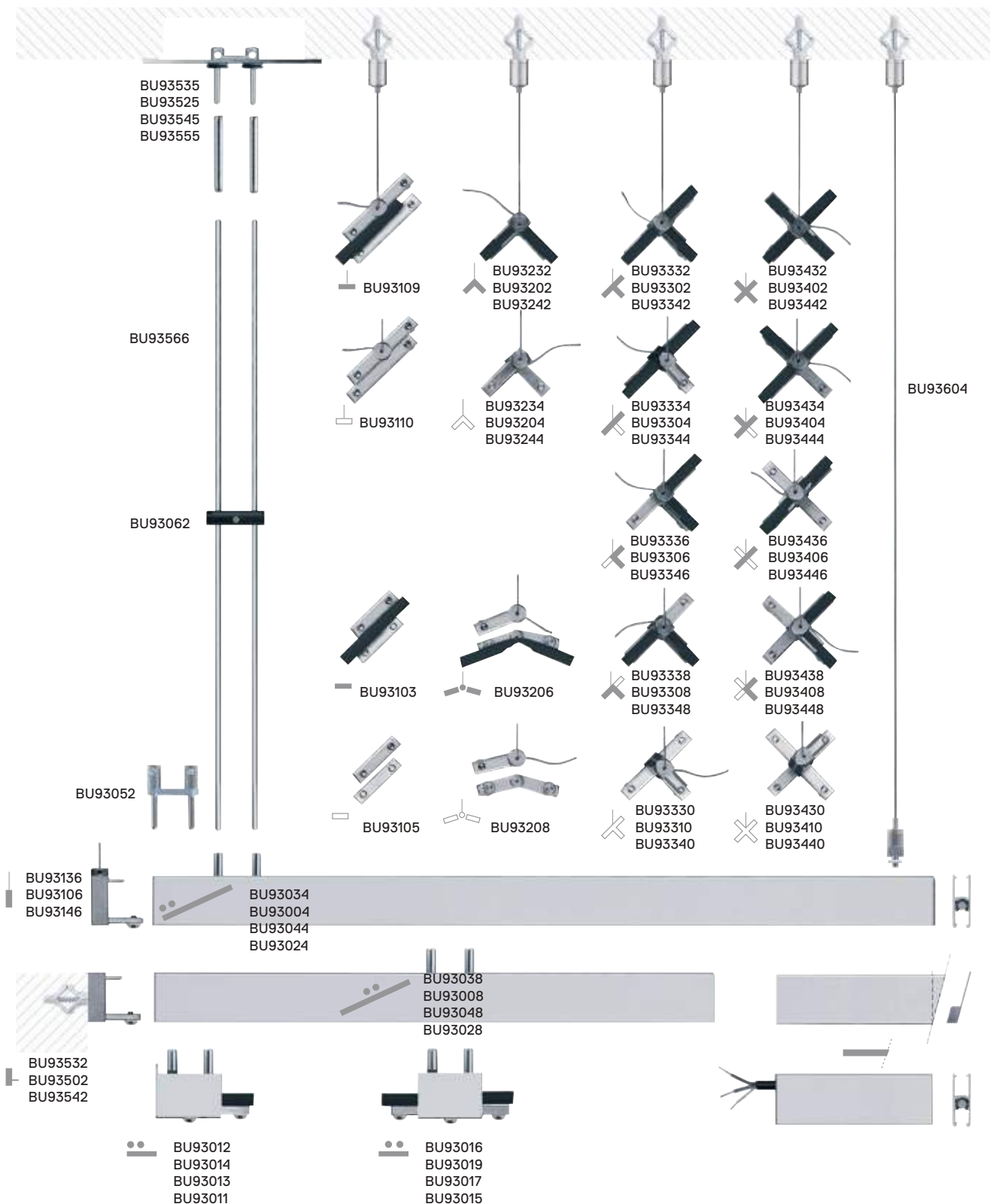
W Blanco
W White



B Negro Anodizado
B Anodized Black

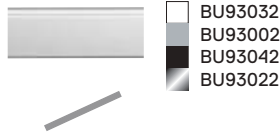


LIGHTLIGHT® PEND SYSTEM



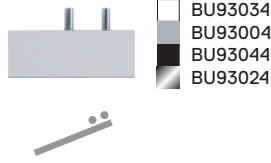
LIGHTLIGHT® PEND SYSTEM

Carril suspendido, L=2000, sin cable de suspensión. Puede acortarse in-situ.



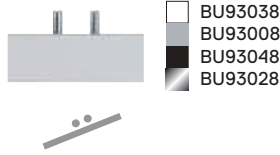
Pendant track, L=2000, without cable suspension. Can be shortened on site.

Carril suspendido con alimentación, L=2000, sin cable de suspensión. No puede acortarse in-situ. Con 2 tapas finales y 1 varilla de alimentación, L=2000, se puede cortar en secciones. Derecha o izquierda.



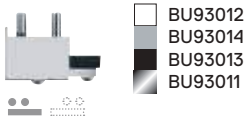
Pendant track with power feed, L=2000, without cable suspension. Cannot be shortened on site. With 2 end caps and 1 power rod, L=2000, can be cut into sections. Right or left.

Carril suspendido con alimentación, L=2000, sin cable de suspensión. No puede acortarse in-situ. Con 2 tapas finales y 1 varilla de alimentación, L=2000, se puede cortar en secciones. Central.



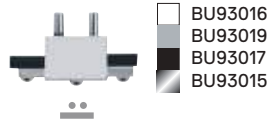
Pendant track with power feed, L=2000, without cable suspension. Cannot be shortened on site. With 2 end caps and 1 power rod, L=2000, can be cut into sections. Centre.

Conector de alimentación, incluye 2 tapas finales, superior, L=35, con conexión rápida para las varillas. Derecha o izquierda.



Power feed, including 2 end caps, top, L=35, with plug-type connection for rods. Right or left.

Conector de alimentación, incluye 2 tapas finales, superior, L=35, con conexión rápida para las varillas. Central.



Power feed, including 2 end caps, top, L=35, with plug-type connection for rods. Centre.

Conector de alimentación, incluye 2 tapas finales, axial, L=35, derecha o izquierda, tornillo de conexión.



Power feed, including 2 end caps, axial, L=35, right or left, screw connection.

Carril curvado, L=1570. Sin conector de alimentación puede acortarse in-situ.



Track curved, L=1570. Without power feed can be shortened on site.

Carril curvado, L=1570. Con conector de alimentación izquierdo no puede acortarse in-situ.



Track curved, L=1570. With power feed left cannot be shortened on site.

Carril curvado, L=1570. Con conector de alimentación derecho no puede acortarse in-situ.



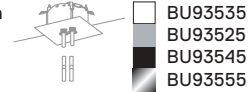
Track curved, L=1570. With power feed right cannot be shortened on site.

Colores especiales de acuerdo con el sistema RAL.

On Demand

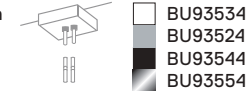
Custom colour according to RAL system.

Canopla con plug-in de conexión para las varillas, con placa 100x100. Empotrado.



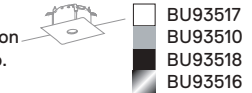
LV-canopy, with plug-in coupling for power rods, cover plate 100x100. Recessed.

Canopla con plug-in de conexión para las varillas, con placa 100x100. Superficie.



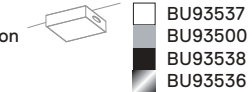
LV-canopy, with plug-in coupling for power rods, cover plate 100x100. Surface-mounted.

Caja de distribución para alimentación eléctrica directa, con cubierta de 100x100. Empotrado.



Ceiling distribution box for mains supply, with cover plate 100x100. Recessed.

Caja de distribución para alimentación eléctrica directa, con cubierta de 100x100. Superficie.

















Ceiling distribution box for mains supply, with cover plate 100x100. Surface-mounted.

Varilla, L=2000, se puede cortar en secciones.



Power rod, L=2000, can be cut into sections.

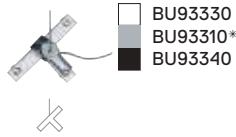
LIGHTLIGHT® PEND SYSTEM

<p>Unión para varillas de más de 1 metro.</p> <p>Spacer for power rods longer than 1 metre.</p>	 <p>BU93062</p>	<p>Conector en ángulo de 90°, L=10. Con cable, L=1500. No conductivo.</p> <p>Angle connector 90°, L=10. With cord, L=1500. Non-conductive.</p>  <p>BU93234 BU93204 BU93244</p>
<p>Conector macho de alimentación con tornillo.</p> <p>Male connector for power feed, screw terminal.</p>	 <p>BU93052W BU93052A BU93052B</p>	<p>Conjunto conector 80-280°, L=0. Con cable, L=1500, corte en inglete in-situ. Conductivo.</p> <p>Joint connector 80-280°, L=0. With cord, L=1500, mitre cut on site. Conductive.</p>  <p>BU93206</p>
<p>Conector lineal L=0. Con cable, L=1500. Conductivo.</p> <p>Linear connector L=0. With cord, L=1500. Conductive.</p>	 <p>BU93109</p>	<p>Conjunto conector 80-280°, L=0. Con cable, L=1500, corte en inglete en el sitio. No conductivo.</p> <p>Joint connector 80-280°, L=0. With cord, L=1500, mitre cut on site. Non-conductive.</p>  <p>BU93208</p>
<p>Conector lineal L=0. Con cable, L=1500. No conductivo.</p> <p>Linear connector L=0. With cord, L=1500. Non-conductive.</p>	 <p>BU93110</p>	<p>Conector en T, L=10. Con cable, L=1500. Conexión de tres vías. Conductivo.</p> <p>T-connector, L=10. With cord, L=1500. Three-way conductive.</p>  <p>BU93332 BU93302* BU93342</p>
<p>Conector lineal L=0. Sin cable. Conductivo.</p> <p>Linear connector L=0. Without cord. Conductive.</p>	 <p>BU93103</p>	<p>Conector en T, L=10. Con cable, L=1500. Conexión lineal. Conductivo.</p> <p>T-connector, L=10. With cord, L=1500. Linear conductive.</p>  <p>BU93334 BU93304* BU93344</p>
<p>Conector lineal L=0. Sin cable. No conductivo.</p> <p>Linear connector L=0. Without cord. Non-conductive.</p>	 <p>BU93105</p>	<p>Conector en T, L=10. Con cable, L=1500. Conexión derecha. Conductivo.</p> <p>T-connector, L=10. With cord, L=1500. Right-hand conductive.</p>  <p>BU93336 BU93306* BU93346</p>
<p>Conector en ángulo de 90°, L=10. Con cable, L=1500. Conductivo.</p> <p>Angle connector 90°, L=10. With cord, L=1500. Conductive.</p>	 <p>BU93232 BU93202* BU93242</p>	<p>Conector en T, L=10. Con cable, L=1500. Conexión izquierda. Conductivo.</p> <p>T-connector, L=10. With cord, L=1500. Left-hand conductive.</p>  <p>BU93338 BU93308* BU93348</p>

* Utilizar la misma referencia también para el acabado aluminio pulido.
Use the same article code also for the polished aluminum finish.

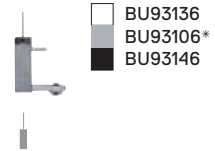
LIGHTLIGHT® PEND SYSTEM

Conector en T, L=10. Con cable, L=1500.
No conductivo.



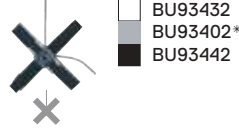
T-connector, L=10. With cord, L=1500.
Non-conductive.

Tapa final, L=10. Con cable, L=1500.



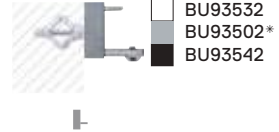
End element, L=10. With cord, L=1500.

Conector en cruz, L=10. Con cable, L=1500.
Conexión de cuatro vías.



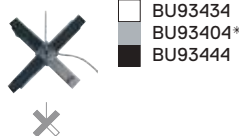
Cross connector, L=10. With cord, L=1500.
Four-way conductive.

Sujeción a pared, L=10.
Con tornillo y enganche a la pared.



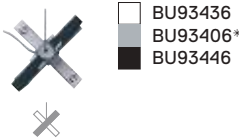
Wall fastener, L=10.
With screw and wall plug.

Conector en cruz, L=10. Con cable, L=1500.
Conexión de tres vías.



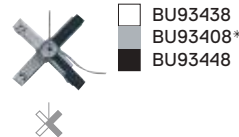
Cross connector, L=10. With cord, L=1500.
Three-way conductive.

Conector en cruz, L=10. Con cable, L=1500.
Conexión lineal.



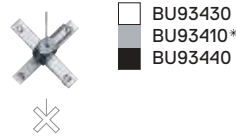
Cross connector, L=10. With cord, L=1500.
Linear conductive.

Conector en cruz, L=10. Con cable, L=1500.
Conexión en ángulo.



Cross connector, L=10. With cord, L=1500.
Angular conductive.

Conector en cruz, L=10. Con cable, L=1500.
No conductivo.



Cross connector, L=10. With cord, L=1500.
Non-conductive

Cable de suspensión, L=1500. Puede colocarse en cualquier posición.



Cable suspension, L=1500.
Can be positioned as required.

* Utilizar la misma referencia también para el acabado aluminio pulido.
Use the same article code also for the polished aluminum finish.

LIGHTLIGHT® CEILING SYSTEM

LightLight® CEILING es el sistema de carril de baja tensión, para instalarse a techo. El carril de superficie se monta en el techo usando pernos.

Sistema 12V, 25A

Un sistema de conexión rápida conecta los elementos del carril al suministro de electricidad. Las luminarias LightLight® se pueden montar en cualquier lugar del carril, moverse o quitarse sin herramientas.

El carril y sus accesorios están disponibles en cuatro acabados diferentes: aluminio anodizado, aluminio pulido, negro (aluminio anodizado), blanco (con recubrimiento de polvo de aluminio, RAL 9016 mate). Cuerpo de producto disponible en cuatro acabados diferentes: aluminio anodizado, aluminio pulido, negro (aluminio anodizado), blanco (con recubrimiento de polvo de aluminio, RAL 9016 mate). Colores especiales disponibles bajo pedido.

El cable de alimentación de 230V puede ser colocado de forma invisible en el canal superior del carril, para alimentar transformadores lejos de la salida de cable de la instalación (bajo pedido).

Sistema de Seguridad a través de Transformadores

Transformadores electrónicos y ferromagneticos completan el sistema, y garantizan la seguridad en caso de que se interrumpa el funcionamiento.

Las buenas propiedades eléctricas de los materiales utilizados, el diseño coaxial, los conductores de gran diámetro y los conectores de alto rendimiento, dan un flujo de energía de baja pérdida.

Diseño de Larga Duración

El diseño de LightLight® es lógico y claro. Es único y perdura en el tiempo, tiene un diseño discreto y sin pretensiones que consigue que el ojo nunca se canse de él.

LightLight® CEILING is a maintenance-friendly, modular low-voltage track system for surface mounting on the ceiling. The track is surface-mounted on the ceiling using bolt adapters.

System. 12V, 25A

A spring-cushioned plug and screw system connects the track elements to the electricity supply. LightLight® spots and LightLight® pendants can be mounted anywhere on the installed track system, and moved or removed altogether without tools.

Track and system parts are available in four different finishes – alumatt, polished, black (anodized aluminium), white (powder-coated aluminium, RAL 9016 matt). Shades available in matching colours – alumatt, black (matt anodized aluminium), polished (hand polished) and white (RAL 9016 matt). Custom colours available on request. A 230V mains lead can be fed invisibly in the upper low voltage track channel to supply, for example, a system transformer, if the ceiling outlet lies unfavourably (on request).

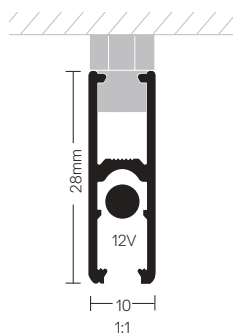
Safety through System Transformers

Electronic and magnetic safety transformers complete the system, and guarantee safe, uninterrupted operation.

The good electrical properties of the materials used, the «coaxiale» design, large-diameter conductors and high-performance connectors make for low loss energy flow.

Safety through Long-Lasting Design

LightLight® design is logical and clear. It is unique and timeless and so discreet and unassuming that the eye will never tire of it.



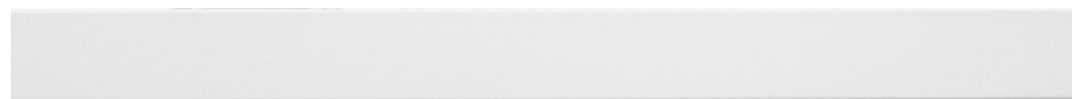
■ A Aluminio Anodizado
A Anodized Aluminium



■ P Aluminio Pulido
P Polished Aluminium



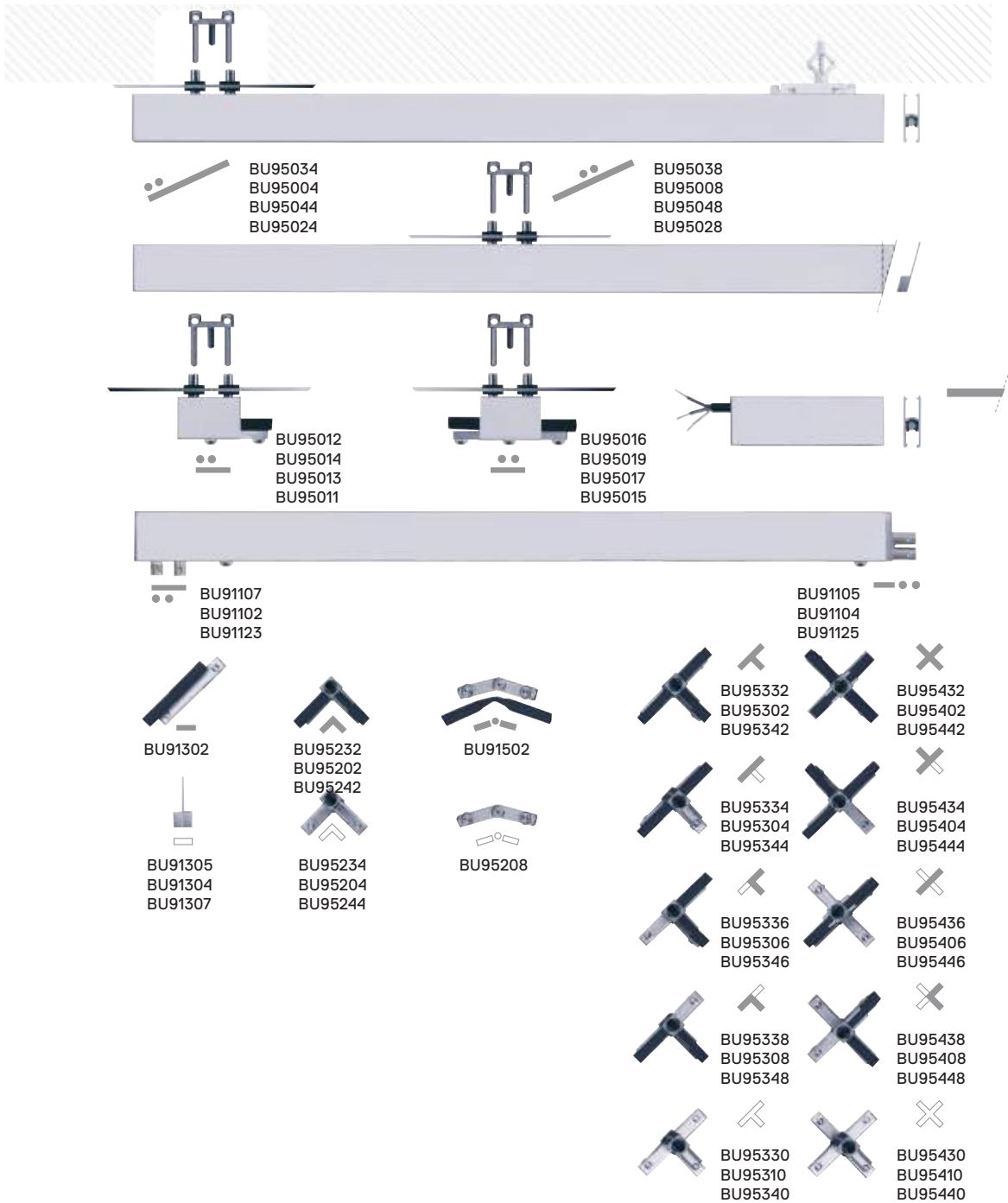
□ W Blanco
W White



■ B Negro Anodizado
B Anodized Black

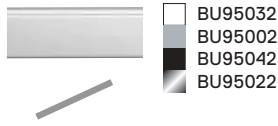


LIGHTLIGHT® CEILING



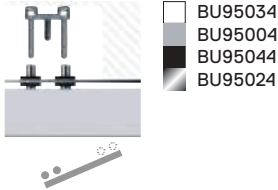
LIGHTLIGHT® CEILING SYSTEM

Carril de superficie, L=2000. Puede acortarse in-situ, incluye material de montaje.



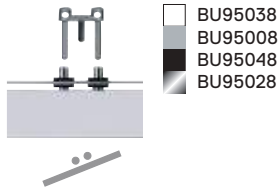
Ceiling track, L=2000. Can be shortened on site, incl. mounting material.

Carril de superficie con alimentación, L=2000. No puede acortarse in-situ. Con placa protectora de 100x100, con alimentación atornillada. Derecho o izquierdo.



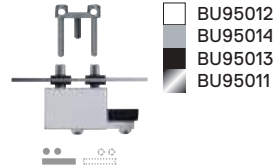
Ceiling track with power feed, L=2000. Cannot be shortened. With cover plate 100x100, plug with screw terminal. Right or left.

Carril de superficie con alimentación, L=2000. No puede acortarse in-situ. Con placa protectora de 100x100, con alimentación atornillada. Central.



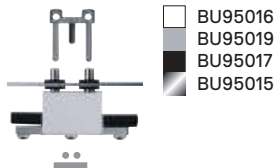
Ceiling track with power feed, L=2000. Cannot be shortened. With cover plate 100x100, plug with screw terminal. Centre.

Conector de alimentación, L=35. Con placa protectora de 100x100, con alimentación atornillada. Derecho o izquierdo.



Power feed, L=35. With cover plate 100x100, plug with screw terminal. Right or left.

Conector de alimentación, L=35. Con placa protectora de 100x100, con alimentación atornillada. Central.



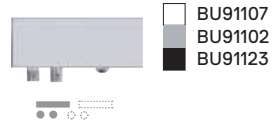
Power feed, L=35. With cover plate 100x100, plug with screw terminal. Centre.

Conector de alimentación, L=35. Derecho o izquierdo, con alimentación atornillada para cable trenzado. Axial.



Power feed, L=35. Right or left, with screw terminal, for stranded cable. Axial.

Conector de alimentación, L=35. Derecho o izquierdo, con alimentación atornillada. Inferior.



Power feed, L=35. Right or left, with screw terminal, for stranded cable. Downwards.

Carril curvado, L=1570. Sin conector de alimentación. Puede acortarse in-situ.



Track curved, L=1570. Without power feed can be shortened on site.

Carril curvado, L=1570. Con conector de alimentación izquierdo. No puede acortarse in-situ.



Track curved, L=1570. With power feed left cannot be shortened on site.

Carril curvado, L=1570. Con conector de alimentación derecho. No puede acortarse in-situ.



Track curved, L=1570. With power feed right cannot be shortened on site.

Colores especiales de acuerdo con el sistema RAL.

On Demand

Custom colour according to RAL system.

Conector lineal conductivo L=0.



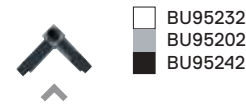
Linear connector conductive, L=0.

Conector lineal aislado, L=0.



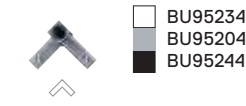
Linear connector insulating, L=0.

Conector en ángulo de 90°, L=10. Conductivo.



Angle connector 90°, L=10. Conductive.

Conector en ángulo de 90°, L=10. No conductivo.



Angle connector 90°, L=10. Non-conductive.

* Utilizar la misma referencia también para el acabado aluminio pulido. Use the same article code also for the polished aluminum finish.

LIGHTLIGHT® CEILING SYSTEM

Conjunto conector 80–280°, L=0. Corte en inglete in-situ. Conductivo.



BU91502

Joint connector 80–280°, L=0. Mitre cut on site required. Conductive.

Conjunto conector 80–280°, L=0. Corte en inglete in-situ. No conductivo.



BU95208

Joint connector 80–280°, L=0. Mitre cut on site required. Non-conductive.

Conector en T, L=10. Conexión de tres vías.



BU95332
BU95302*
BU95342

T-connector, L=10. Three-way conductive.

Conector en T, L=10. Conexión lineal.



BU95334
BU95304*
BU95344

T-connector, L=10. Linear conductive.

Conector en T, L=10. Conexión derecha.



BU95336
BU95306*
BU95346

T-connector, L=10. Right-hand conductive.

Conector en T, L=10. Conexión izquierda.



BU95338
BU95308*
BU95348

T-connector, L=10. Left-hand conductive.

Conector en T, L=10. No conductivo.



BU95330
BU95310*
BU95340

T-connector, L=10. Non-conductive.

Conector en cruz, L=10. Conexión de cuatro vías.



BU95432
BU95402*
BU95442

Cross connector, L=10. Four-way conductive.

Conector en cruz, L=10. Conexión de tres vías.



BU95434
BU95404*
BU95444

Cross connector, L=10. Three-way conductive.

Conector en cruz, L=10. Conexión lineal.



BU95436
BU95406*
BU95446

Cross connector, L=10. Linear conductive.

Conector en cruz, L=10. Conexión en ángulo.



BU95438
BU95408*
BU95448

Cross connector, L=10. Angular conductive.

Conector en cruz, L=10. No conductivo.



BU95430
BU95410*
BU95440

Cross connector, L=10. Non-conductive.

* Utilizar la misma referencia también para el acabado aluminio pulido.
Use the same article code also for the polished aluminum finish.

LIGHTLIGHT® IN SYSTEM

LightLight® IN es un sistema de carril modular empotrable a muy baja tensión y de fácil mantenimiento, que utiliza los nuevos materiales de "Soft Architecture" para placas de escayola en aplicaciones en techo o pared.

Sistema 12V, 25A

Un sistema de conexión rápida conecta los elementos del carril al suministro de electricidad. Las luminarias LightLight® se pueden montar en cualquier lugar del carril, moverse o quitarse sin herramientas.

El carril y sus accesorios están disponibles en cuatro acabados diferentes: aluminio anodizado, aluminio pulido, negro (aluminio anodizado), blanco (con recubrimiento de polvo de aluminio, RAL 9016 mate). Cuerpo de producto disponible en cuatro acabados diferentes: aluminio anodizado, aluminio pulido, negro (aluminio anodizado), blanco (con recubrimiento de polvo de aluminio, RAL 9016 mate). Colores especiales disponibles bajo pedido.

Sistema de Seguridad a través de Transformadores

Transformadores electrónicos y ferromagnéticos completan el sistema, y garantizan la seguridad en caso de que se interrumpa el funcionamiento.

Las buenas propiedades eléctricas de los materiales utilizados, el diseño coaxial, los conductores de gran diámetro y los conectores de alto rendimiento, dan un flujo de energía de baja pérdida.

Diseño de Larga Duración

El diseño de LightLight® es lógico y claro. Es único y perdura en el tiempo, tiene un diseño discreto y sin pretensiones que consigue que el ojo nunca se canse de él.

LightLight® IN is a maintenance-friendly, modular low-voltage track system for recessed mounting, using the new soft architecture components for gypsum plaster boards on walls or ceilings.

System. 12V, 25A

A spring-cushioned plug and screw system connects the track elements to the electricity supply. LightLight® spots and LightLight® pendants can be mounted anywhere on the installed track system, and moved or removed altogether without tools.

Track and system parts are available in four different finishes – alumatt, polished, black (anodized aluminium), white (powder-coated aluminium, RAL 9016 matt). Shades available in matching colours – alumatt, black (matt anodized aluminium), polished (hand polished) and white (RAL 9016 matt). Custom colours available on request.

Safety through System Transformers

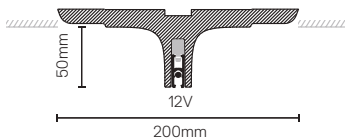
Electronic and magnetic safety transformers complete the system, and guarantee safe, uninterrupted operation.

The good electrical properties of the materials used, the «coaxial» design, large-diameter conductors and high-performance connectors make for low loss energy flow.

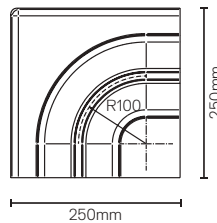
Safety through Long-Lasting Design

LightLight® design is logical and clear. It is unique and timeless and so discreet and unassuming that the eye will never tire of it.

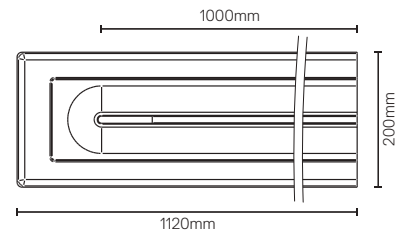
Profile Surface 2M
SA.2222.1



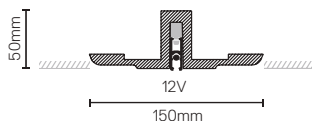
Corner Surface
SA.2226.1



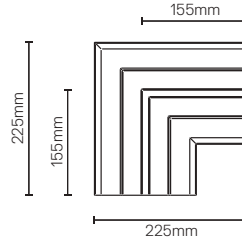
Endcap Surface
SA.2225.1



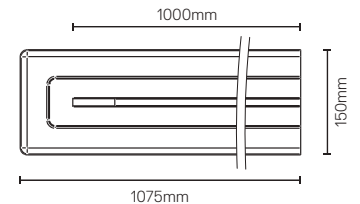
Profile Flushed 2M
SA.2212.1



Corner Flushed
SA.2216.1



Endcap Flushed
SA.2215.1



LIGHTLIGHT® IN

Carril para montaje empotrado, L=2000. Puede acortarse in-situ. No incluye material de montaje.



- BU93032
- BU93002
- BU93042
- BU93022

Track for recessed mounting, L=2000. Can be shortened on site. Without mounting set.

Carril para montaje empotrado con conector de alimentación (tornillo de conexión), no puede acortarse in-situ. Incluye 2 tapas finales. Derecha o izquierda, L=2000. No incluye material de montaje.



- BU93036
- BU93006
- BU93046
- BU93026

Track for recessed mounting with power feed (screw connection), cannot be shortened on site. 2 end caps including. Right or left, L=2000. Without mounting set.

Carril para montaje empotrado con conector de alimentación (tornillo de conexión), no puede acortarse in-situ. Incluye 2 tapas finales. Central, L=2000. No incluye material de montaje.



- BU93037
- BU93007
- BU93047
- BU93027

Track for recessed mounting with power feed (screw connection), cannot be shortened on site. 2 end caps including. Centre, L=2000. Without mounting set.

Carril para montaje empotrado con conector de alimentación (tornillo de conexión), no puede acortarse in-situ. Incluye 2 tapas finales. Derecha o izquierda, L=660. No incluye material de montaje.



- BU93035

Track for recessed mounting with power feed (screw connection), cannot be shortened on site. 2 end caps including. Right or left, L=660. Without mounting set.

Carril para montaje empotrado con conector de alimentación (tornillo de conexión), no puede acortarse in-situ. Incluye 2 tapas finales. Derecha o izquierda, L=330. No incluye material de montaje.



- BU93033

Track for recessed mounting with power feed (screw connection), cannot be shortened on site. 2 end caps including. Right or left, L=330. Without mounting set.

Conector de alimentación, incluye 2 tapas finales, superior, L=35, con tornillo de conexión. Derecha o izquierda.



- BU93612
- BU93614
- BU93613
- BU93611

Power feed, including 2 end caps. Top, L=35, with screw connection. Right or left.

Conector de alimentación, incluye 2 tapas finales, superior, L=35, con tornillo de conexión. Central.



- BU93616
- BU93619
- BU93617
- BU93615

Power feed, including 2 end caps. Top, L=35, with screw connection. Centre.

Conector lineal conductivo L=0.



- BU93111

Linear connector conductive, L=0.

Conector lineal aislado, L=1.



- BU91305
- BU91304*
- BU91307

Linear connector insulating, L=1.

Conector en ángulo de 90°, L=0. Corte en inglete in-situ.



- Conductivo
- Conductive
- BU93113

Angle connector 90°, L=0. Mitre cut on site.



- No Conductivo
- Non Conductive
- BU93115

Conector en ángulo para superficie SA.2226.1.



- Conductivo
- Conductive
- BU93119W
- BU93119A
- BU93119B
- BU93119P

Connector for corner surface SA.2226.1.









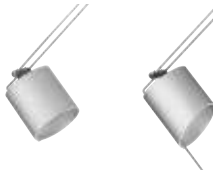







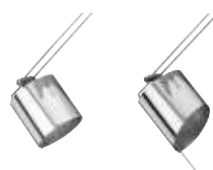

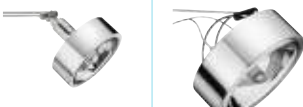



- No Conductivo
- Non Conductive
- BU93121W
- BU93121A
- BU93121B
- BU93121P

* Utilizar la misma referencia también para el acabado aluminio pulido.
Use the same article code also for the polished aluminum finish.

LIGHTLIGHT® MONO

DESIGNED BY HANS BUSCHFELD

Versión Version	TUBE	POINT	MINITUBE	DISC 70	DISC 111	PINPIN	B15	HALB		
Fuentes de Luz Light Sources	 <p>QR-CBC 51 clear/frosted GX5.3 20/35/50W - OR - LED QR-CBC 51 4/7/10W</p>		 <p>QR-CBC 25 clear/frosted GZ4 20/35W</p>		 <p>QR-70 BA15d 20/50W</p>		 <p>QR-111 G53 20/50/60W - OR - LED QR-111</p>		 <p>QR-CBC 51 clear/frosted GX5.3 20/35W - OR - LED QR-CBC 51 4W</p> <p>QR-C 38 clear/frosted B15d 20/35W - OR - LED QR-C 38 6W 2700K CRI 90</p>	
Colores Colours	<input type="checkbox"/> W Blanco W White									
										
	<input type="checkbox"/> A Aluminio Anodizado A Anodized Aluminium									
										
	<input type="checkbox"/> B Negro Anodizado B Anodized Black									
										
	<input type="checkbox"/> P Aluminio Pulido P Polished Aluminium									
										



LIGHTLIGHT® MONO

Shop Mono

Luminaria de iluminación general para ser instalada a pared con sistema de montaje empotrado o de superficie. Luminaria empotrada con caja de instalación a pared y cubierta. El transformador debe ser pedido por separado. La versión montada en superficie se suministra con transformador electrónico dimable.

Max Mono

Proyector orientable de iluminación general y de acento para empotrar o instalar en superficie. La versión empotrada se suministra con caja de instalación y cubierta. El transformador se debe pedir por separado. La versión para montar en superficie se suministra con transformador electrónico regulable integral.

Pinpin Mono

Luminaria para iluminación de mesas y mostradores para ser instalada a pared con sistema de montaje empotrado o de superficie que no produce deslumbramiento. Dispone de dos fuentes de luz ajustables (0° - 25°) contenidas en un cilindro doble. La versión empotrada se suministra con caja de instalación a pared y cubierta. El transformador debe de pedirse por separado. La versión montada en superficie se suministra con transformador electrónico dimable. Lámpara recomendada de 20 ó 35W, 60° de IRC.

Shop Mono

Wall and pendant luminaire for general and accent lighting for recessed or surface mounting. Recessed luminaire supplied with wall box and cover plate. Transformer to be ordered separately. Surface-mounted version supplied with integral dimmable electronic transformer.

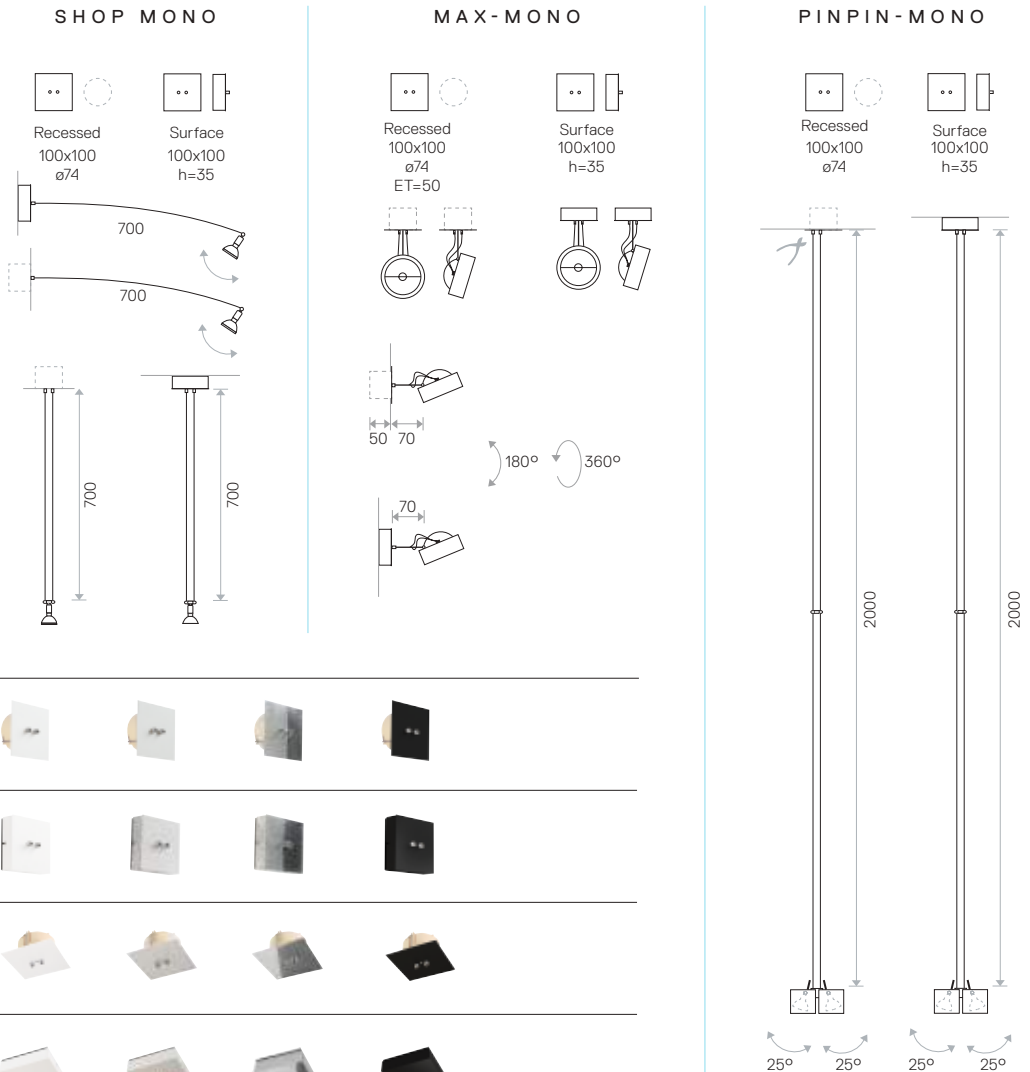
Max Mono

Directional spotlight for general and accent lighting for recessed or surface mounting. Recessed luminaire supplied with wall box and cover plate. Transformer to be ordered separately. Surface-mounted version supplied with integral dimmable electronic transformer.

Pinpin Mono

Glare-free table and counter luminaire for recessed or surface mounting. Two adjustable (0°–25°) light sources contained in a double cylinder for extended beam spread. Recessed luminaire supplied with wall box and cover plate. Transformer to be ordered separately. Surface-mounted version with dimmable electronic transformer. Recommended lamp 35W, 60° IRC.

Rotación Rotation Features



Installation Wall-Mounted Recessed



Installation Wall-Mounted Surface



Installation Ceiling-Mounted Recessed



Installation Ceiling-Mounted Surface



SHOP MONO

TUBE

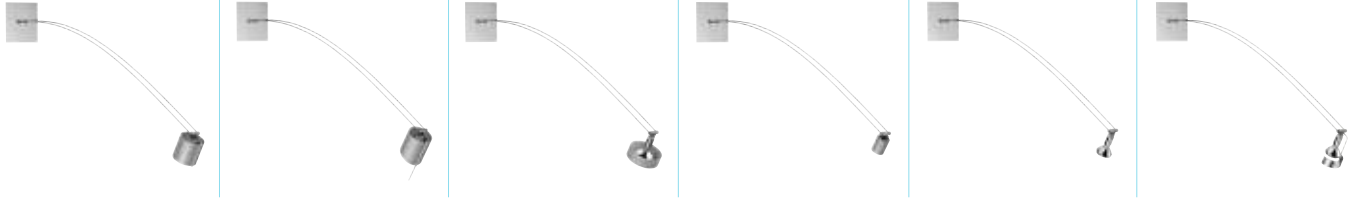
POINT

DISC 70

MINITUBE

B15

HALB



SHOP MONO / TUBE RECESSED



QR-CBC 51
clear/frosted
GX5.3
20/35/50W

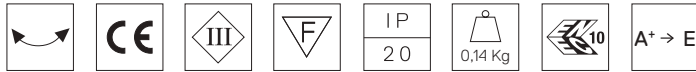
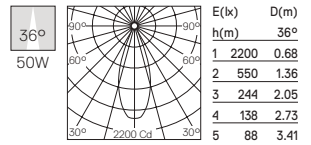
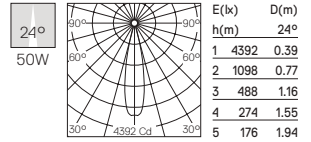
-OR-

LED
QR-CBC 51
GX5.3
4/7/10W

Luminaria para ser instalada a techo/pared. Transformador no incluido.

Luminaire to be installed on ceiling/wall. Transformer not included.

- BU25302W
- BU25302A
- BU25302B
- BU25302P



SHOP MONO / POINT RECESSED



QR-CBC 51
clear/frosted
GX5.3
20/35/50W

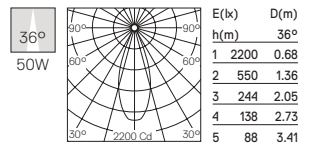
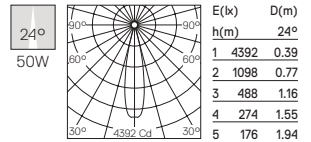
-OR-

LED
QR-CBC 51
GX5.3
7/10W

Luminaria para ser instalada a techo/pared. Transformador no incluido.

Luminaire to be installed on ceiling/wall. Transformer not included.

- BU25303W
- BU25303A
- BU25303B
- BU25303P



SHOP MONO / DISC 70 RECESSED

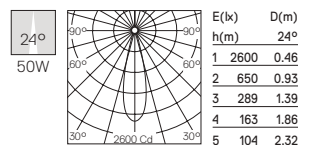
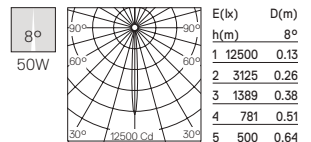


QR-70
BA15d
20/50W

Luminaria para ser instalada a techo/pared. Transformador no incluido.

Luminaire to be installed on ceiling/wall. Transformer not included.

- BU25205W
- BU25205A
- BU25205B
- BU25205P

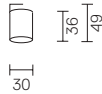


LIGHTLIGHT® MONO

SHOP MONO / MINITUBE RECESSED



QR-CBC 25
clear/frosted
GZ4
20/35W

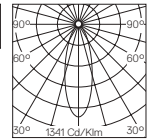


Luminaria para ser instalada a techo/pared.
Transformador no incluido.

BU25305A
BU25305B
BU25305P

Luminaire to be installed on ceiling/wall.
Transformer not included.

34°
50W



E(k/klm)	D(m)
h(m)	34°
1	1341 0.61
2	335 1.22
3	149 1.82
4	84 2.43
5	54 3.04



SHOP MONO / B15 RECESSED



QR-C 38
clear/frosted
B15d
20/35W



-OR-



LED
QR-C 38
B15d
6W
370 lm
2700K
CRI 90

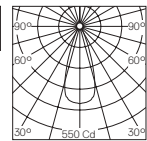


Luminaria para ser instalada a techo/pared.
Transformador no incluido.

BU25200W
BU25200A
BU25200B
BU25200P

Luminaire to be installed on ceiling/wall.
Transformer not included.

38°
35W



E(k)	D(m)
h(m)	38°
1	550 0.68
2	137 1.36
3	61 2.04
4	34 2.72
5	22 3.40



SHOP MONO / HALB RECESSED



QR-C 38
clear/frosted
B15d
20/35W



-OR-



LED
QR-C 38
B15d
6W
370 lm
2700K
CRI 90

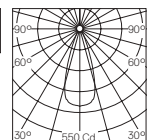


Luminaria para ser instalada a techo/pared.
Transformador no incluido.

BU25201W
BU25201A
BU25201B
BU25201P

Luminaire to be installed on ceiling/wall.
Transformer not included.

38°
35W



E(k)	D(m)
h(m)	38°
1	550 0.68
2	137 1.36
3	61 2.04
4	34 2.72
5	22 3.40



Es posible hacer un retrofit con lámparas LED convencionales.
Retrofit possible with conventional LED lamps.

SHOP MONO

TUBE

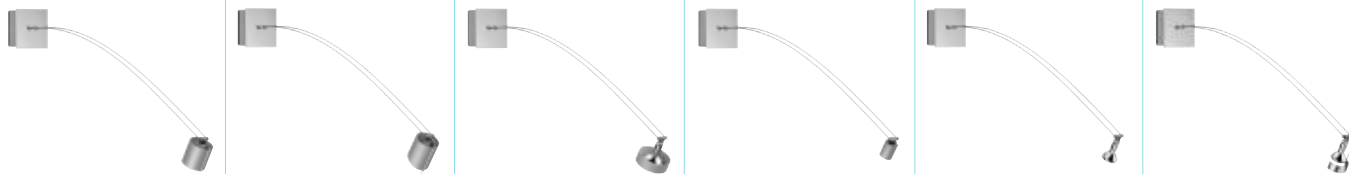
POINT

DISC 70

MINITUBE

B15

HALB



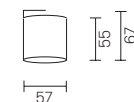
SHOP MONO / TUBE SURFACE



QR-CBC 51
clear/frosted
GX5.3
20/35/50W

-OR-

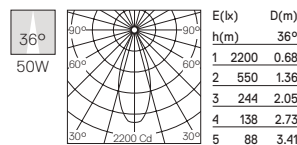
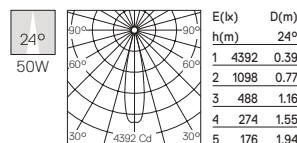
LED
QR-CBC 51
GX5.3
4/7/10W



Luminaria para ser instalada a techo o pared.
Transformador incluido.

Luminaire to be installed on wall or ceiling.
Transformer included.

BU26302W
BU26302A
BU26302B
BU26302P



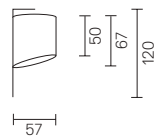
SHOP MONO / POINT SURFACE



QR-CBC 51
clear/frosted
GX5.3
20/35/50W

-OR-

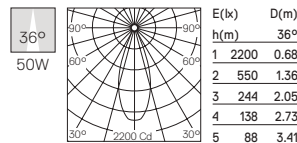
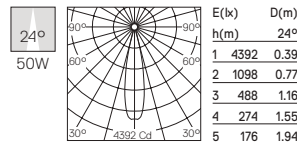
LED
QR-CBC 51
GX5.3
7/10W



Luminaria para ser instalada a techo o pared.
Transformador incluido.

Luminaire to be installed on wall or ceiling.
Transformer included.

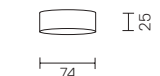
BU26303W
BU26303A
BU26303B
BU26303P



SHOP MONO / DISC 70 SURFACE



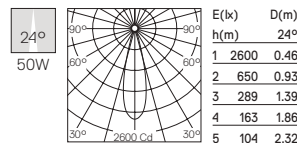
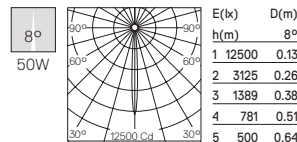
QR-70
BA15d
20/50W



Luminaria para ser instalada a techo o pared.
Transformador incluido.

Luminaire to be installed on wall or ceiling.
Transformer included.

BU26205W
BU26205A
BU26205B
BU26205P

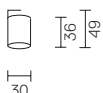


LIGHTLIGHT® MONO

SHOP MONO / MINITUBE SURFACE



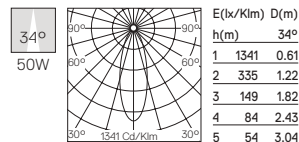
QR-CBC 25
clear/frosted
GZ4
20/35W



Luminaria para ser instalada a techo o pared.
Transformador incluido.

BU26305A
BU26305B
BU26305P

Luminaire to be installed on wall or ceiling.
Transformer included.



SHOP MONO / B15 SURFACE



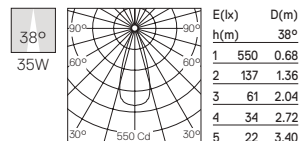
QR-C 38
clear/frosted
B15d
20/35W



Luminaria para ser instalada a techo o pared.
Transformador incluido.

BU26200W
BU26200A
BU26200B
BU26200P

Luminaire to be installed on wall or ceiling.
Transformer included.



-OR-



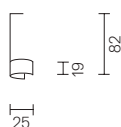
LED
QR-C 38
B15d
6W
370 lm
2700K
CRI 90



SHOP MONO / HALB SURFACE



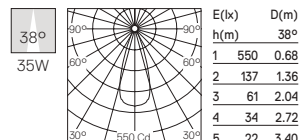
QR-C 38
clear/frosted
B15d
20/35W



Luminaria para ser instalada a techo o pared.
Transformador incluido.

BU26201W
BU26201A
BU26201B
BU26201P

Luminaire to be installed on wall or ceiling.
Transformer included.



-OR-



LED
QR-C 38
B15d
6W
370 lm
2700K
CRI 90



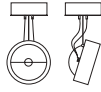
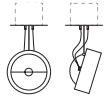
Es posible hacer un retrofit con lámparas LED convencionales.
Retrofit possible with conventional LED lamps.

LIGHTLIGHT® MONO

MAX MONO

Recessed
100x100
ø74
ET=50

Surface
100x100
h=35



Proyector orientable de iluminación general y de acento. Orientable 360° y basculante 180°. Diseñado para el uso en espacios de venta ("retail"), escaparates, museos y exposición, donde se requiere un alto nivel de lúmenes.

Directional spotlight for general and accent lighting. Rotatable 360° and tiltable 180°. Designed for application in retail spaces, shop-windows displays, museums and exhibition spaces, where high lumen packages are requested.

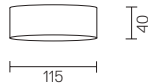
DISC 111 RECESSED



DISC 111 SURFACE



MAX MONO / DISC 111 RECESSED

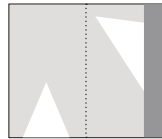


QR-111
G53
35/50/60W

-OR-



LED QR-111

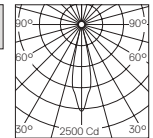


Luminaria de pared o techo. Transformador no incluido.

Luminaire to be installed on wall or ceiling. Transformer not included.

BU25050W
BU25050A
BU25050B
BU25050P

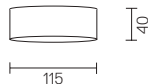
24°
35W



E(k)	D(m)	h(m)	24°
1	2500	0.39	
2	625	0.78	
3	278	1.17	
4	156	1.56	
5	100	1.95	



MAX MONO / DISC 111 SURFACE



QR-111
G53
35/50/60W

-OR-



LED QR-111

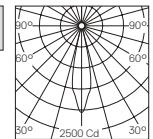


Luminaria de pared o techo. Transformador incluido.

Luminaire to be installed on wall or ceiling. Transformer included.

BU26050W
BU26050A
BU26050B
BU26050P

24°
35W



E(k)	D(m)	h(m)	24°
1	2500	0.39	
2	625	0.78	
3	278	1.17	
4	156	1.56	
5	100	1.95	



Es posible hacer un retrofit con lámparas LED convencionales.
Retrofit possible with conventional LED lamps.

LIGHTLIGHT® MONO

Accesorios
Accessories

Rejilla de apantallamiento de aluminio en acabado negro o plata para lámparas halógenas o de LED.



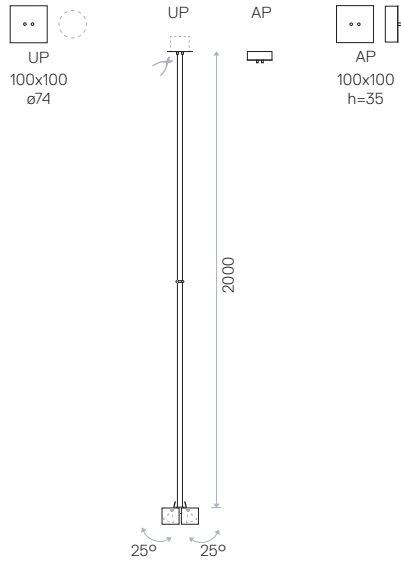
Halogen
■ BU60021
▒ BU60022

"Honeycomb" anti-glare screen in black painted or silver aluminium sheets for halogen or LED light sources.



LED
■ BU60023
▒ BU60024

LIGHTLIGHT® MONO



PINPIN MONO RECESSED / SURFACE

Luminaria para iluminación de mesas y mostradores para ser instalada a pared con sistema de montaje empotrado o de superficie que no produce deslumbramiento. Dispone de dos fuentes de luz ajustables (0° - 25°) contenidas en un cilindro doble. La versión empotrada se suministra con caja de instalación a pared y cubierta. El transformador debe de pedirse por separado. La versión montada en superficie se suministra con transformador electrónico dimable. Lámpara recomendada de 20 ó 35W, 60° de IRC.

Glare-free table and counter luminaire for recessed or surface mounting. Two adjustable (0°-25°) light sources contained in a double cylinder for extended beam spread. Recessed luminaire supplied with wall box and cover plate. Transformer to be ordered separately. Surface-mounted version with dimmable electronic transformer. Recommended lamp 35W, 60° IRC.

PINPIN RECESSED



PINPIN SURFACE



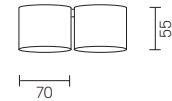
PINPIN MONO RECESSED



QR-CBC 51
clear/frosted
GX5.3
20/35W

-OR-

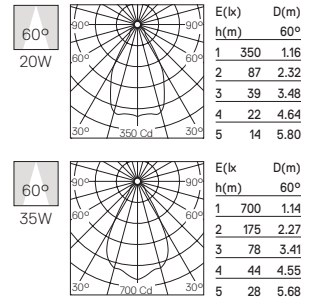
LED
QR-CBC 51
GX5.3
4W



Luminaria para ser instalada a techo. Transformador no incluido.

Luminaire to be installed on ceiling. Transformer not included.

- BU25000W
- BU25000A
- BU25000B
- BU25000P



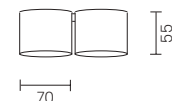
PINPIN MONO SURFACE



QR-CBC 51
clear/frosted
GX5.3
20W

-OR-

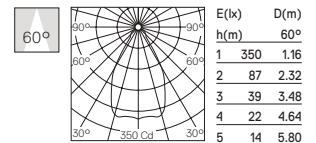
LED
QR-CBC 51
GX5.3
4W



Luminaria para ser instalada a techo. Transformador incluido.

Luminaire to be installed on ceiling. Transformer included.

- BU26000W
- BU26000A
- BU26000B
- BU26000P

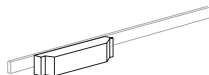


Box Wall/Pend/Ceiling

Transformador electrónico para el montaje visible. Con cortocircuito integrado, protección para la sobrecarga y el sobrecalentamiento y arranque suave. Caja embellecedora de alimentación de aluminio para su colocación en los carriles LightLight® WALL / LightLight® PEND / LightLight® CEILING o LightLight® IN sin herramientas. La longitud máxima de carril alimentado por un transformador depende de las regulaciones nacionales. Regulable con dimmer universal.

Electronic design transformer for visible mounting. With integral short circuit, overheating and overload protection, and soft start. Aluminium housing with concealed adapter feeding for positioning on LightLight® WALL / LightLight® PEND / LightLight® CEILING or LightLight® IN track as required without tools. Track length depending on national regulations. Dimmable with universal dimmer.

Box Wall



245x45x55 mm
0,3 kg/0,4 kg

230V/0-30W

- BU90605W
- BU90605A
- BU90605B
- BU90605P

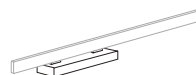
230V/0-105W

- BU90610W
- BU90610A
- BU90610B
- BU90610P

230V/50-225W

- BU90624W
- BU90624A
- BU90624B
- BU90624P

Box Pend/Ceiling/In



244x48x40 mm
0,3 kg

230V/0-30W

- BU90640W
- BU90640A
- BU90640B
- BU90640P

230V/0-105W

- BU90620W
- BU90620A
- BU90620B
- BU90620P

230V/50-225W

- BU90635W
- BU90635A
- BU90635B
- BU90635P

WAN SPOT

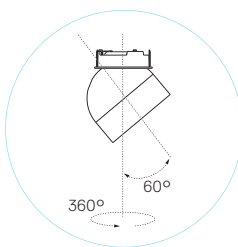
DESIGNED BY JOHANNA GRAWUNDER

Versión Version			
Fuentes de Luz Light Sources	 LED ARRAY 10,5W 930 lm 3000K CRI 80	 QT-14 G9 MAX 40W	 QT-12 GY6.35 MAX 50W

Colores Colours	 30 Blanco 30 White	 05 Aluminio Pulido 05 Polished Aluminium	 14 Negro 14 Black	 GN Verde GN Green
				

Rotación
Rotation Features

Puede ser rotado 360° y orientado 60°.
Can be rotated 360° and swivelled 60°.



Descripción
Luminaria de luz directa para ser instalada a techo o pared. Cuerpo de aluminio disponible en pulido, blanco brillante, verde esmaltado y negro brillante. Incorpora como antideslumbramiento. El producto lleva incorporados dos aros interiores intercambiables, que sujetan el cristal templado y el reflector, en negro brillante o verde esmaltado. Disponible en los acabados: blanco (30), aluminio pulido (05), negro (14) y verde (GN).

Reflectores
Reflector de aluminio tratado con chorro de arena y blanqueado químicamente.

Fuentes de Luz
LED:
LED Array, 10,5W.
Halógenas:
- QT-14, max 40W.
- QT-12, max 50W.
De descarga:
- CDM-TM, max 35W.

Unidades de Alimentación
Luminaria precableada para ser alimentada mediante equipo remoto.
Halógenas: Transformador electrónico 20/105W, 220/240V, 50/60Hz, dimable con dispositivo "leading and trailing edge".
De descarga: Balasto electrónico de la potencia indicada.

Información Adicional
Rotación en el eje vertical de hasta 360° y orientación hasta 60°.
Índice de protección IP20.
Clase de aislamiento II, III, según las versiones.
Instalable sobre superficies normalmente inflamables.

Cumplimiento de Normativa y Marcas de Calidad
Equipo conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description
Wall or ceiling lamp providing direct light. Aluminum body, available in chrome, shiny white, enameled green, and shiny black finishes. Low glare shield. Provided by two different ring due to fix the safety tempered glass, in shiny black and enameled green. Available finishes: white (30), polished aluminium (05), black (14) and green (GN).

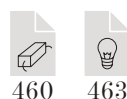
Reflectors
Sanded and chemically bleached aluminum reflector.

Light Sources
LED:
LED Array, 10,5W.
Halogen:
- QT-14, max 40W.
- QT-12, max 50W.
Discharge:
- CDM-TM, max 35W.

Power Supply
Pre-wiring included; ready for remote power supply.
Halogen: 20/105W, 220/240V, 50/60Hz electronic transformer suitable for dimming when used with trailing edge dimmers.
Discharge: Electronic ballast.

Additional Information
0° - 360° vertical rotation and 0° - 60° adjustment.
IP20 protection grade.
Insulation class II, III depending on the versions.
Suitable for installation on normally inflammable surfaces.

Standard Compliance and Quality Marks
EN60598-1 European Technical Standards and any subsequent additions.

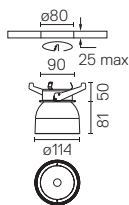


460 463

WAN SPOT



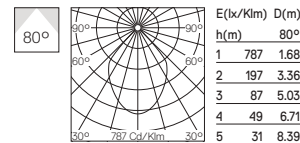
LED ARRAY
DC 500 mA
10,5W
930 lm
3000K
CRI 80



Proyector para ser instalado empotrado en pared o techo. Fuente de alimentación no incluida

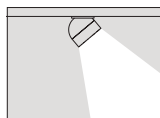
Spotlight to be installed recessed on ceiling/wall. Power supply not included.

- 03.6174.30
- 03.6174.05
- 03.6174.14
- 03.6174.GN



Equipos recomendados:
Recommended power supply:

- Non Dimmable 60.8650
- Dimmable 1-10V 60.8533
- Dimmable Dali 60.8530
- Mains Dimming 60.8534

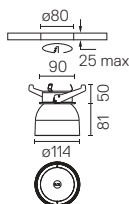


360° 60° CE III F IP 20 0,5 Kg 03 GWT 850°

LED INCL.
NOT REPLACEABLE



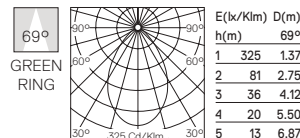
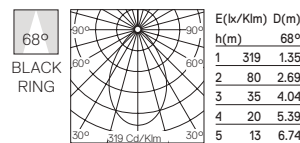
QT-14
G9
MAX 40W



Proyector para ser instalado empotrado en pared o techo, con alimentación directa a red.

Spotlight to be installed recessed on ceiling/wall with main voltage source.

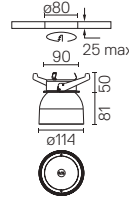
- 03.6170.30
- 03.6170.05
- 03.6170.14
- 03.6170.GN



360° 60° CE III F IP 20 0,5 Kg 03 PENDING GWT 850° D → E



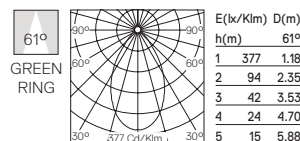
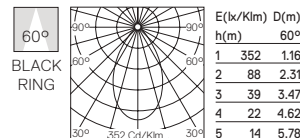
QT-12
GY6.35
MAX 50W



Proyector para ser instalado empotrado en pared o techo. Transformador remoto no incluido.

Spotlight to be installed recessed on ceiling/wall. Remote transformer not included.

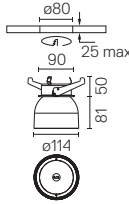
- 03.6171.30
- 03.6171.05
- 03.6171.14
- 03.6171.GN



360° 60° CE III F IP 20 0,5 Kg 03 PENDING GWT 850° B → E



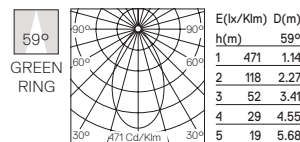
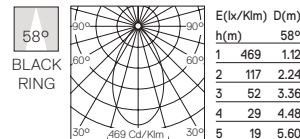
CDM-TM
PGJ5
MAX 35W



Proyector para ser instalado empotrado en pared o techo. Balasto no incluido.

Spotlight to be installed recessed on ceiling/wall. Remote control gear not included.

- 03.6172.30
- 03.6172.05
- 03.6172.14
- 03.6172.GN



PENDING GWT 850° A+ → A

360° 60° CE III F IP 20 0,5 Kg

OUTDOOR

G-O, TheBlockOfLight, Giano,
Box, Stealth, Neutron, Faretto.

G - O

DESIGNED BY JORGE HERRERA

Versión
Version



Fuentes de Luz
Light Sources



TOP LED
0,96W
78 lm
3000K
CRI 85

Colores
Colours

30 Blanco
30 White

29 Aluminio
Anodizado
29 Anodized
Aluminium

55 Acero
Inoxidable
55 Stainless
Steel

BZ Bronce
BZ Bronze

AN Negro
Anodizado
AN Anodized
Black



Colores de la Luz
Light Colours

Luz Blanca
White Light

Luz Ámbar
Amber Light

Luz Azul
Blue Light



Descripción

Luminaria empotrada concebida para uso interior en todos sus acabados, excepto el acero inoxidable que es apto también para uso exterior.

Disponible con fuente de luz LED de última generación apta para responder a las diversas necesidades de señalizadores a lo largo de caminos de paso o escaleras. Disponible en diferentes colores de luz mediante un difusor interno coloreado. El cuerpo de la luminaria está realizado en aluminio, acero inoxidable o bronce mecanizado.

Disponible en los acabados: blanco (30), aluminio anodizado (29), acero inoxidable (55), bronce (BZ) y negro anodizado (AN).

Fuentes de Luz

LED:
-Top LED, 0,96W.

Unidades de Alimentación

Fuente de alimentación de tensión constante no incluida, disponible como accesorio.

Es posible instalar hasta 7 G-O con la misma fuente de alimentación.

Accesorios

Dispone de accesorio para empotrar en paredes de hormigón realizado en aluminio extruido.

Información Adicional

Índice de protección IP65.
Clase de aislamiento III.
Instalable sobre superficie normalmente inflamables.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Embedded light fixture for indoor use in all its finishes, except stainless steel which is suitable for outdoor use. Available with next-generation LED light source, suitable for responding to diverse signalling needs on pathways or stairways. Available in different light shades, through coloured internal diffuser. Light body made of aluminium, stainless steel or machined bronze.

Available finishes: white (30), anodized aluminium (29), stainless steel (55), bronze (BZ) and anodized black (AN).

Light Sources

LED:
-Top LED, 0,96W.

Power Supply

Constant voltage power supply not included, available as an accessory.
Up to 7 G-O can be installed with the same power supply.

Accessories

With extruded aluminium accessories for embedding in concrete walls.

Additional Information

IP65 protection grade.
Insulation class III.
Suitable for installation on normally inflammable surfaces.

Standard Compliance and Quality Marks

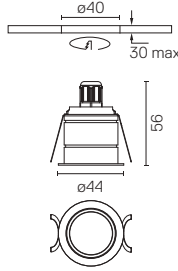
EN60598-1 European Technical Standards and any subsequent additions.



G - O



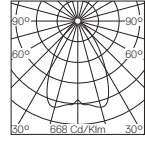
TOP LED
 0,96W
 24V
 78 lm
 3000K
 CRI 85



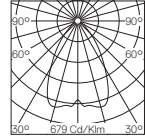
Luminaria de señalización semiempotrada para aplicación interior a techo/pared. Fuente de alimentación no incluida. Incluye cable de alimentación de 1000mm.

Semi-embedded signalling lamp for indoor use on ceiling/wall. Power supply not included. 1000mm power cable included.

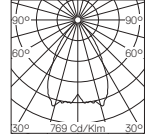
Luz Blanca
White Light
 09.3200.30
 09.3200.29
 09.3200.55
 09.3200.BZ
 09.3200.AN



Luz Ámbar
Amber Light
 09.3201.30
 09.3201.29
 09.3201.55
 09.3201.BZ
 09.3201.AN



Luz Azul
Blue Light
 09.3202.30
 09.3202.29
 09.3202.55
 09.3202.BZ
 09.3202.AN

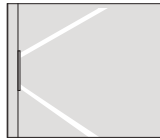


Equipo para instalación remota en lugar accesible: no cabe a través del agujero de empotramiento de la luminaria.

Equipment for remote installation in an accessible place: it does not fit through the luminarie installation hole.

Equipos recomendados:
 Recommended power supply:

60.8079



CE III F IP 65 0,12 Kg 0,18 Kg 0,20 Kg 03 GWT 850°

LED INCL.
 NOT REPLACEABLE

Accesorios
Accessories

Cuerpo de empotramiento realizado en aluminio anodizado para instalación en exterior.



08.8422.00

Housing for recessed installation made in anodized aluminium for outdoor installation.

THE BLOCK OF LIGHT

DESIGNED BY KNUD HOLSCHER

Versión
Version



Fuentes de Luz
Light Sources



POWER LED
2,2W
154 lm
3000K
CRI 80

Colores
Colours

01 Blanco Mate
01 Matt White

72 Gris
72 Grey

04 Negro Mate
04 Matt Black



Descripción

Luminaria empotrada concebida para uso interior o exterior (grado de protección IP65). Disponible con fuente de luz LED de última generación apta para responder a las diversas necesidades de señalizadores a lo largo de caminos de paso o escaleras.

Frontal realizado en aluminio con acabado en pintura blanco mate (01), gris (72) o negro mate (04).

Fuentes de Luz

LED:

- Power LED, 2,2W.

Unidades de Alimentación

Fuente de alimentación de corriente constante 100/240V, 50/60Hz no regulable integrada. Alimentación a 700 mA.

Accesorios

Dispone de accesorio para empotrar en paredes de hormigón realizado en acero galvanizado.

Información Adicional

Índice de protección IP65.

Clase de aislamiento I.

Instalable sobre superficies normalmente inflamables.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Embedded light fixture designed for indoor or outdoor use (IP65 protection grade). Available with next-generation LED light source in response to diverse signalling needs on pathways or stairways.

Front made of aluminium with finish in matt white (01), grey (72) or matt black (04).

Light Sources

LED:

- Power LED, 2,2W.

Power Supply

Built-in, non-regulable constant current power supply of 100/240V, 50/60Hz. 700 mA current.

Accessories

Has galvanised steel accessories for embedding in concrete walls.

Additional Information

IP65 protection grade.

Insulation class I.

Suitable for installation on normally inflammable surfaces.

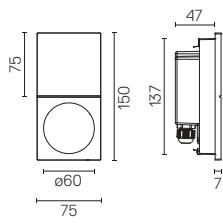
Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

THE BLOCK OF LIGHT

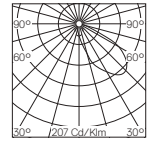


POWER LED
2,2W
154 lm
3000K
CRI 80



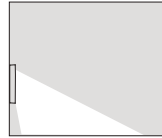
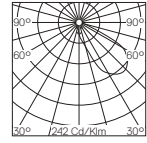
Luminaria de señalización semiempotrada para aplicación interior o exterior. Fuente de alimentación no regulable 100-240V, 50-60Hz integrada. Incluye cable de alimentación de 500mm.

□ 09.3310.01B



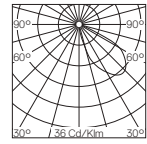
Semi-embedded signalling lamp for indoor or outdoor use. Non-regulable 100-240V, 50-60Hz power supply and 500mm power cable included.

■ 09.3310.72B



180.0 ——— 0.0
270.0 - - - - - 90.0

■ 09.3310.04B



LED INCL.
NOT REPLACEABLE

Accesorios
Accessories











Can para empotrar en hormigón.
Can for embedding in concrete.



08.8423.00

GIANO

DESIGNED BY RODOLFO DORDONI

Versión Version	G I A N O Ø 100 	G I A N O Ø 220 	
Fuentes de Luz Light Sources	 POWER LED 1W 77 lm 3000K CRI 80	 POWER LED 6W 650 lm 3000K CRI 80	
Colores Colours	 01 Blanco Mate RAL 9010 01 Matt White 	 72 Gris RAL 9006 72 Grey 	 04 Negro Mate RAL 9011 04 Matt Black 

Descripción

Familia de luminarias de señalización para exterior e interior disponible en dos diámetros 100mm y 220mm. Cuerpo principal inyectado en aleación de aluminio a presión. Acabado realizado en pintura antioxidante de alta resistencia a la corrosión. Dispone de un difusor de policarbonato opal para obtener una luz uniforme. Disponible en los acabados: blanco mate (01), gris (72), negro mate (04) y marrón oscuro (MM).

Fuentes de Luz

LED:
- Power LED, 1/6W.

Unidades de Alimentación

Transformador electrónico de corriente constante no regulable 100/240V - 50/60Hz.

Accesorios

Cuerpo de empotramiento realizado en plástico para instalaciones en paredes de hormigón.

Información Adicional

Índice de protección IP65.
Clase de aislamiento I.
Instalable sobre superficies normalmente inflamables.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Family of luminaires for both interior and exterior signaling available in two sizes 100mm and 220mm. Main body injected in alloy aluminium under pressure. Anti-rust paint finish made in high resistance to corrosion. It has an opal polycarbonate diffuser to obtain a uniform light. Available finishes: matt white (01), grey (72), matt black (04) and dark brown (MM).

Light Sources

LED:
- Power LED, 1/6W.

Power Supply

Constant current non-adjustable electronic transformer 100/240V - 50/60Hz.

Accessories

Thermoplastic housing for concrete wall installation.

Additional Information

IP65 protection grade.
Insulation class I.
Suitable for installation on normally inflammable surfaces.

Standard Compliance and Quality Marks

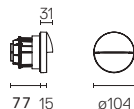
EN60598-1 European Technical Standards and any subsequent additions.

GIANO

GIANO Ø100

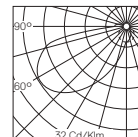


POWER LED
1W
77 lm
3000K
CRI 80

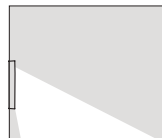


Luminaria de señalización empotrada para aplicación interna y externa. Fuente de alimentación no regulable 100-240V, 50-60Hz integrada.

- 09.3000.01B
- 09.3000.72B
- 09.3000.04B
- 09.3000.MMB



180.0 ——— 0.0
270.0 90.0



Recessed guide light for indoor and outdoor applications. Non-regulable 100-240V, 50-60Hz power supply included.

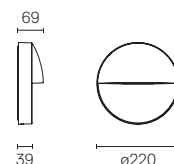


LED INCL.
NOT REPLACEABLE

GIANO Ø220

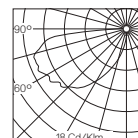


POWER LED
6W
650 lm
3000K
CRI 80

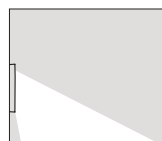


Luminaria de señalización de superficie para aplicación interna y externa. Fuente de alimentación no regulable 100-240V, 50-60Hz integrada.

- 09.3001.01B
- 09.3001.72B
- 09.3001.04B
- 09.3001.MMB



180.0 ——— 0.0
270.0 90.0



Surface guide light for indoor and outdoor applications. Non-regulable 100-240V, 50-60Hz power supply included.



LED INCL.
NOT REPLACEABLE

Accesorios Accessories

Accesorio de instalación en hormigón Ø100.


Accessory for concrete installation for Ø100.



08.8261.00

BOX / MINI BOX

DESIGNED BY PIERO LISSONI

Versión Version	BOX	MINI BOX
Fuentes de Luz Light Sources	 POWER LED 5W 500 lm 3000K CRI 80  TC-DEL G24q 18/26W	 POWER LED 2W 110 lm 3000K CRI 80  QT-14 G9 MAX 25W  QT-9 G4 20W

Colores Colours	<input type="checkbox"/> 01 Blanco Mate RAL 9010 01 Matt White	<input type="checkbox"/> 72 Gris RAL 9006 72 Grey	<input type="checkbox"/> 04 Negro Mate RAL 9011 04 Matt Black	<input type="checkbox"/> MM Marrón Oscuro MM Dark Brown
				



BOX / MINI BOX

Descripción

Familia de luminarias de señalización para exteriores e interiores disponible en dos tamaños: 100x100mm y 236x256mm. Cuerpo principal inyectado en aleación de aluminio a presión. Pintura antioxidante de alta resistencia a la corrosión. Cuerpo trasero inyectado en policarbonato de alta resistencia.

Difusor de policarbonato para la protección de la fuente de luz. Juntas de silicona.

Tornillos de acero inoxidable. Prensacables tipo PG7 ó PG11. Disponible en los acabados: blanco mate (01), gris (72), negro mate (04) y marrón oscuro (MM).

Reflectores

Reflectores asimétricos de aluminio anodizado color plateado con acabado brillante.

Fuentes de Luz

LED:

- Power LED, 2/5W.

Halógenas:

- QT-9, 20W.

- QT-14, max 25W.

Fluorescencia compacta:

- TC-DEL, 18/26W.

Unidades de Alimentación

- Las versiones LED disponen de transformador electrónico de última generación incorporado.

- Unidad de alimentación convencional de muy bajas pérdidas incluida en las versiones de fluorescencia y QT-9.

Accesorios

Accesorio de instalación empotrado o enrasado a pared para el Box y el Mini Box.

Accesorio realizado en hierro pintado con pintura polvo con frontal reversible de plástico. En función de la posición del frontal del accesorio el Box/Mini Box quedará instalado enrasado en la pared o en superficie.

Información Adicional

Índice de protección IP65.

Clase de aislamiento I, II, según las versiones.

Instalable sobre superficies normalmente inflamables.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Range of indoor and outdoor guidelights in two sizes: 100x100mm and 236x256mm. Die-cast aluminum front ring. High corrosion-resistance anti-oxidizing paint. High-resistance injection-moulded engineering plastic.

Polycarbonate diffuser for lamp protection. Silicone seals. Stainless steel screws. PG7 or PG11 cable glands.

Available finishes: matt white (01), grey (72), matt black (04) and dark brown (MM).

Reflectors

Anodized aluminum asymmetrical reflectors painted silver with glossy finish.

Light Sources

LED:

- Power LED, 2/5W.

Halogen:

- QT-9, 20W.

- QT-14, max 25W.

Compact fluorescent:

- TC-DEL, 18/26W.

Power Supply

- The LED versions incorporate an electronic transformer of last generation.

- Conventional feeding low loss unit included in fluorescence versions of and QT-9.

Accessories

Installation accessory embedded or leveled to wall for the Box and the Mini Box.

Accessory made of iron powder-coated painted with plastic reversible front. The Box/Mini Box will be leveled to wall or on surface depending on the position of the front accessory.

Additional Information

IP65 protection grade.

Insulation class I, II depending on the versions.

Suitable for installation on normally inflammable surfaces.

Standard Compliance and Quality Marks

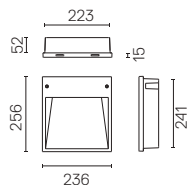
EN60598-1 European Technical Standards and any subsequent additions.

BOX / MINI BOX

BOX

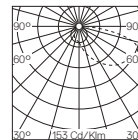


POWER LED
5W
500 lm
3000K
CRI 80



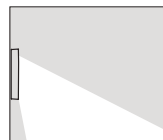
Luminaria de señalización semiempotrada para aplicación interna y externa. Fuente de alimentación 220-240V, 50-60Hz no regulable integrada.

- 07.9007.01B
- 07.9007.72B
- 07.9007.04B
- 07.9007.MMB



180.0 ——— 0.0
270.0 - - - - - 90.0

Semi-embedded signalling lamp for indoor and outdoor applications. 220-240V, 50-60Hz non-regulable power supply included.



IP
65

 1,65 Kg

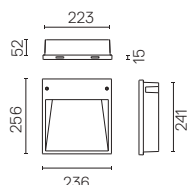
GWT
850°

 LED INCL.
NOT REPLACEABLE

BOX

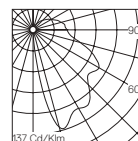


TC-DEL
G24q
18/26W



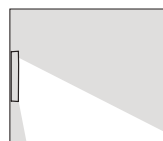
Luminaria de señalización empotrada para aplicación interna y externa. Balasto electrónico integrado.

- 18W
- 07.9000.01.E3
 - 07.9000.72.E3
 - 07.9000.04.E3
 - 07.9000.MM.E3



Recessed guide light for indoor and outdoor applications. Electronic control gear integrated.

- 26W
- 07.9001.01.E3
 - 07.9001.72.E3
 - 07.9001.04.E3
 - 07.9001.MM.E3



IP
65

 1,50 Kg
 1,95 Kg

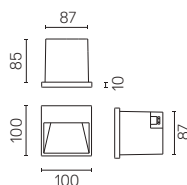
GWT
850°

A

MINI BOX

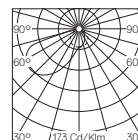


POWER LED
2W
110 lm
3000K
CRI 80



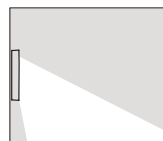
Luminaria de señalización semiempotrada para aplicación interna y externa. Fuente de alimentación 220-240V, 50-60Hz no regulable integrada.

- 07.9006.01B
- 07.9006.72B
- 07.9006.04B
- 07.9006.MMB



180.0 ——— 0.0
270.0 - - - - - 90.0

Semi-embedded signalling lamp for indoor and outdoor applications. 220-240V, 50-60Hz non-regulable power supply included.



IP
65

 0,36 Kg

GWT
850°

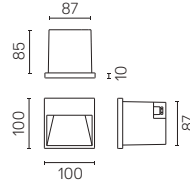
 LED INCL.
NOT REPLACEABLE

BOX / MINI BOX

MINI BOX

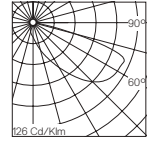


QT-14
G9
MAX 25W

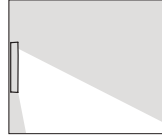


Luminaria de señalización empotrable para aplicación interna y externa. Alimentación directa a red.

- 07.9005.01
- 07.9005.72
- 07.9005.04
- 07.9005.MM



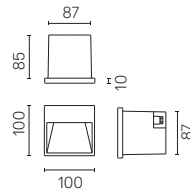
Recessed guide light for indoor and outdoor applications. Main voltage light source.



MINI BOX

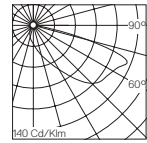


QT-9
G4
20W

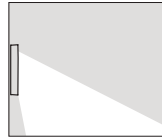


Luminaria de señalización empotrable para aplicación interna y externa. Transformador convencional integrado.

- 07.9004.01
- 07.9004.72
- 07.9004.04
- 07.9004.MM



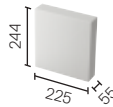
Recessed guide light for indoor and outdoor applications. Conventional transformer integrated.



Accesorios
Accessories

Contramolde para su instalación sobre cemento realizado en poliuretano de alta densidad.

High density polystyrene matched die for installation on cement.



80.1318

Contramolde para su instalación sobre cemento realizado en poliuretano de alta densidad.

High density polystyrene matched die for installation on cement.



80.1332

Caja de derivación estanca IP67 para facilitar la instalación eléctrica y garantizar el grado de protección.

IP67 junction box: to be used for the power connection.



08.8012.00

Accesorio de instalación para enrasar en la pared para el Box.

Accessory for flush wall installation for Box.



08.8256.00

Accesorio de instalación para enrasar en la pared para el Mini Box.



Accessory for flush wall installation for Mini Box.















08.8246.00

STEALTH / STEALTH LINEAR

DESIGNED BY PIERO LISSONI

Versión Version	STEALTH	STEALTH LINEAR	
Fuentes de Luz Light Sources	 TC-F 2G10 24/36W	 TC-L 2G11 18W	

Colores Colours				
Stealth	 01 Blanco Mate RAL 9010 01 Matt White	 72 Gris RAL 9006 72 Grey	 04 Negro Mate RAL 9011 04 Matt Black	 MM Marrón Oscuro MM Dark Brown
				
Stealth Linear				



STEALTH / STEALTH LINEAR

Descripción

Luminaria de señalización para lámparas fluorescentes compactas. Cuerpo trasero inyectado en policarbonato de alta resistencia. Cuerpo principal inyectado en aleación de aluminio a presión con elevada resistencia a la corrosión. Difusor de policarbonato con o sin rejilla anti-vandalismo. Pintura en polvo de poliéster. Juntas de silicona. Tornillos de acero inoxidable.

Prensacables tipo PG11 (Stealth).

Prensacables tipo PG9. Soporte lámpara y reflector de policarbonato (Stealth Linear).

Disponible en los acabados: blanco mate (01), gris (72), negro mate (04) y marrón oscuro (MM).

Reflectores

Reflectores de material termoplástico blanco con acabado brillo.

Fuentes de Luz

Fluorescencia compacta:

- TC-F, 24/36W (Stealth).
- TC-L, 18W (Stealth Linear).

Unidades de Alimentación

Unidad de alimentación convencional de muy bajas pérdidas, incluida.

Accesorios (Stealth Linear)

- contramolde para la instalación en cemento realizado de poliuretano de alta densidad;
- caja de derivación estanca IP67 para la conexión eléctrica.

Información Adicional

Índice de protección IP65.

Clase de aislamiento II.

Instalable sobre superficies normalmente inflamables.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Range of step lights designed for compact fluorescent lamps. Highly resistant injection-molded polycarbonate body. Highly corrosion-resistant, die-cast aluminum front frame. Polycarbonate diffuser with or without die-cast aluminum anti-vandalism screen. Powder-coated. Silicone seals. Stainless steel screws.

PG11 cable gland (Stealth).

PG9 cable gland. Polycarbonate lamp support and reflector (Stealth Linear).

Available finishes: matt white (01), grey (72), matt black (04) and dark brown (MM).

Reflectors

White thermoplastic reflectors with glossy finish.

Light Sources

Compact fluorescent:

- TC-F, 24/36W (Stealth).
- TC-L, 18W (Stealth Linear).

Power Supply

Traditional low-loss power supply included.

Accessories (Stealth Linear)

- high-density polyurethane matched die-moulding for mounting on concrete.
- IP67 junction box.

Additional Information

IP65 protection grade.

Insulation class II.

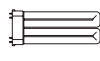
Suitable for installation on normally inflammable surfaces.

Standard Compliance and Quality Marks

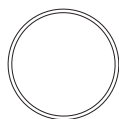
EN60598-1 European Technical Standards and any subsequent additions.

STEALTH / STEALTH LINEAR

STEALTH



TC-F
2G10
24/36W

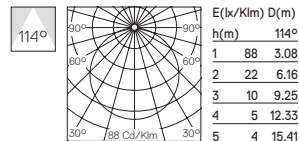
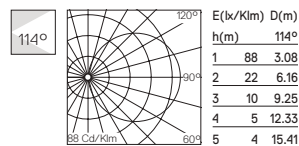


Luminaria de superficie para techo/pared. Difusor realizado en policarbonato. Fuente de alimentación 220-240V, 50-60Hz integrada.

24W

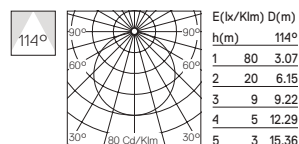
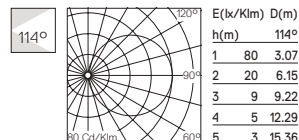
- 07.9015.01.E3
- 07.9015.72.E3
- 07.9015.04.E3
- 07.9015.MM.E3

Surface luminaire for wall/ceiling. Polycarbonate diffuser. 220-240V, 50-60Hz power supply integrated.



36W

- 07.9017.01.E3
- 07.9017.72.E3
- 07.9017.04.E3
- 07.9017.MM.E3



STEALTH SCREEN



TC-F
2G10
24/36W

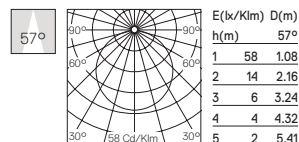
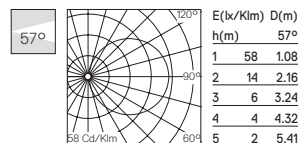


Luminaria de superficie para techo/pared. Difusor realizado en policarbonato y rejilla de protección. Fuente de alimentación 220-240V, 50-60Hz integrada.

24W

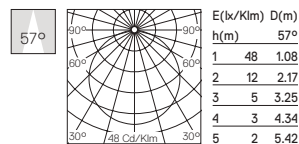
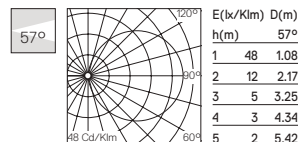
- 07.9016.01.E3
- 07.9016.72.E3
- 07.9016.04.E3
- 07.9016.MM.E3

Surface luminaire for wall/ceiling. Polycarbonate diffuser. Vandal resistant. 220-240V, 50-60Hz power supply integrated.



36W

- 07.9018.01.E3
- 07.9018.72.E3
- 07.9018.04.E3
- 07.9018.MM.E3

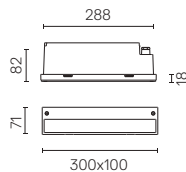


STEALTH / STEALTH LINEAR

STEALTH LINEAR

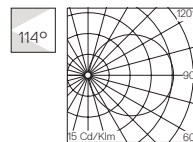


TC-L
2G11
18W

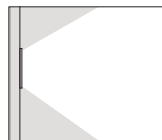


Luminaria de señalización empotrable. Difusor realizado en policarbonato. Fuente de alimentación 220-240V, 50-60Hz integrada.

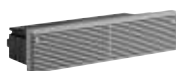
07.9008.01
07.9008.72
07.9008.04
07.9008.MM



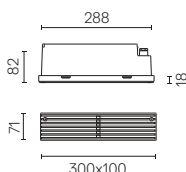
Recessed steplight. Polycarbonate diffuser. 220-240V, 50-60Hz power supply integrated.



STEALTH LINEAR SCREEN

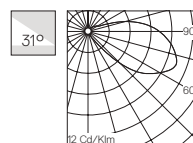


TC-L
2G11
18W

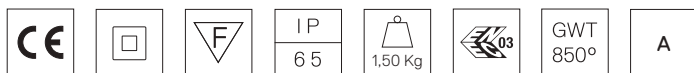
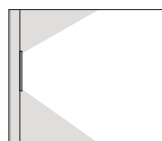


Luminaria de señalización empotrable. Difusor realizado en policarbonato y rejilla de protección. Fuente de alimentación 220-240V, 50-60Hz integrada.

07.9009.01
07.9009.72
07.9009.04
07.9009.MM



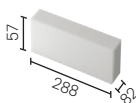
Recessed steplight. Transparent polycarbonate diffuser. Vandal resistant. 220-240V, 50-60Hz power supply integrated.



Accesorios Accessories

Contramolde para su instalación sobre cemento realizado en poliuretano de alta densidad.

High density polystyrene matched die for installation on cement.



80.1319

Caja de derivación estanca IP67 para facilitar la instalación eléctrica y garantizar el grado de protección.







IP67 junction box: to be used for the power connection.



08.8012.00

NEUTRON

DESIGNED BY PIERO LISSONI

Versión Version	NEUTRON I NO TRIM	NEUTRON I		
				
Fuentes de Luz Light Sources	 POWER LED 4,2W 425 1m 3000K CRI 80	 PHOSPHOR LED 8,3W 720 1m 3000K CRI 80	 POWER LED 1,5W 170 1m 3000K/CRI 80 6W 480 1m 3000K/CRI 80	 QR-CBC 35 GU4 MAX 20W

Colores Colours

Neutron I No Trim

■ 14 Negro
14 Black



Neutron I

■ 04 Negro Mate/RAL 9011
04 Matt Black



■ 72 Gris/RAL 9006
72 Grey



■ 55 Acero Inoxidable
55 Stainless Steel



■ PB Acero Inoxidable Cobre Oscuro
PB Stainless Steel Dark Copper



■ PG Acero Inoxidable Oro
PG Stainless Steel Gold



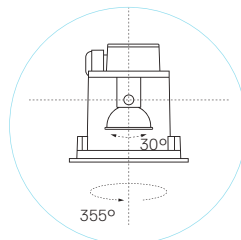
■ PN Acero Inoxidable Negro
PN Stainless Steel Black



Rotación

Rotation Features

Las versiones basculantes pueden ser orientadas 30° y rotadas 355°.
Adjustable versions can be swivelled 30° and rotated 355°.



NEUTRON

Descripción

Luminaria orientable de empotrar para techo o suelo, con LED o lámparas halógenas de muy baja tensión tipo QR-CBC 35. Cuerpo para empotrar inyectado a presión en aluminio con alta resistencia a la corrosión y a la degradación.

Cristal de protección templado de 6mm de espesor. Juntas de silicona. Aro de cierre con tornillos de fijación de acero inoxidable. Prensacables tipo PG9 con cable de alimentación incluido de 1 m de longitud.

Disponible en los acabados: negro mate (04), gris (72), acero inoxidable (55), acero inoxidable cobre oscuro (PB), acero inoxidable oro (PG) y acero inoxidable negro (PN).

Reflectores

La luminaria, en versión halógena, ha sido diseñada únicamente para lámparas con reflector propio.

Fuentes De Luz

LED:

- Phosphor LED, 8,3W.
- Power LED, 1,5/6W.

Halógenas:

- De muy baja tensión QR-CBC 35, max 20W.

Unidades de Alimentación

LED:

- alimentador electrónico de última generación integrado o remoto. Incluido según versiones.

Halógenas:

- precableado incluido, listo para ser alimentado mediante dispositivos a distancia.

Accesorios

Caja de derivación estancia IP67.

Encofrado de material termoplástico para empotrar en el suelo.

Información Adicional

En las versiones para halógenas, posibilidad de orientación a 30° y de rotación a 355°.

Clase de aislamiento I, II, III, según las versiones.

Grado de protección P65, IP67, según las versiones.

Instalable sobre superficies normalmente inflamables.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Adjustable recessed luminaire for ceilings or in ground applications, for LEDs or 12 volt halogen QR-CBC 35 lamps. Die-cast aluminum recessed housing, high corrosion-resistance.

6mm tempered protection glass. Silicone seals. Stainless steel closing ring with fixing screws. PG9 cable gland with pre-wired 1 metre power loom.

Available finishes: matt black (04), grey (72), stainless steel (55), stainless steel dark copper (PB), stainless steel gold (PG) and stainless steel black (PN).

Reflectors

The halogen versions, are designed for reflector lamps only.

Light Sources

LED:

- Phosphor LED, 8,3W.
- Power LED, 1,5/6W.

Halogen:

- 12 volt halogen QR-CBC 35, max 20W.

Power Supply

LED:

- integrated next-generation electronic transformer or remote. Included depending on the version.

Halogen:

- pre-wiring included; ready for remote power supply.

Accessories

IP67 connection box.

Thermoplastic recessed housing for in ground applications.

Additional Information

The halogen versions have 0° - 30° adjustment and 0° - 355° rotation.

Insulation class I,II, III depending on the versions.

IP65, IP67 protection grade depending on the versions.

Suitable for installation on normally inflammable surfaces.

Standard Compliance and Quality Marks

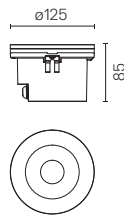
EN60598-1 European Technical Standards and any subsequent additions.

NEUTRON

NEUTRON I NO TRIM FLOOR

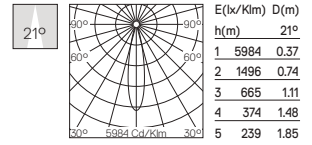


POWER LED
4,2W
425 lm
3000K
CRI 80



Luminaria empotrable
No Trim de interior/
exterior. Cristal de
seguridad. Fuente de
alimentación integrada.
Cuerpo de empotramiento
no incluido, se sirve por
separado.

07.5000.14



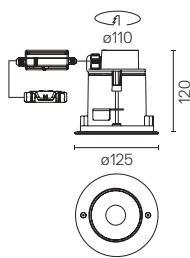
No Trim recessed
luminaire for indoors/
outdoors. Safety glass.
Integrated power supply
source. Housing for
recessed installation
not included; supplied
separately.



NEUTRON I FIXED ROUND CEILING

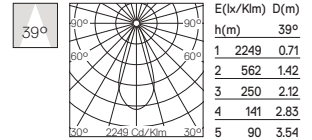


PHOSPHOR LED
8,3W
720 lm
3000K
CRI 80



Downlight LED. Módulo
LED de fósforo integrado.
Alimentador electrónico
remoto 220/240V
incluido. Dispositivo de
conexión impermeable
incluido.

07.9502.04A
07.9502.72A
07.9502.55A
07.9502.PBA
07.9502.PGA
07.9502.PNA



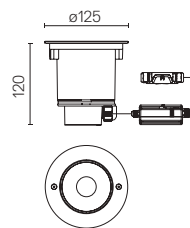
LED downlight. Phosphor
LED module integrated.
Remote electronic driver
220/240V included.
Watertight connection
device included.



NEUTRON I FIXED ROUND FLOOR

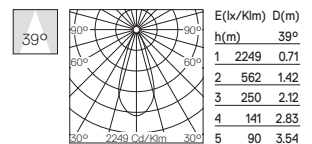


PHOSPHOR LED
8,3W
720 lm
3000K
CRI 80



Up-light LED. Módulo
LED de fósforo integrado.
Alimentador electrónico
remoto 220/240V
incluido. Dispositivo de
conexión impermeable
incluido.

07.9500.04A
07.9500.72A
07.9500.55A
07.9500.PBA
07.9500.PGA
07.9500.PNA



LED up-light. Phosphor
LED module integrated.
Remote electronic driver
220/240V included.
Watertight connection
device included.

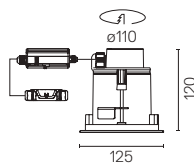


NEUTRON

NEUTRON I FIXED SQUARE CEILING

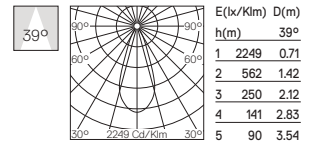


PHOSPHOR LED
8,3W
720 lm
3000K
CRI 80



Downlight LED. Módulo LED de fósforo integrado. Alimentador electrónico remoto 220/240V incluido. Dispositivo de conexión impermeable incluido.

- 07.9503.04A
- 07.9503.72A
- 07.9503.55A
- 07.9503.PBA
- 07.9503.PGA
- 07.9503.PNA



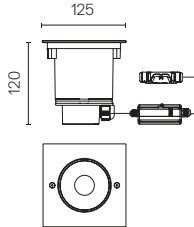
LED downlight. Phosphor LED module integrated. Remote electronic driver 220/240V included. Watertight connection device included.

LED INCL.
NOT REPLACEABLE

NEUTRON I FIXED SQUARE FLOOR

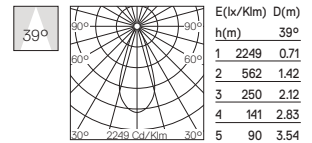


PHOSPHOR LED
8,3W
720 lm
3000K
CRI 80



Up-light LED. Módulo LED de fósforo integrado. Alimentador electrónico remoto 220/240V incluido. Dispositivo de conexión impermeable incluido.

- 07.9501.04A
- 07.9501.72A
- 07.9501.55A
- 07.9501.PBA
- 07.9501.PGA
- 07.9501.PNA



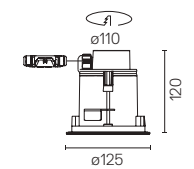
LED up-light. Phosphor LED module integrated. Remote electronic driver 220/240V included. Watertight connection device included.

LED INCL.
NOT REPLACEABLE

NEUTRON I FIXED ROUND CEILING

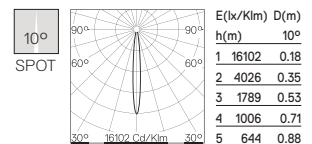


POWER LED
6W
480 lm
3000K
CRI 80



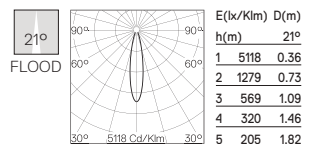
Downlight LED. Módulo cluster 6 LED integrado. Alimentador electrónico 220/240V integrado. Dispositivo de conexión impermeable incluido.

- 07.9512.04A
- 07.9512.72A
- 07.9512.55A
- 07.9512.PBA
- 07.9512.PGA
- 07.9512.PNA



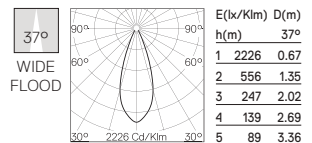
LED downlight. Cluster 6 LED module integrated. Electronic driver 220/240V integrated. Watertight connection device included.

- 07.9517.04A
- 07.9517.72A
- 07.9517.55A
- 07.9517.PBA
- 07.9517.PGA
- 07.9517.PNA



LED INCL.
NOT REPLACEABLE

- 07.9522.04A
- 07.9522.72A
- 07.9522.55A
- 07.9522.PBA
- 07.9522.PGA
- 07.9522.PNA

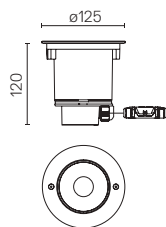


NEUTRON

NEUTRON I FIXED ROUND FLOOR

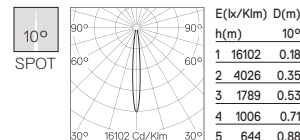


POWER LED
6W
480 lm
3000K
CRI 80



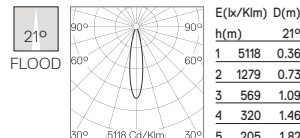
Up-light LED. Módulo cluster 6 LED integrado. Alimentador electrónico 100/240V integrado. Dispositivo de conexión impermeable incluido.

- 07.9510.04A
- 07.9510.72A
- 07.9510.55A
- 07.9510.PBA
- 07.9510.PGA
- 07.9510.PNA



LED up-light. Cluster 6 LED module integrated. Electronic driver 100/240V integrated. Watertight connection device included.

- 07.9515.04A
- 07.9515.72A
- 07.9515.55A
- 07.9515.PBA
- 07.9515.PGA
- 07.9515.PNA



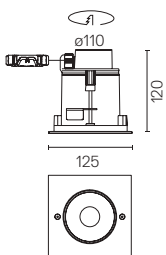
LED INCL.
NOT REPLACEABLE



NEUTRON I FIXED SQUARE CEILING

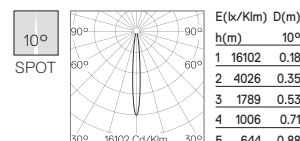


POWER LED
6W
480 lm
3000K
CRI 80



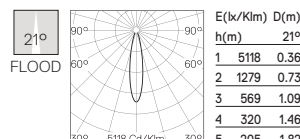
Downlight LED. Módulo cluster 6 LED integrado. Alimentador electrónico 220/240V integrado. Dispositivo de conexión impermeable incluido.

- 07.9513.04A
- 07.9513.72A
- 07.9513.55A
- 07.9513.PBA
- 07.9513.PGA
- 07.9513.PNA



LED downlight. Cluster 6 LED module integrated. Electronic driver 220/240V integrated. Watertight connection device included.

- 07.9518.04A
- 07.9518.72A
- 07.9518.55A
- 07.9518.PBA
- 07.9518.PGA
- 07.9518.PNA



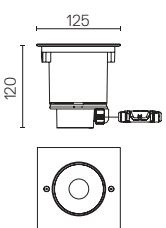
LED INCL.
NOT REPLACEABLE



NEUTRON I FIXED SQUARE FLOOR

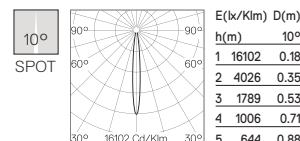


POWER LED
6W
480 lm
3000K
CRI 80



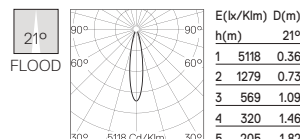
Up-light LED. Módulo cluster 6 LED integrado. Alimentador electrónico 220/240V integrado. Dispositivo de conexión impermeable incluido.

- 07.9511.04A
- 07.9511.72A
- 07.9511.55A
- 07.9511.PBA
- 07.9511.PGA
- 07.9511.PNA



LED up-light. Cluster 6 LED module integrated. Electronic driver 220/240V integrated. Watertight connection device included.

- 07.9516.04A
- 07.9516.72A
- 07.9516.55A
- 07.9516.PBA
- 07.9516.PGA
- 07.9516.PNA



LED INCL.
NOT REPLACEABLE

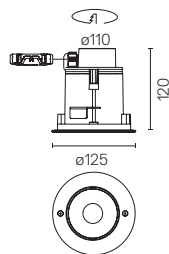


NEUTRON

NEUTRON I FIXED ROUND CEILING LED SIDE EMITING



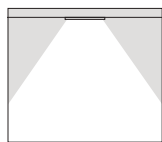
POWER LED
1,5W
170 lm
3000K
CRI 80



Downlight señalizador LED. Alimentador electrónico 220/240V integrado. Dispositivo de conexión impermeable incluido.

07.9527.04A
07.9527.72A
07.9527.55A
07.9527.PBA
07.9527.PGA
07.9527.PNA

Guide LED downlight. Electronic driver 220/240V integrated. Watertight connection device included.

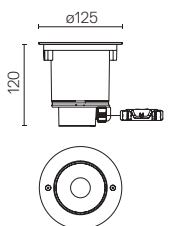


LED INCL.
NOT REPLACEABLE

NEUTRON I FIXED ROUND FLOOR LED SIDE EMITING



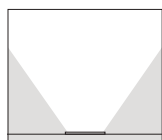
POWER LED
1,5W
170 lm
3000K
CRI 80



Up-light señalizador LED. Alimentador electrónico 100/240V integrado. Dispositivo de conexión impermeable incluido.

07.9525.04A
07.9525.72A
07.9525.55A
07.9525.PBA
07.9525.PGA
07.9525.PNA

Guide LED up-light. Electronic driver 100/240V integrated. Watertight connection device included.

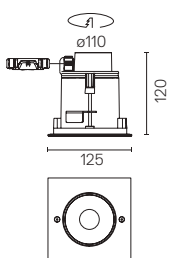


LED INCL.
NOT REPLACEABLE

NEUTRON I FIXED SQUARE CEILING LED SIDE EMITING



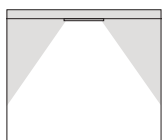
POWER LED
1,5W
170 lm
3000K
CRI 80



Downlight señalizador LED. Alimentador electrónico 220/240V integrado. Dispositivo de conexión impermeable incluido.

07.9528.04A
07.9528.72A
07.9528.55A
07.9528.PBA
07.9528.PGA
07.9528.PNA

Guide LED downlight. Electronic driver 220/240V integrated. Watertight connection device included.



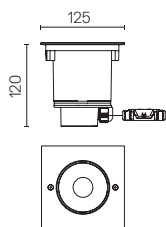
LED INCL.
NOT REPLACEABLE

NEUTRON

NEUTRON I FIXED SQUARE FLOOR LED SIDE EMITING



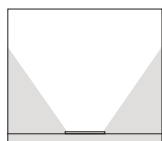
POWER LED
1,5W
170 lm
3000K
CRI 80



Up-light señalizador LED.
Alimentador electrónico
220/240V integrado.
Dispositivo de conexión
impermeable incluido.

- 07.9526.04A
- 07.9526.72A
- 07.9526.55A
- 07.9526.PBA
- 07.9526.PGA
- 07.9526.PNA

Guide LED up-light.
Electronic driver
220/240V integrated.
Watertight connection
device included.

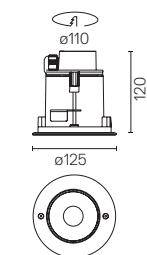


LED INCL.
NOT REPLACEABLE

NEUTRON I ADJUSTABLE CEILING



QR-CBC 35
GU4
MAX 20W



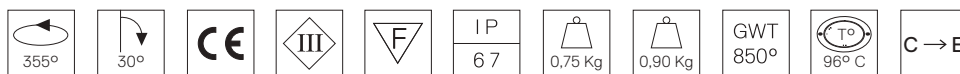
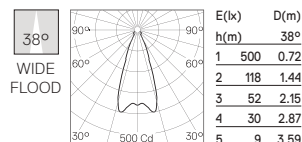
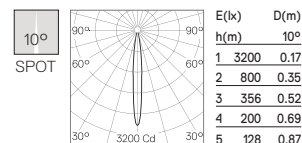
Luminaria empotrable de
interior/exterior. Cristal de
seguridad. Transformador
remoto no incluido.

Indoor and outdoor
recessed luminary. Safety
glass. Remote transformer
not included.

- 07.9201.04
- 07.9201.72
- 07.9201.55
- 07.9201.PB
- 07.9201.PG
- 07.9201.PN

Transformador +
Caja de conexión/
Transformer +
Connection device

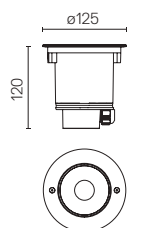
- 07.9210.04
- 07.9210.72
- 07.9210.55
- 07.9210.PB
- 07.9210.PG
- 07.9210.PN



NEUTRON I ADJUSTABLE FLOOR



QR-CBC 35
GU4
MAX 20W



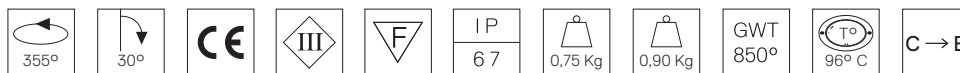
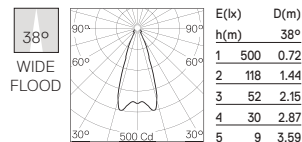
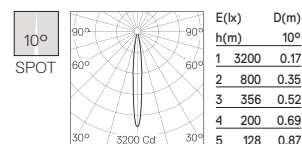
Luminaria empotrable de
interior/exterior. Cristal de
seguridad. Transformador
remoto no incluido.

Indoor and outdoor
recessed luminary. Safety
glass. Remote transformer
not included.

- 07.9203.04
- 07.9203.72
- 07.9203.55
- 07.9203.PB
- 07.9203.PG
- 07.9203.PN

Transformador +
Caja de conexión/
Transformer +
Connection device

- 07.9211.04
- 07.9211.72
- 07.9211.55
- 07.9211.PB
- 07.9211.PG
- 07.9211.PN

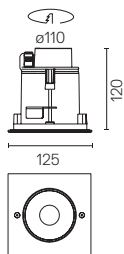


NEUTRON

NEUTRON I ADJUSTABLE CEILING



QR-CBC 35
GU4
MAX 20W

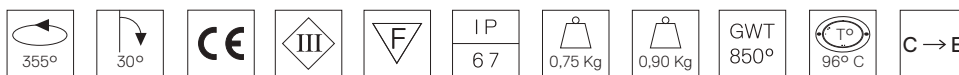
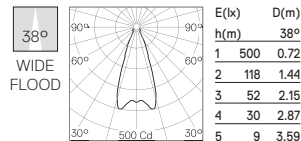
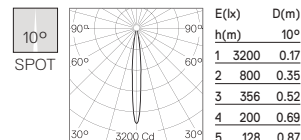


Luminaria empotrable de interior/exterior. Cristal de seguridad. Transformador remoto no incluido.

Indoor and outdoor recessed luminary. Safety glass. Remote transformer not included.

- 07.9215.04
- 07.9215.72
- 07.9215.55
- 07.9215.PB
- 07.9215.PG
- 07.9215.PN

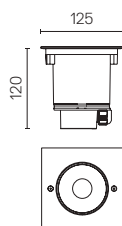
- Transformador + Caja de conexión/
Transformer + Connection device
- 07.9212.04
 - 07.9212.72
 - 07.9212.55
 - 07.9212.PB
 - 07.9212.PG
 - 07.9212.PN



NEUTRON I ADJUSTABLE FLOOR



QR-CBC 35
GU4
MAX 20W

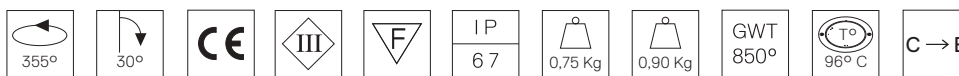
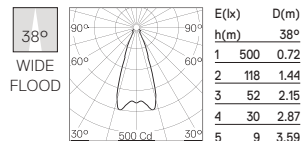
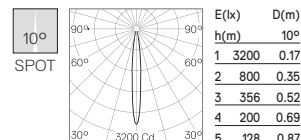


Luminaria empotrable de interior/exterior. Cristal de seguridad. Transformador remoto no incluido.

Indoor and outdoor recessed luminary. Safety glass. Remote transformer not included.

- 07.9217.04
- 07.9217.72
- 07.9217.55
- 07.9217.PB
- 07.9217.PG
- 07.9217.PN

- Transformador + Caja de conexión/
Transformer + Connection device
- 07.9213.04
 - 07.9213.72
 - 07.9213.55
 - 07.9213.PB
 - 07.9213.PG
 - 07.9213.PN

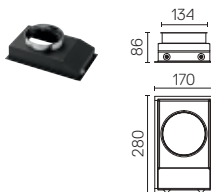


Accesorios Accessories

Neutron I No Trim

Cuerpo de empotramiento.

Housing for recessed installation.



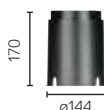
Non-adjustable
08.8780.00

Adjustable
08.8781.00

Neutron I

Cuerpo de empotramiento para instalaciones en suelos pavimentados, realizado en material termoplástico.

Housing for installation in paved grounds made of thermoplastic material.



07.9260.00

Neutron I

Caja de derivación estanca IP67 para facilitar la instalación eléctrica y garantizar el grado de protección.

IP67 waterproof junction box: to be used for electrical connections.











08.8012.00

FARETTO

DESIGNED BY PIERO LISSONI

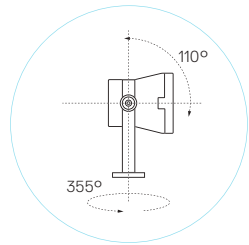
Versión Version	MINI FARETTO OUTDOOR	MINI FARETTO OUTDOOR	FARETTO OUTDOOR	FARETTO HIT OUTDOOR
				
				 

Fuentes de Luz Light Sources				
 PAR 16 GZ10 MAX 50W	 QT-12 GY6.35 50W	 QT-12 GY6.35 75W	 HIT-CRI G12 35/70W	
 QT-12 GY6.35 MAX 50W	 QR-CBC 51 GX5.3 50W - OR - LED QR-CBC 51 7W	 QT-18 B15d MAX 100W		
 QR-CBC 51 GX5.3 MAX 50W - OR - LED QR-CBC 51 7W				

Colores Colours	01 Blanco Mate RAL 9010 01 Matt White	72 Gris RAL 9006 72 Grey	04 Negro Mate RAL 9011 04 Matt Black	MM Marrón Oscuro MM Dark Brown
				

Rotación
Rotation Features

Puede ser orientado 110° y rotado hasta 355° según versiones.
Can be swivelled 110° and rotated up to 355° depending on versions.



FARETTO

Descripción

Familia de proyectores para instalación en exteriores, dos tamaños: ø99, ø138. Versiones con distintas aplicaciones, a base, en pared o fachada. Diseñado para lámparas halógenas de muy baja tensión, directas a red o de halogenuros metálicos. Cuerpo de aluminio inyectado a presión y pintado con barniz en polvo. Cristal templado de protección de 6 mm de espesor.

Cono de protección antideslumbramiento, de polímero, dentro del cuerpo. Anillo interno para la fijación de la lámpara. Juntas de silicona.

Disponible en los acabados: blanco mate (01), gris (72), negro mate (04) y marrón oscuro.

Reflectores

Reflectores de aluminio superpuro anodizado de color plateado con acabado brillo.

Fuentes de Luz

Halógenas:

- PAR 16, max 50W.
- QT-12, max 50W.
- QR-CBC 51, max 50W. (Es posible hacer un retrofit con lámparas LED convencionales).
- * Retrofit recomendado solo con lámparas de FLOS.
- QT-18, max 100W.

De descarga:

- HIT-CRI, 35/70W.

Unidades de Alimentación

Para las lámparas de descarga, según las versiones, unidad de alimentación electrónica de última generación o convencional.

Información Adicional

Posibilidad de rotación a 110° en el eje vertical, y hasta 355° en el horizontal según versiones. Lámpara con sistema de bloqueo tanto horizontal como vertical.

Índice de protección IP66.

El cuerpo óptico IP66, presente en todos los modelos, garantiza protección total contra la acumulación de polvo y/o insectos en su interior.

Clase de aislamiento I, II, III según las versiones.

Instalable sobre superficies normalmente inflamables.

Cumplimiento de Normativa y Marcas de Calidad

Luminaria conforme con la Normativa Técnica Europea EN60598-1 y partes segundas.

Description

Range of outdoor spotlights, base mounted, wall or façade versions, in two sizes: diam. 99mm, diam. 138mm. For halogen or metal halide lamps. Die-cast aluminum, powder-coated body. 6mm tempered glass cover. Polymer anti-glare screening cone inside the body. Inner ring for lamp mounting. Silicone seals.

Available finishes: matt white (01), grey (72), matt black (04) and dark brown (MM).

Reflectors

Super-pure aluminum reflectors with silver-anodized, glossy finish.

Light Sources

Halogen:

- PAR 16, max 50W.
- QT-12, max 50W.
- QR-CBC 51, max 50W. (Retrofit possible with conventional LED lamps).
- * Retrofit recommended only with FLOS lamps.
- QT-18, max 100W.

Discharge:

- HIT-CRI, 35/70W.

Power Supply

For discharge lamps, next-generation or traditional low-loss power supply, depending on the versions.

Additional Information

Possibility of rotation at 110° on the vertical axis and up to 355° on horizontal axis depending on versions. Horizontal and vertical locking system.

IP66 protection grade.

The IP66 compartment seal in all the models guarantees total protection from inside dust build-up and insects.

Insulation class I, II, III depending on the versions.

Suitable for installation on normally inflammable surfaces.

Standard Compliance and Quality Marks

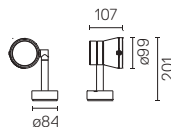
EN60598-1 European Technical Standards and any subsequent additions.

FARETTO

MINI FARETTO OUTDOOR



PAR 16
GZ10
MAX 50W



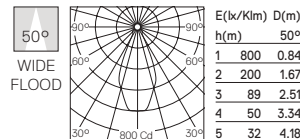
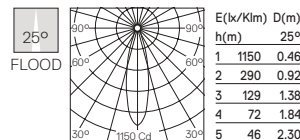
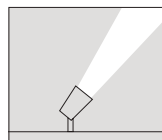
Proyector para ser instalado a techo/pared.
Alimentación directa a red.

- 07.9099.01
- 07.9099.72
- 07.9099.04
- 07.9099.MM

Spotlight with main voltage light source to be installed on ceiling/wall.

Aro de apantallamiento negro integrado.

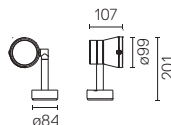
Anti-glare black shield integrated.



MINI FARETTO OUTDOOR



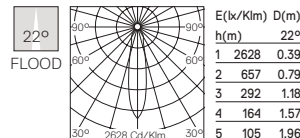
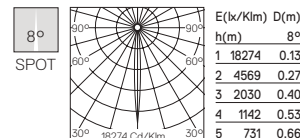
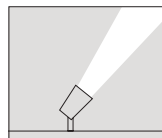
QT-12
GY6.35
MAX 50W



Proyector para ser instalado a techo/pared.
Transformador remoto no incluido.

- 07.9090.01
- 07.9090.72
- 07.9090.04
- 07.9090.MM

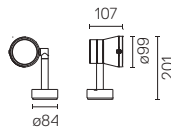
Spotlight to be installed on ceiling/wall. Remote transformer not included.



MINI FARETTO OUTDOOR



QR-CBC 51
GX5.3
MAX 50W



Proyector para ser instalado a techo/pared.
Transformador remoto no incluido.

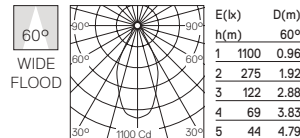
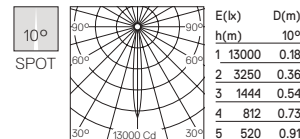
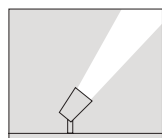
- 07.9094.01
- 07.9094.72
- 07.9094.04
- 07.9094.MM

Spotlight to be installed on ceiling/wall. Remote transformer not included.

Aro de apantallamiento negro integrado.

Anti-glare black shield integrated.

— OR —
LED
QR-CBC 51
GX5.3
7W

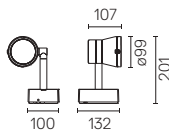


FARETTO

MINI FARETTO OUTDOOR



QT-12
GY6.35
50W

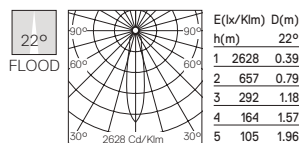
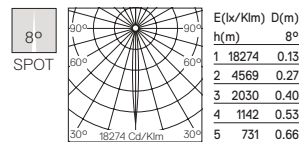
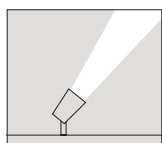


Proyector para ser instalado a techo/pared.
Fuente de alimentación 220-240V, 50-60Hz integrada.

07.9096.01.E3
07.9096.72.E3
07.9096.04.E3
07.9096.MM.E3

Spotlight to be installed on ceiling/wall. 220-240V, 50-60Hz power supply integrated.

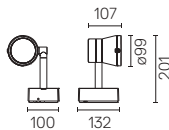
07.9097.01.E3
07.9097.72.E3
07.9097.04.E3
07.9097.MM.E3



MINI FARETTO OUTDOOR



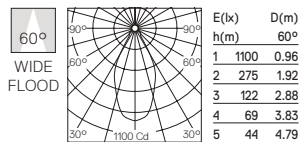
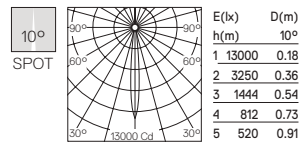
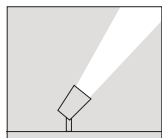
QR-CBC 51
GX5.3
50W



Proyector para ser instalado a techo/pared.
Fuente de alimentación 220-240V, 50-60Hz integrada.

07.9098.01.E3
07.9098.72.E3
07.9098.04.E3
07.9098.MM.E3

Spotlight to be installed on ceiling/wall. 220-240V, 50-60Hz power supply integrated.



Aro de apantallamiento negro integrado.

- OR -

LED
QR-CBC 51
GX5.3
7W

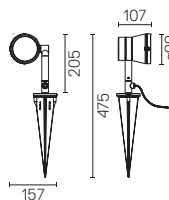
Anti-glare black shield integrated.



MINI FARETTO SPIKE OUTDOOR



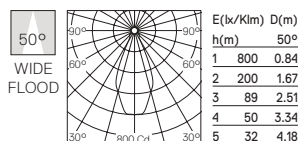
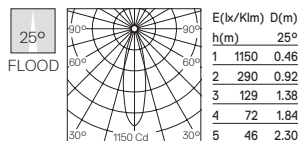
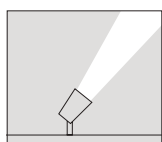
PAR 16
GZ10
MAX 50W



Proyector para ser instalado a suelo.
Alimentación directa a red.

07.9083.01
07.9083.72
07.9083.04
07.9083.MM

Spotlight with main voltage light source to be installed on the ground.



Aro de apantallamiento negro integrado.

Anti-glare black shield integrated.

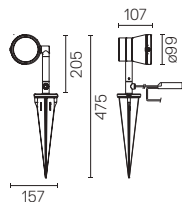


FARETTO

MINI FARETTO SPIKE OUTDOOR



QT-12
GY6.35
50W

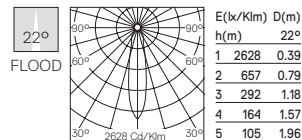
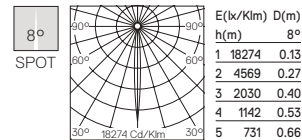
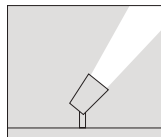


Proyector para ser instalado a suelo.
Transformador electrónico 220/240V remoto incluido.

07.9080.01.E3
07.9080.72.E3
07.9080.04.E3
07.9080.MM.E3

Spotlight to be installed on the ground. Remote electronic transformer 220/240V included.

07.9081.01.E3
07.9081.72.E3
07.9081.04.E3
07.9081.MM.E3



MINI FARETTO SPIKE OUTDOOR



QR-CBC 51
GX5.3
50W

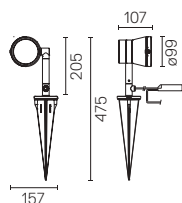
- OR -



LED QR-CBC 51
GX5.3
7W

Aro de apantallamiento negro integrado.

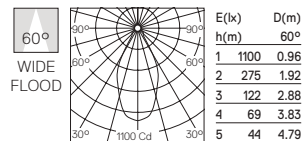
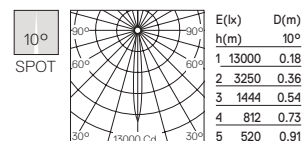
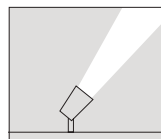
Anti-glare black shield integrated.



Proyector para ser instalado a suelo.
Transformador electrónico 220/240V remoto incluido.

07.9082.01.E3
07.9082.72.E3
07.9082.04.E3
07.9082.MM.E3

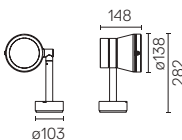
Spotlight to be installed on the ground. Remote electronic transformer 220/240V included.



FARETTO OUTDOOR



QT-12
GY6.35
75W

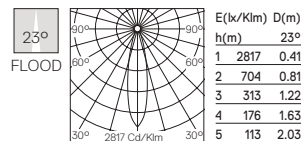
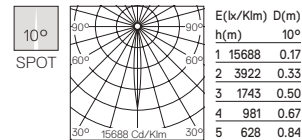
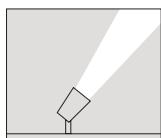


Proyector para ser instalado a techo/pared.
Fuente de alimentación 220-240V, 50-60Hz integrada.

07.9070.01.E3
07.9070.72.E3
07.9070.04.E3
07.9070.MM.E3

Spotlight to be installed on ceiling/wall. 220-240V, 50-60Hz power supply integrated.


07.9071.01.E3
07.9071.72.E3
07.9071.04.E3
07.9071.MM.E3

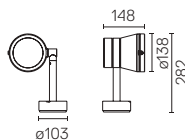


FARETTO

FARETTO OUTDOOR



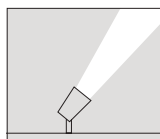
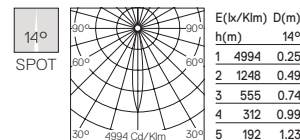

QT-18
B15d
MAX 100W



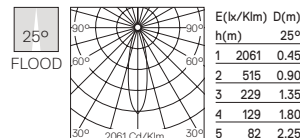
Proyector para ser
 instalado a techo/pared.
 Alimentación directa a red.

07.9074.01
 07.9074.72
 07.9074.04
 07.9074.MM

Spotlight with main
 voltage light source to be
 installed on ceiling/wall.




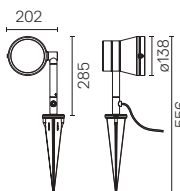
07.9075.01
 07.9075.72
 07.9075.04
 07.9075.MM



FARETTO SPIKE OUTDOOR



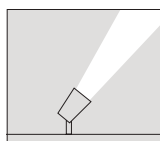
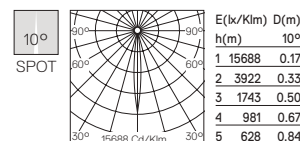

QT-12
GY6.35
75W



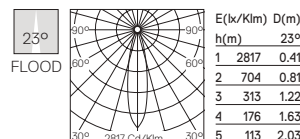
Proyector para ser
 instalado a suelo. Fuente
 de alimentación 220-240V,
 50-60Hz integrada.

07.9060.01.E3
 07.9060.72.E3
 07.9060.04.E3
 07.9060.MM.E3

Spotlight to be installed
 on the ground. 220-240V,
 50-60Hz power supply
 integrated.



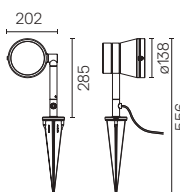
07.9061.01.E3
 07.9061.72.E3
 07.9061.04.E3
 07.9061.MM.E3



FARETTO SPIKE OUTDOOR



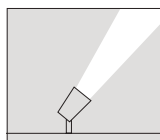
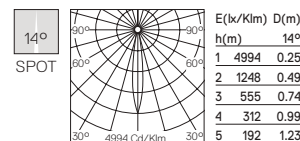

QT-18
B15d
MAX 100W



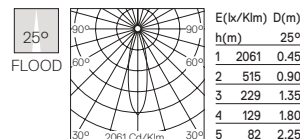
Proyector para ser
 instalado a suelo.
 Alimentación directa a
 red.

07.9062.01
 07.9062.72
 07.9062.04
 07.9062.MM

Spotlight with main
 voltage light source to be
 installed on the ground.



07.9063.01
 07.9063.72
 07.9063.04
 07.9063.MM

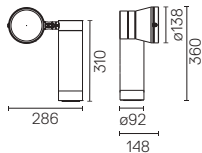


FARETTO

FARETTO HIT FLOOR OUTDOOR



HIT-CRI
G12
35/70W

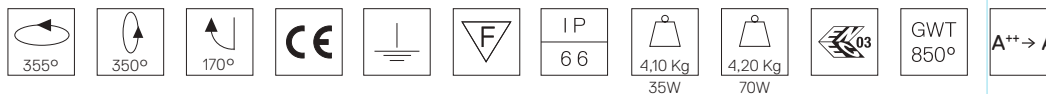
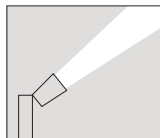
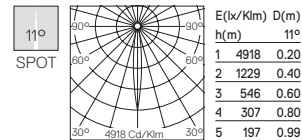


Proyector para ser instalado a suelo. Fuente de alimentación 220-240V, 50-60Hz incluida.

Spotlight to be installed on the ground. 220-240V, 50-60Hz power supply included.

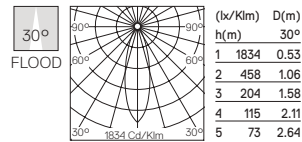
- 35W
- 07.9330.01.E3
 - 07.9330.72.E3
 - 07.9330.04.E3
 - 07.9330.MM.E3

- 70W
- 07.9332.01.E3
 - 07.9332.72.E3
 - 07.9332.04.E3
 - 07.9332.MM.E3



- 35W
- 07.9331.01.E3
 - 07.9331.72.E3
 - 07.9331.04.E3
 - 07.9331.MM.E3

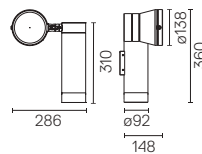
- 70W
- 07.9333.01.E3
 - 07.9333.72.E3
 - 07.9333.04.E3
 - 07.9333.MM.E3



FARETTO HIT WALL OUTDOOR



HIT-CRI
G12
35/70W

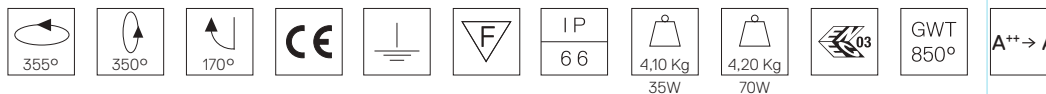
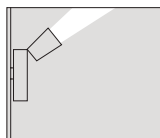
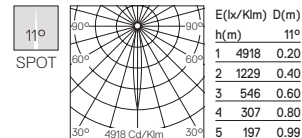


Proyector para ser instalado a pared. Fuente de alimentación 220-240V, 50-60Hz incluida.

Spotlight to be installed on the wall. 220-240V, 50-60Hz power supply included.

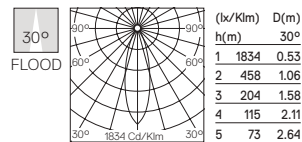
- 35W
- 07.9340.01.E3
 - 07.9340.72.E3
 - 07.9340.04.E3
 - 07.9340.MM.E3

- 70W
- 07.9342.01.E3
 - 07.9342.72.E3
 - 07.9342.04.E3
 - 07.9342.MM.E3



- 35W
- 07.9341.01.E3
 - 07.9341.72.E3
 - 07.9341.04.E3
 - 07.9341.MM.E3

- 70W
- 07.9343.01.E3
 - 07.9343.72.E3
 - 07.9343.04.E3
 - 07.9343.MM.E3

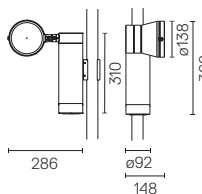


FARETTO

FARETTO HIT POLE OUTDOOR



HIT-CRI
G12
35/70W

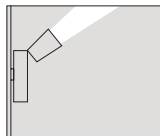
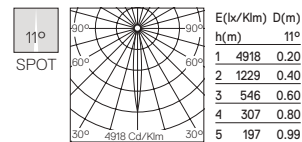


Proyector para ser instalado a mástil. Fuente de alimentación 220-240V, 50-60Hz incluida.

Spotlight to be installed on pole. 220-240V, 50-60Hz power supply included.

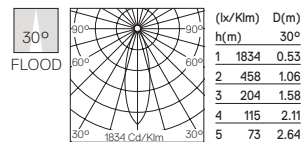
- 35W
- 07.9350.01.E3
 - 07.9350.72.E3
 - 07.9350.04.E3
 - 07.9350.MM.E3

- 70W
- 07.9352.01.E3
 - 07.9352.72.E3
 - 07.9352.04.E3
 - 07.9352.MM.E3



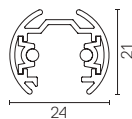
- 35W
- 07.9351.01.E3
 - 07.9351.72.E3
 - 07.9351.04.E3
 - 07.9351.MM.E3

- 70W
- 07.9353.01.E3
 - 07.9353.72.E3
 - 07.9353.04.E3
 - 07.9353.MM.E3



CARRILES / TRACKS

Carril 12V - 1X MAX 25A
12V - 1X MAX 25A Track



Carril monofásico 100 cm. 100-cm single-phase track.	<input checked="" type="checkbox"/> 60.3201.14 <input type="checkbox"/> 60.3201.29 <input type="checkbox"/> 60.3201.30
Carril monofásico 200 cm. 200-cm single-phase track.	<input checked="" type="checkbox"/> 60.3202.14 <input type="checkbox"/> 60.3202.29 <input type="checkbox"/> 60.3202.30
Carril monofásico 300 cm. 300-cm single-phase track.	<input checked="" type="checkbox"/> 60.3203.14 <input type="checkbox"/> 60.3203.29 <input type="checkbox"/> 60.3203.30
Unión flexible carril monofásico. Flexible joint single-phase track.	<input checked="" type="checkbox"/> 60.3205.14
Adaptador jack monofásico. Single-phase jack adaptor.	<input checked="" type="checkbox"/> 60.3206.14 <input type="checkbox"/> 60.3206.30
Transformador electrónico monofásico 250W. Electronic single-phase transformer 250W.	<input checked="" type="checkbox"/> 60.3207.14 <input type="checkbox"/> 60.3207.30
Transformador electrónico monofásico 150W. 230/12V. Electronic single-phase transformer 150W. 230/12V.	<input checked="" type="checkbox"/> 60.3208.14 <input type="checkbox"/> 60.3208.30
Conector alimentación. Power connector.	<input checked="" type="checkbox"/> 60.3209.14 <input type="checkbox"/> 60.3209.30
Unión carril monofásico. Joint single-phase track.	<input checked="" type="checkbox"/> 60.3210.14 <input type="checkbox"/> 60.3210.30
Alimentador central monofásico. Single-phase central power.	<input checked="" type="checkbox"/> 60.3211.14 <input type="checkbox"/> 60.3211.30
Curva 90° horizontal. 90° horizontal curve.	<input checked="" type="checkbox"/> 60.3212.14 <input type="checkbox"/> 60.3212.30
Tapa carril monofásico. Single-phase track cover.	<input checked="" type="checkbox"/> 60.3213.14 <input type="checkbox"/> 60.3213.30
Unión mecánica de aluminio. Aluminium mechanical joint.	<input type="checkbox"/> 60.3214
Unión mecánica de plástico. Plastic mechanical joint.	<input type="checkbox"/> 60.3215
Kit suspensión cable con unión mecánica. L=2 m. Cable suspension kit with mecanichal joint. L=2 m.	<input checked="" type="checkbox"/> 60.3216.14 <input type="checkbox"/> 60.3216.30
Embellecedor carril. Track-trim.	<input checked="" type="checkbox"/> 60.3217.14 <input type="checkbox"/> 60.3217.29 <input type="checkbox"/> 60.3217.30

CARRILES TRIFÁSICOS / THREE PHASE TRACKS

Carril Trifásico

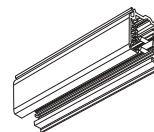
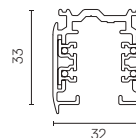
GLOBAL PRO ofrece ventajas para instalaciones avanzadas: los conectores principales son alimentables y el cable de alimentación puede ocultarse debajo de los elegantes accesorios de suspensión. Los carriles de iluminación GLOBAL PRO están diseñados para facilitar su colocación superficial en paredes y techos, o empotrados en falsos techos. Los carriles pueden suspenderse a la altura deseada.

Otras ventajas del sistema trifásico son su alta capacidad de carga y la posibilidad de formar grupos lumínicos independientes en cada uno de los tres circuitos. Esto permite la iluminación de los entornos más exigentes.

Three Phase Track

GLOBAL PRO offers benefits for advanced installations: the main connectors are feedable and the feeding cable can be hidden under the elegant suspension accessories. GLOBAL PRO lighting tracks are designed for easy surface mounting on ceilings and walls, or recessed mounting in suspended ceilings. Lighting tracks can be suspended at any desired height. Other advantages of the three-circuit system are its high loading capacity and the possibility of forming independent fixture groups in all three circuits. This permits illumination of the most demanding environments.

Surface



1000 mm

- 60.3101.11
- 60.3101.29
- 60.3101.14

1000 mm/Dali Version

- 60.3101.11ADA
- 60.3101.29ADA
- 60.3101.14ADA

2000 mm

- 60.3102.11
- 60.3102.29
- 60.3102.14

2000 mm/Dali Version

- 60.3102.11ADA
- 60.3102.29ADA
- 60.3102.14ADA

3000 mm

- 60.3103.11
- 60.3103.29
- 60.3103.14

3000 mm/Dali Version

- 60.3103.11ADA
- 60.3103.29ADA
- 60.3103.14ADA

4000 mm

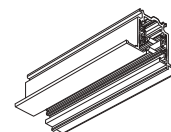
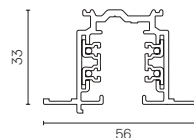
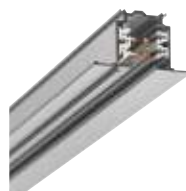
- 60.3104.11
- 60.3104.29
- 60.3104.14

4000 mm/Dali Version

- 60.3104.11ADA
- 60.3104.29ADA
- 60.3104.14ADA



Recessed



1000 mm

- 60.3810.11
- 60.3810.29
- 60.3810.14

1000 mm/Dali Version

- 60.3810.11ADA
- 60.3810.29ADA
- 60.3810.14ADA

2000 mm

- 60.3820.11
- 60.3820.29
- 60.3820.14

2000 mm/Dali Version

- 60.3820.11ADA
- 60.3820.29ADA
- 60.3820.14ADA

3000 mm

- 60.3830.11
- 60.3830.29
- 60.3830.14

3000 mm/Dali Version

- 60.3830.11ADA
- 60.3830.29ADA
- 60.3830.14ADA

4000 mm

- 60.3840.11
- 60.3840.29
- 60.3840.14

4000 mm/Dali Version

- 60.3840.11ADA
- 60.3840.29ADA
- 60.3840.14ADA



CARRILES TRIFÁSICOS / THREE PHASE TRACKS

Varilla de suspensión con rosetón
1000mm con fileteado m6.



60.3014.11
60.3014.14

Suspension rod with 1000mm rose.
m6 thread.

Alargo para varilla de suspensión
1000mm con fileteado m6.



60.3097.11
60.3097.14

1000mm suspension rod extension
set m6 thread.

Kit de suspensión flexible.



60.3008.11
60.3008.14

Flexible suspension kit.

Conexión de techo con rosetón.



60.3094.11
60.3094.14

Ceiling fitting with rose.

Fijación a carril para suspensión
con varilla con fileteado m6.



60.3018.11
60.3018.14

Attachment on track for rod
suspension m6 thread.

Cable de suspensión con plomo -
1500mm sin rosetón a techo.



60.3095.29

Lead-weighted wire - 1500mm
without rose and ceiling fitting.

Cable de suspensión con plomo -
3000mm sin rosetón a techo.



60.3096.29

Lead-weighted wire - 3000mm
without rose and ceiling fitting.

Fijación a techo/pared o para cable
de suspensión con plomo.



60.3025.11
60.3025.14
60.3025.29

Bracket for track fixing wall/ceiling
or suspension with lead-weighted
wire.

Fijación del carril a techo/pared
lateral.



60.3093.29

Bracket for fixing track to wall or
ceiling.

Fijación del carril con cable de
suspensión.



60.3057.11
60.3057.29

Bracket for fixing track with wire.

Soporte a pared completo con
brazo 70 mm.



60.3083.29

Complete wall support 70 mm.

Cubre conductores 3000 mm.



60.3090.11

Track cover strip L 3000 mm.

Rosetón cubre alimentación.



60.3092.11

Power supply rose cover.

Tapa para conexión de
alimentación en los carriles
empotrables.



60.3053.11
60.3053.14

Cover for power supply
connectors recessed track.

Tapa para las conexiones.



60.3091.11
60.3091.14

Cover for connectors.

* Conector alimentación derecha.



60.3038.11
60.3038.14
60.3038.12

Live end right.



Dali Version
60.3038.11ADA
60.3038.14ADA
60.3038.12ADA

* Conector alimentación
izquierda.



60.3039.11
60.3039.14
60.3039.12

















Live end left.



Dali Version
60.3039.11ADA
60.3039.14ADA
60.3039.12ADA

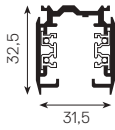
* Posibles puntos de alimentación.
Feeding possible.

CARRILES TRIFÁSICOS / THREE PHASE TRACKS

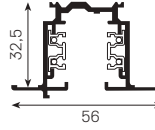
<p>Conector lineal. Straight connector.</p> 	<p>60.3044.11 60.3044.14 60.3044.12</p> <p>Dali Version 60.3044.11ADA 60.3044.14ADA 60.3044.12ADA</p>	<p>Conexión en cruz. Cross coupling.</p> 	<p>60.3036.11 60.3036.14 60.3036.29</p> <p>Dali Version 60.3036.11ADA 60.3036.14ADA 60.3036.29ADA</p> 	
<p>* Conector alimentación central. Mean connector.</p> 	<p>60.3043.11 60.3043.14 60.3043.29</p> <p>Dali Version 60.3043.11ADA 60.3043.14ADA 60.3043.29ADA</p> 	<p>Terminal de cierre. Blind end.</p> 	<p>60.3016.11 60.3016.14 60.3016.12</p>	
<p>* Conector 90°. Connector 90°.</p> 	<p>Interior/Inside 60.3029.11 60.3029.14 60.3029.29</p> <p>Exterior/Outside 60.3028.11 60.3028.14 60.3028.29</p> <p>Interior/Inside Dali Version 60.3029.11ADA 60.3029.14ADA 60.3029.29ADA</p> 	<p>Conexión flexible. Flexible couple.</p> 	<p>60.3037.11 60.3037.14 60.3037.29</p>	
<p>* Conexión en T - interior. Connector T - inside.</p> 	<p>Derecha/Right 60.3047.11 60.3047.14 60.3047.29</p> <p>Izquierda/Left 60.3048.11 60.3048.14 60.3048.29</p> <p>Derecha/Right Dali Version 60.3047.11ADA 60.3047.14ADA 60.3047.29ADA</p> 	<p>Conexión articulada. Corner adjustable connector.</p> 	<p>60.3046.11 60.3046.14 60.3046.29</p>	
<p>* Conexión en T - exterior. Conector T - outside.</p> 	<p>Derecha/Right 60.3049.11 60.3049.14 60.3049.29</p> <p>Izquierda/Left 60.3051.11 60.3051.14 60.3051.29</p>	<p>Base empotrable para proyector. Recessed box for fix-point.</p> 	<p>60.3022.11 60.3022.14</p>	
<p>* Posibles puntos de alimentación. Feeding possible.</p>	<p>Base de superficie para proyector. Fix-point.</p> 	<p>60.3023.11 60.3023.14 60.3023.29</p>	<p>Llave para la manipulación de los conductores. Lead bending key.</p> 	<p>60.3054 Dali Version 60.3054.00ADA</p>

CARRILES TRIFÁSICOS / THREE PHASE TRACKS

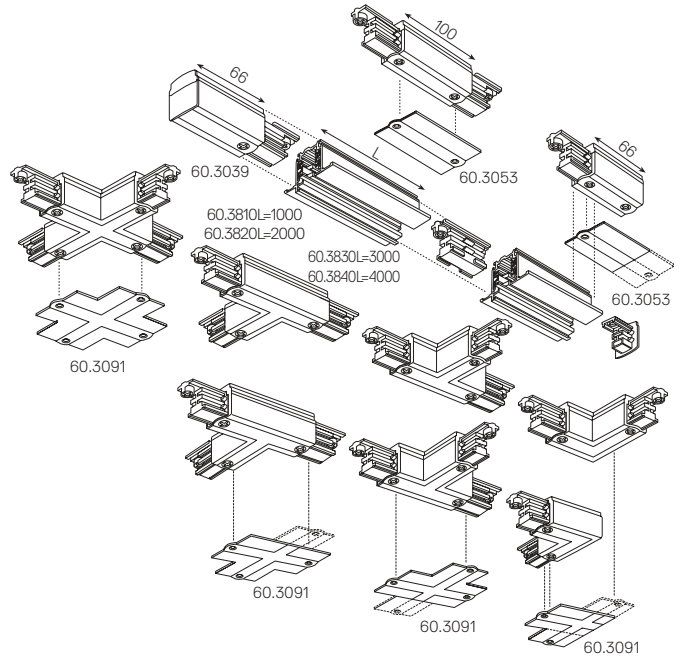
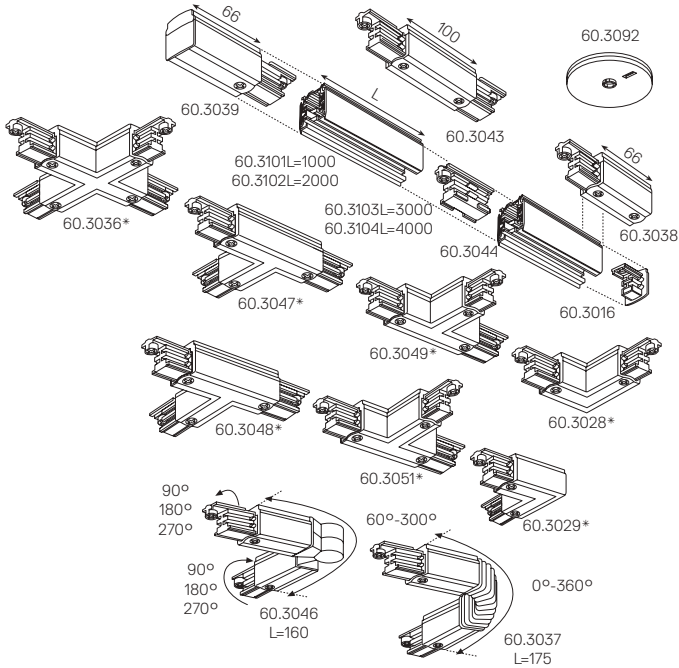
Instrucciones para la Instalación de los Carriles Trifásicos Installation Instructions for the Three-Phase Tracks (3P+N+PE) Un 400v, In 16A, 50Hz, Clase I, IP 20



La posición lateral del conductor neutro viene indicada por una línea larga.
The position of the neutral lead is shown by the thick line.

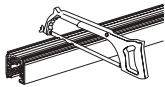


La posición del conductor neutro viene indicada por una línea larga.
The position of the neutral lead is shown by the thick line.

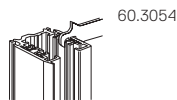


* Puede ser usado como punto de alimentación.
Can be used as a power supply point.

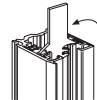
Corte de los Carriles a Medida Cutting Track



1. Corte del carril
1. Cutting the track



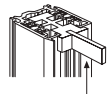
2. Posicione la llave de manipulación del carril
2. Positioning bending key in the track



3. Pliegue de los conductores
3. Lead bending



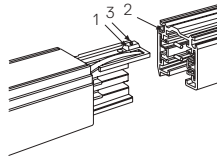
4. Conductores plegados
4. Bent leads



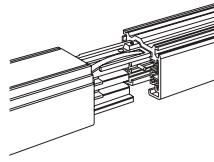
5. Control del pliegue de los conductores
5. Bent leads control

CARRILES TRIFÁSICOS / THREE PHASE TRACKS

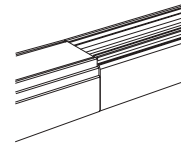
Instalación de las Conexiones Connector Installation



1. Lengüeta de guía
1. Guide flap

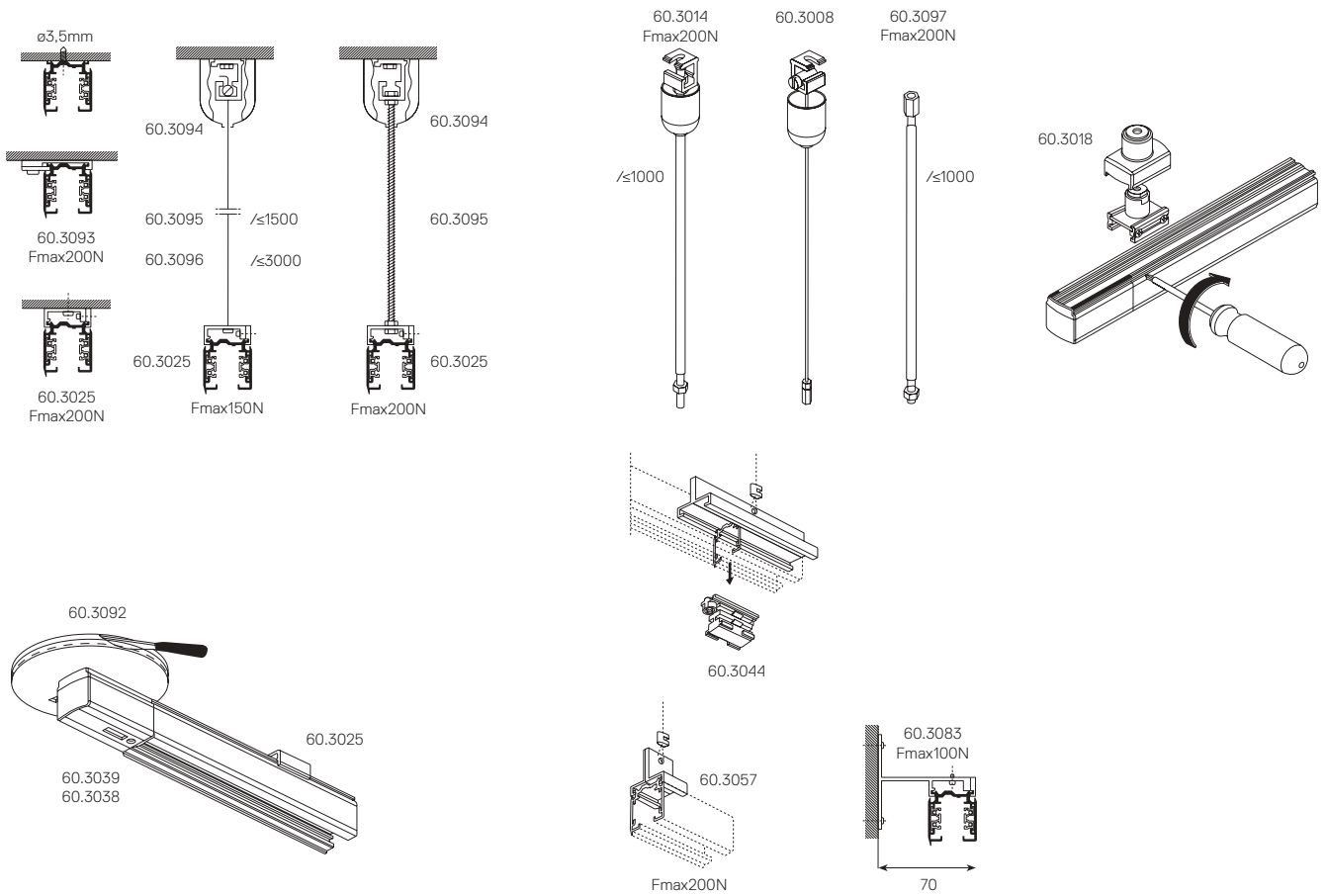


2. Guía
2. Canal



3. Fijación a presión
3. Pressure fixing

Fijación del Carril y Capacidad de Carga Fixing the Track and Load Capacity



CARRILES TRIFÁSICOS / THREE PHASE TRACKS

Notas para el Proyecto

La posición lateral del conductor de tierra hace la estructura de los carriles asimétrica, por lo que los accesorios de conexión deberán ser los correspondientes para cada caso. En las figuras que se presentan a continuación, la línea punteada indica la posición del conductor de tierra.

Figura 1. Carril con toma de alimentación (A) y toma de alimentación (B).

Figura 2. Si el conductor de tierra es exterior - primer caso - deben de usarse las conexiones, en T, (C) con las conexiones (D) correspondientes. Las conexiones en L deberán de ser las mismas para cada esquina, (H). Si, en cambio, el conductor de tierra es interior - segundo caso - deberán de utilizarse las conexiones, en T, (I), con las conexiones (F) correspondientes. Las conexiones en L en este caso serán los (I).

Planning Information

When you install the track, you have to choose on which side you wish to have the ridge. The ridge will tell you which accessories to use with. Have a look at the following figures where the dotted line indicates the ridge on the track.

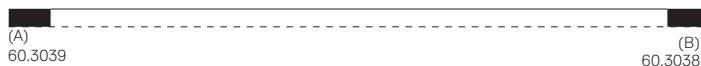
If you have only one track, you can choose on which side you connect it and use the corresponding parts.

Figure 1. Track of length 1 mt. with end feed (A) and its mirror image (B).

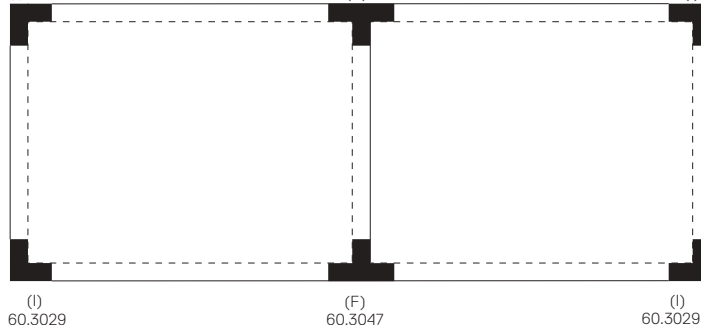
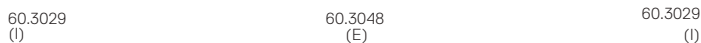
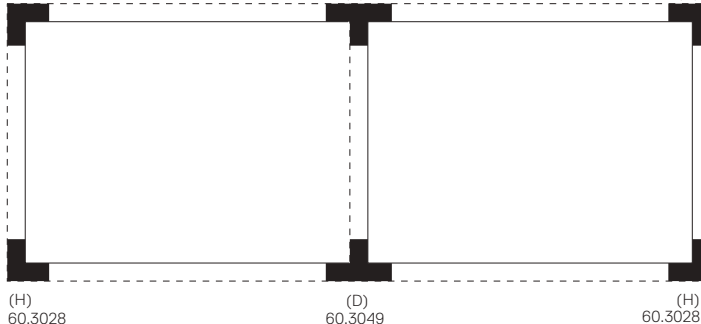
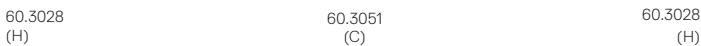
Figure 2. Shows two different cases. You will notice that the ridge can be either inside or outside the installation system. You can use respectively either (C) & (D) or (E) & (F).

If the ridge is outside, first case, you have to use the T connector (C) with its mirror image (D). The L connectors are then the same for each corner, (H). Inversely, if you have the ridge inside, second case, you will have to use the T connector (E) with its mirror image (F). The corresponding L connector is in this case (I).

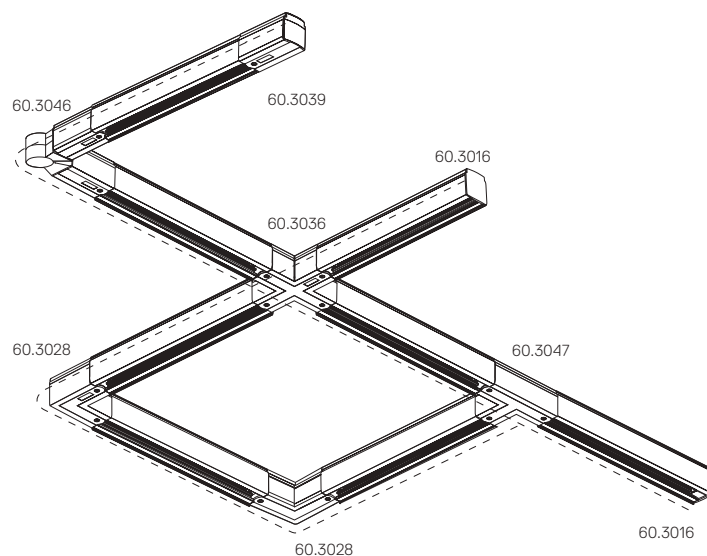
1.



2.



Ejemplo Example



CARRILES TRIFÁSICOS / THREE PHASE TRACKS

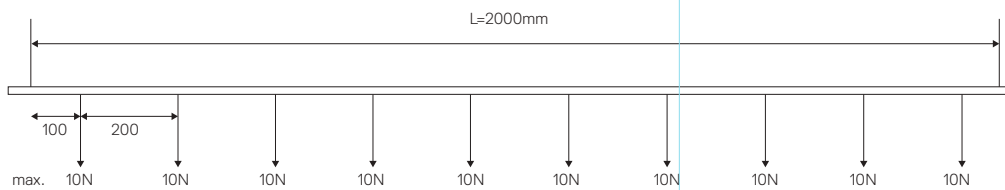
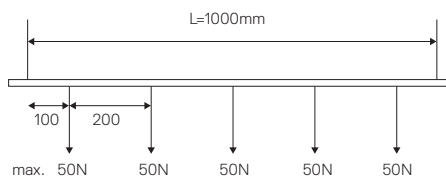
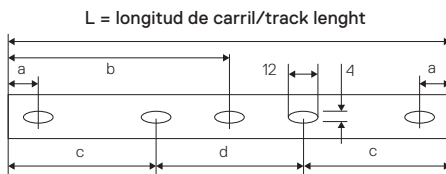
Distancia de Anclaje y Capacidad

La distancia de anclaje recomendada es L=1000mm.
Los carriles van equipados con agujeros de anclaje.


Fastening Distance and Loading Capacity

Recommended fastening distance L=1000mm.
The tracks have fastening holes.


L	a	b	c	d
mm	mm	mm	mm	mm
1000	250			
2000	250	1000		
3000	250		1000	1000
4000	250		1500	1000



Fuente de Alimentación de Corriente Constante para LED
Constant Current Power Supply for LED

Fuente de alimentación de corriente constante 220/240V - 50/60Hz.  20W / 500 mA
60.8629


Non dimmable continuous current power supply 220/240V - 50/60Hz. 20W / 700 mA
60.8691

Fuente de alimentación de corriente constante 110/240V - 50/60Hz.  20W / 500 mA
60.8650


Non dimmable continuous current power supply 110/240V - 50/60Hz. 17W / 700 mA
60.8655

 25W / 500 mA
60.8673


16W / 700 mA
60.8689

Fuente de alimentación de corriente constante 25W, 120/240V - 50/60Hz con corriente de alimentación seleccionable mediante switch 350/500/700 mA no regulable.  60.8437


Non dimmable continuous current power supply of 25W, 120/240V - 50/60Hz with power current selected through adjustable 350/500/700 mA switch.

Fuente de alimentación de corriente constante 32W, con corriente de alimentación seleccionable mediante switch 350/500/550/700 / 850/900 mA no regulable.  60.9233

Non dimmable continuous current power supply of 32W, with power current selected through adjustable 350/500/550/700 / 850/900 mA switch.


Fuente de alimentación de corriente constante 15-20W, 110/240V - 50/60Hz con corriente de alimentación seleccionable mediante switch 350/500/550/700 / 850/900 mA no regulable.  60.8911

Non dimmable continuous current power supply of 15-20W, 110/240V - 50/60Hz, with power current selected through adjustable 350/500/550/700 / 850/900 mA switch.


Fuente de alimentación de corriente constante 32W, 230/240V - 50/60Hz con corriente de alimentación seleccionable mediante switch 350/500/700 mA regulable mediante trailing and leading edge dimming o push dimming.  60.8534

Continuous current power supply of 32W, 230/240V - 50/60Hz with power current selected through adjustable 350/500/700 mA switch by trailing and leading edge dimming or push dimming.


Fuente de Alimentación de Corriente Constante para LED
Constant Current Power Supply for LED

Fuente de alimentación de corriente constante 25W, 120/240V - 50/60Hz con corriente de alimentación seleccionable mediante switch 350/500/700 mA regulable 1-10V o push dimming.  60.8533


Continuous current power supply of 25W, 120/240V - 50/60Hz with power current selected through adjustable 350/ 500/700 mA 1-10V switch or push dimming.

Fuente de alimentación de corriente constante 25-50W, 220/240V - 50/60Hz con corriente de alimentación seleccionable mediante switch 350/500 /550/650/700/750/850/900/1050 mA regulable Dali, 1-10V o push dimming.  60.8530


Continuous current power supply of 25-50W, 220/240V - 50/60Hz with power current selected through adjustable 350/500/550/650/700/750/850/ 900/1050 mA Dali switch, 1-10V switch or push dimming.

Fuente de alimentación de corriente constante 24W, 240V - 50/60Hz con corriente de alimentación 500 mA regulable Dali.  60.8485


Constant voltage supply source of 24W, 240V - 50/60Hz with adjustable Dali 500 mA supply voltage.

Fuente de alimentación de corriente constante 17/24/32W, 220/240V - 50/60Hz con corriente de alimentación seleccionable mediante switch 350/500/700 mA.  60.8656

Continuous current power supply of 17/24/32W, 220/240V - 50/60Hz with power current selected through adjustable 350/500/700 mA.

Fuente de alimentación de corriente constante 24/33W, 220/240V - 50/60Hz con corriente de alimentación seleccionable mediante switch 500/1050 mA.  60.8548


Continuous current power supply of 24/33W, 220/240V - 50/60Hz with power current selected through adjustable 500/1050 mA.

Fuente de alimentación de corriente constante 30W, 220/240V - 50/60Hz con corriente de alimentación 1000 mA regulable Dali.  60.8549


Constant voltage supply source of 30W, 220/240V - 50/60Hz with adjustable Dali 1000 mA supply voltage.

EQUIPOS / EQUIPMENTS


Fuente de Alimentación de Corriente Constante para LED
Constant Current Power Supply for LED

Fuente de alimentación de corriente constante 6W, 100/240V - 50/60Hz con corriente de alimentación 500 mA.  60.8654


Continuous current power supply of 6W, 100/240V - 50/60Hz with 500 mA supply voltage.

Fuente de alimentación de corriente constante 6W, 100V / 14W, 240V - 50/60Hz con corriente de alimentación 500 mA.  60.8880


Continuous current power supply of 6W, 100V / 14W, 240V - 50/60Hz with 500 mA supply voltage.

Fuente de alimentación de corriente constante 10W, 110V / 12W, 240V - 50/60Hz con corriente de alimentación 700 mA.  60.8529


Continuous current power supply of 10W, 110V / 12W, 240V - 50/60Hz with 700 mA supply voltage.

Alimentador electrónico remoto multicorriente para LED. 11/32W, 250-1000 mA, 220/240V, 50/60Hz.  60.8697


Remote multicurrent electronic driver for LED. 11/32W, 250-1000 mA, 220/240V, 50/60Hz.

Fuente de alimentación de corriente constante 13-20W, 110/240V - 50/60Hz con corriente de alimentación seleccionable mediante switch 250/350/400/450/500/550/600/700 mA 1-10V o push dimming.  60.8536

Continuous current power supply of 13-20W, 110/240V - 50/60Hz with power current selected through adjustable 250/350/400/450/500/550/600/700 mA 1-10V switch or push dimming.


Fuente de alimentación de corriente constante 30-50W, 110/240V - 50/60Hz con corriente de alimentación seleccionable mediante switch 250/300/350/400/450/500/550/600/650/700 mA regulable Dali, 1-10V o push dimming.  60.8837

Continuous current power supply of 30-50W, 110/240V - 50/60Hz with power current selected through adjustable 250/300/350/400/450/500/550/600/650/700 mA Dali switch, 1-10V switch or push dimming.


Fuente de alimentación de corriente constante 10-20W, 110/240V - 50/60Hz con corriente de alimentación seleccionable mediante switch 250/350/400/450/500/550/600/700 mA regulable Dali.  60.8847

Continuous current power supply of 10-20W, 110/240V - 50/60Hz with power current selected through adjustable 250/350/400/450/500/550/600/700 mA Dali switch.

Fuente de Alimentación de Tensión Constante para LED
Constant Current Source for LED


Fuente de alimentación LED para instalación remota en cuadro eléctrico 24V/240W. 100/240V.  60.8268

LED power supply source for remote installation in 24V/240W electric control panel. 100/240V.


Transformador electrónico de tensión constante (24V) para LED. 100/240V.  20W 60.8495

Electronic transformer with constant voltage (24V) for LED. 100/240V.

60W 60.8496
100W 60.8497

Transformador electrónico de tensión constante (24V) para LED. 60W. 100/240V. Para uso independiente.  60.8515

Electronic transformer with constant voltage (24V) for LED. 60W. 100/240V. For independent use.

Transformador electrónico de tensión constante (24V) para LED. 220/240V, 50/60Hz.  8W 60.8079

Electronic transformer with constant voltage (24V) for LED. 220/240V, 50/60Hz.

Transformador Electrónico 12V
12V Electronic Transformer

Transformador electrónico 12V.
220/240V, 50/60Hz. Posibilidad de
regulación "leading and trailing edge"
(fase ascendente y descendente).



20-105W
60.8139

50-150W
60.8196

12V Electronic transformer.
220/240V, 50/60Hz. Adjustable by
means of "leading and trailing edge".

Transformador electrónico 12V.
220/240V, 50/60Hz.



LED / 0-3W
60.8190

12V Electronic transformer.
220/240V, 50/60Hz.

Transformador electrónico 12V.
230/240V, 50-225W. 170x45x35 mm.



60.8364

12V Electronic transformer. 230/240V,
50-225W. 170x45x35 mm.

Transformador electrónico 12V.
220/240V, 105W - 50/60Hz.
Posibilidad de regulación mediante
protocolo Dali.



60.8187

12V Electronic transformer.
220/240V, 105W - 50/60Hz.
Adjustable by Dali protocol.

Transformador Ferromagnético 12V
12V Conventional Transformer

Transformador ferromagnético
12V. 230V - 50/60Hz. IP66. Cable
primario: 75 cm, cable secundario:
145 cm.



50W
60.8311

12V Conventional transformer. 230V
- 50/60Hz. IP66. Primary wire: 75
cm, secondary wire: 145 cm.

Transformador electromagnético
12V. 230V - 50/60Hz. IP24.



150-300W
60.8724

12V Electromagnetic transformer.
230V - 50/60Hz. IP24.

Balasto Electrónico para Lámparas Fluorescentes
Fluorescent Electronic Ballast

Balasto electrónico. 220/240V,
50/60Hz.



1x18W / 2x18W
60.8355

Electronic ballast. 220/240V,
50/60Hz.

1x26/1x32/1x42W
2x26W
60.8202

TC-TEL / 2x32W
TC-L / 2x18W / 2x40W
60.8347

Balasto Convencional para Lámparas Fluorescentes
Fluorescent Conventional Ballast

Balasto convencional. 230V, 50Hz.



2x26W
60.8178

Conventional ballast. 230V, 50Hz.

2x18W
60.8177

Unidad de Arranque Electrónico para Halogenuro Metálico
Metal Halide Electronic Control Gear

Unidad de arranque electrónico
halogenuro metálico. 220/240V,
50/60Hz.



HIT / 35W
60.8152

Metal halide electronic control
gear. 220/240V, 50/60Hz.

HIT / 70W
60.8192

HIT / 150W
60.8875

HIT / 2x35W
60.8194

HIT / 2x70W
60.8195

Unidad de arranque electrónico
halogenuro metálico. 220/240V,
50/60Hz. Conector GST-18
incluido. Largo total, incluido el
conector 0,5 m.



HIT / 35W
06.2035.00

HIT / 70W
06.2070.00

Metal halide electronic control
gear. 220/240V, 50/60Hz. Pre-
assembled GST-18 socket. Total
lead length including socket 0,5 m.

HIT / 150W
06.2150.00

Metal halide electronic control
gear. 220/240V, 50/60Hz. Pre-
assembled GST-18 socket. Total
lead length including socket 0,5 m.



HIT / 2x35W
06.2235.00

HIT / 2x70W
06.2270.00

Unidad de arranque electrónico
halogenuro metálico. 220/240V,
50/60Hz para lámpara CDM-Tm.
Conector GST-18 incluido. Largo
total, incluido el conector 0,5 m.



HIT / 20W
06.2033.00

HIT / 35W
06.2038.00

Metal halide electronic control
gear. 220/240V, 50/60Hz for
CDM-Tm lamp. Pre-assembled
GST-18 socket. Total lead length
including socket 0,5 m.

Unidad de Arranque Convencional para Halogenuro Metálico
Metal Halide Conventional Control Gear

Unidad de arranque convencional
halogenuro metálico. 50Hz.



HIT / 35W - 230V
60.0035

Metal halide conventional control
gear. 50Hz.

HIT / 35W - 240V
60.0035.00.24











HIT / 70W - 230V
60.0070




HIT / 150W - 230V
60.0150

HIT / 150W - 240V
60.0150.00.24

FUENTES DE LUZ / LIGHT SOURCES






	Angle	Wattage (W)	Color T ^a (°K)	Voltage (V)	Energy Label	Reference		Angle	Wattage (W)	Color T ^a (°K)	Voltage (V)	Energy Label	Reference
 LED QR-111	24°	10	3000	12	A	60.6690	 LED QR-CBC 51	24°	7	2700	12	A	60.6667
	40°	11	3000	12	A	60.6899		24°	7	3000	12	A	60.6668
	24°	15	3000	12	A	60.6726		36°	7	2700	12	A	60.6669
	40°	15	3000	12	A	60.6727		36°	7	3000	12	A	60.6670
 BASE G53 12V							 BASE GX5.3 12V	24°	8	3000	12	A	60.6891

 LED QR-111 SORAA®	25°	18,5	2700	12	A	60.6930	 LED QR-CBC 51 SORAA®	25°	9	2700	12	A	60.6900
	25°	12,5	2700	12	A	60.6931		36°	9	2700	12	A	60.6901
	36°	18,5	2700	12	A	60.6936		10°	7,5	2700	12	A	60.6902
 BASE G53 12V							 BASE GU5.3 12V	25°	7,5	2700	12	A	60.6903
								36°	7,5	2700	12	A	60.6904
								25°	6	2700	12	A	60.6905
								36°	6	2700	12	A	60.6906
								25°	9	3000	12	A	60.6907
								36°	9	3000	12	A	60.6908
								10°	7,5	3000	12	A	60.6909
								25°	7,5	3000	12	A	60.6910
								36°	7,5	3000	12	A	60.6911
								25°	6	3000	12	A	60.6912
						36°	6	3000	12	A	60.6913		



 LED PAR 16	25°	4	2700	230	A	60.6693	 Accessories	Reference		
	40°	4	2700	230	A	60.6694				
	25°	4	3000	230	A	60.6695				
	40°	4	3000	230	A	60.6696				
	40°	4,3	3000	230	A	*60.6933				
 BASE GU10 230V	25°	5,5	3000	230	A	*60.6932			Beam spreader 25°	80.3300
	25°	7	4200	230	A	*60.6661			Beam spreader 36°	80.3301
	40°	7	4200	230	A	*60.6662			Beam spreader 60°	80.3302
	25°	7	2700	230	A	*60.6665			Linear snap 10° - 25°	80.3303
	40°	7	2700	230	A	*60.6666			Linear snap 10° - 36°	80.3304
						Flat top snap 25° X 25°	80.3305			
						Flat top snap 36° X 36°	80.3306			
						Louwer snap cut-off 40°	80.3307			

*Lámpara LED no compatible por tamaño con los productos para PAR 16. Solicite información al Departamento Comercial.



























LED lamp, not compatible with PAR 16 products due to size. For further information please contact the Sales Department.

 LED PAR 16 SORAA®	10°	7,5	2700	12	A	60.6914	 LED QR-C 38	42°	6	2700	12	A	BU95
	25°	7,5	2700	12	A	60.6915		 BASE B15d 12V					
	36°	7,5	2700	12	A	60.6916							
	60°	7,5	2700	12	A	60.6917							
	25°	5	2700	12	A	60.6918							
	 BASE GU10 12V	10°	7,5	3000	12	A	60.6921	 QT-14 CLEAR	18	2770	230	D	60.6616
25°		7,5	3000	12	A	60.6922	28		2770	230	D	60.6617	
36°		7,5	3000	12	A	60.6923	33		2700	230	D	60.6595	
60°		7,5	3000	12	A	60.6924	42		2770	230	D	60.6618	
							48	2700	230	D	60.6597		




























Accessories	Reference
Beam spreader 25°	80.3300
Beam spreader 36°	80.3301
Beam spreader 60°	80.3302
Linear snap 10° - 25°	80.3303
Linear snap 10° - 36°	80.3304
Flat top snap 25° X 25°	80.3305
Flat top snap 36° X 36°	80.3306
Louwer snap cut-off 40°	80.3307

 QT-14 ES	20	2900	230	D	RF19264
	33	2900	230	D	RF18863
 BASE G9 230V					









FUENTES DE LUZ / LIGHT SOURCES

	Angle	Wattage (W)	Color T ^a (°K)	Voltage (V)	Energy Label	Reference		Angle	Wattage (W)	Color T ^a (°K)	Voltage (V)	Energy Label	Reference	
 PAR 16	35°	50	2900	230	D	60.6365	 QR-CBC 25	40°	20	3000	12	C	Frosted BU62 BU68 Clear BU61 BU64	
	50°	50	2900	230	D	60.6396		44°	35	3000	12	C		
 BASE GU10 230V							 BASE GZ4 12V	21°	20	3000	12	C		
								24°	35	3000	12	C		
 QT-12		35	3000	12	C	60.6300	 QR-C 38	32°	20	3000	12	B	Frosted BU30 BU10 Clear 60.6572 60.6573	
		50	3000	12	C	60.6303		40°	35	3000	12	B		
		75	3000	12	C	60.6304	 BASE B15d 12V	6°	20	3000	12	B		
		90	3000	12	C	60.6305		18°	20	3000	12	B		
		100	3000	12	C	60.6306								
	 BASE GY6.35 12V	35	4000	12	B	60.6404 IRC								
	50	4000	12	C	60.6399 IRC									
 QR-CBC 35	10°	20	3000	12	C	60.6348	 QR-48	8°	20	3000	12	C	BU90	
	30°	20	3000	12	C	60.6349								
	38°	20	3000	12	C	60.6350								
	30°	35	3000	12	C	60.6352								
	38°	35	3000	12	C	60.6353								
 BASE GU4 12V							 BASE GY4 12V							
 QR-CBC 51	38°	20	3000	12	B	Frosted BU19 BU20 BU21	 QT-9		10	3000	12	C	60.6301 60.6302	
	38°	35	3000	12	B				20	3000	12	C		
	60°	50	3000	12	B		Clear 60.6392 60.6393 60.6394 60.6395 60.6354 60.6355 60.6356 60.6357 60.6359 60.6360 60.6361	 BASE G4 12V						
	10°	20	3000	12	B									
	 BASE GX5.3 12V	24°	20	3000	12	B								
		36°	20	3000	12	B								
		60°	20	3000	12	B								
		10°	35	3000	12	B								
		24°	35	3000	12	B								
		36°	35	3000	12	B								
		60°	35	3000	12	B								
		24°	50	3000	12	B								
		36°	50	3000	12	B								
		60°	50	3000	12	B								
 QR-70	24°	20	3000	12	C	60.6369	 BASE B15d 230V		60	2900	230	E	60.6307 60.6309	
	8°	50	3000	12	C	60.6370			100	2900	230	E		
	24°	50	3000	12	C	60.6371								
 BASE BA15d 12V							 QT-18 CLEAR							
 QR-111	24°	35	3000	12	C	60.6398	 QT-32 CLEAR		75	2900	230	D	60.6320 60.6321 60.6322	
	4°	50	3000	12	C	60.6372			100	2900	230	D		
	8°	30	3000	12	C	60.6862			150	2900	230	C		
	24°	50	3000	12	C	60.6374	 BASE E27 230V							
	8°	75	3000	12	C	60.6375								
	24°	75	3000	12	C	60.6376								
	 BASE G53 12V	45°	45	3000	12	C		60.6861						
	8°	60	3000	12	C	60.6863								
	24°	60	3000	12	C	60.6864								
	45°	60	3000	12	C	60.6865								
	24°	50	4000	12	C	60.6450 IRC								
24°	35	3000	12	C	60.6452 IRC									
24°	65	3000	12	C	60.6454 IRC									
8°	65	3000	12	C	60.6455 IRC									
45°	45	3000	12	C	60.6456 IRC									
24°	45	3000	12	C	60.6458 IRC									
45°	65	3000	12	C	60.6575 IRC									
							 BASE R7s 230V							
							 QT-DE-12		120	2900	230	D	60.6592	
									160	2900	230	C	60.6598	
									230	2900	230	C	60.6585	
									120	2900	230	D	60.6866	

FUENTES DE LUZ / LIGHT SOURCES

	Angle	Wattage (W)	Color T ^a (°K)	Voltage (V)	Energy Label	Reference		Angle	Wattage (W)	Color T ^a (°K)	Voltage (V)	Energy Label	Reference	
 PAR 20	10°	50	2900	230	D	60.6334	 ceramic HIT-DE-CRI	70	3000	230	A*	60.6114		
	30°	50	2900	230	D	60.6335		70	4200	230	A*	60.6138		
 BASE E27 230V							 BASE RX7s 230V	150	3000	230	A**	60.6115		
								150	4200	230	A**	60.6139		
 PAR 30S	10°	75	2900	230	D	60.6336	 TC-D	13	2700	230	A	60.6208		
	30°	75	2900	230	D	60.6337		13	4000	230	A	60.6236		
	10°	100	2900	230	D	60.6340		18	2700	230	A	60.6209		
	30°	100	2900	230	D	60.6341		18	3000	230	A	60.6237		
 BASE E27 230V							 BASE G24d 230V	18	4000	230	A	60.6238		
								26	2700	230	A	60.6210		
								26	3000	230	A	60.6250		
								26	4000	230	A	60.6251		
 CDM-TM		20	3000	230	A	60.6149	 TC-DEL	13	4000	230	A	60.6255		
		35	3000	230	A	60.6151		18	2700	230	A	60.6213		
 BASE PGJ5 230V								18	3000	230	A	60.6256		
								18	4000	230	A	60.6257		
								26	2700	230	A	60.6214		
								26	3000	230	A	60.6258		
							26	4000	230	A	60.6259			
 CDM-TC		35	3000	230	A*	60.6483	 TC-T	18	3000	230	A	60.6263		
		70	3000	230	A*	60.6484		26	3000	230	A	60.6265		
		20	3000	230	A*	60.6127								
 BASE G8.5 230V							 BASE GX24d 230V							
 HIT-CRI		35	3000	230	A*	60.6481	 TC-TEL	26	3000	230	A	60.6272		
		70	3000	230	A*	60.6482		26	4000	230	A	60.6273		
		70	4200	230	A*	60.6140		32	3000	230	A	60.6274		
		150	3000	230	A**	60.6123		32	4000	230	A	60.6275		
		150	4200	230	A**	60.6141		42	3000	230	A	60.6276		
 BASE G12 230V							 BASE GX24q 230V	42	4000	230	A	60.6277		
 HI PAR 51	10°	20	3000	230	A	60.6576	 TC-L	18	2700		A	60.6221		
	25°	20	3000	230	A	60.6577		18	3000		A	60.6278		
	40°	20	3000	230	A	60.6578		18	4000		A	60.6279		
	10°	35	3000	230	A	60.6636		24	2700		A	60.6222		
	25°	35	3000	230	A	60.6637		24	3000		A	60.6280		
	40°	35	3000	230	A	60.6638		24	4000		A	60.6247		
	 BASE GX10 230V	25°	50	3000	230	A		60.6722	 BASE 2G11 230V	36	3000		A	60.6281
		40°	50	3000	230	A		60.6723	40	3000		A	60.6282	
	60°	50	3000	230	A	60.6724	40	4000		A	60.6283			
							55	3000		A	60.6284			
							55	4000		A	60.6248			
							80	4000		A	60.6293			
 CDM-R111	10°	35	3000	230	B	60.6178	 TC-F	18	3000		A	60.6286		
	24°	35	3000	230	B	60.6144		24	2700		A	60.6287		
	40°	35	3000	230	B	60.6179		24	3000		A	60.6288		
	10°	70	2900	230	B	60.6146		24	4000		A	60.6244		
	24°	70	2900	230	B	60.6180		36	2700		A	60.6289		
	40°	70	2900	230	B	60.6148		 BASE 2G10 230V	36	3000		A	60.6290	
 BASE GX8.5 220/240V							36	4000		A	60.6245			

FUENTES DE LUZ / LIGHT SOURCES

	Angle	Wattage (W)	Color T ^a (°K)	Voltage (V)	Energy Label	Reference
 TL5-C  BASE 2GX13 230V		22	3000		A	60.6525
		22	4000		A	60.6527
		40	3000		A	60.6529
		40	4000		A	60.6531
 T5 FH  BASE G5 230V		14	3300		A*	60.6500
		21	3300		A*	60.6503
		21	4000		A*	60.6504
		28	3300		A*	60.6506
		28	4000		A*	60.6507
		35	3300		A*	60.6509
		35	4000		A*	60.6510
 T5 FQ  BASE G5 230V		24	3300		A	60.6512
		24	4000		A	60.6513
		39	3300		A*	60.6515
		39	4000		A*	60.6516
		54	3300		A*	60.6518
		54	4000		A*	60.6519
		54	5000		A	60.6520
		80	3300		A	60.6521
		80	4000		A	60.6522
		80	5000		A	60.6523
 T8  BASE G13 230V		36	3000		A	60.6540
		58	3000		A	60.6544
		58	4000		A	60.6545

LED ARRAY

Control **Mayor Control Óptico**

El módulo de LED Array dispone de una superficie de alta densidad luminica que permite que, mediante reflectores, se pueda controlar de una forma muy eficaz la luz. Es posible obtener una gran variedad de ángulos de apertura, cubriendo de este modo, cualquier aplicación.

Control **Greater Optical Control**

The LED Array module has a high-density light surface that allows the light to be effectively controlled through reflectors. A wide variety of opening angles can be obtained, thereby catering for any application.

Sin Pixelación **Luz Blanca sin Pixelación**

El LED Array, debido a su configuración, consigue un patrón de blancos uniforme sin variación de color. Además durante la vida útil del módulo consigue un excepcional mantenimiento del flujo luminoso y de la temperatura de color.

No Pixellation **White Light without Pixellation**

Due to its configuration, the LED Array achieves a uniform standard of whites with no change in colour. In addition, during the useful life of the module, an exceptional maintenance of the luminous flow and colour temperature is obtained.

Reducción de Costes **Reducción de Costes de Operación**

Con esta solución LED, la reducción de los costes de mantenimiento se ve reducida drásticamente debido a su larga vida útil con un flujo luminoso mínimo del 70 %. La energía consumida se reduce hasta en un 75 % comparada con las fuentes de iluminación tradicionales.

Cost Reduction **Reduction in Operating Costs**

With this LED solution, there is a drastic reduction in maintenance costs due to its long useful life with a minimum luminous flow of 70 %. The energy consumed is reduced by 75 % compared to traditional lighting sources.

Aplicación Retail **Fuente de Luz para Aplicación Retail**

El flujo luminoso no contiene rayos IR o UV, que son los causantes de los daños en ropa o un deterioro prematuro de los alimentos. La eliminación de calor en el haz luminoso se transforma en una reducción de los costes en aire acondicionado.

Retail Application **Light Source for Retail Application**

The luminous flow contains no IR or UV radiation, which cause damage to clothing or the premature spoiling of food. The elimination of heat in the light beam is transformed into a reduction in air conditioning costs.

Reflectores **Rendimiento Luminoso**

El módulo de LED Array no es una fuente puntual. La luz es emitida por el área de la resina de la matriz de LEDs. Esta construcción influye a la hora de realizar los cálculos lumínicos y de controlar el ángulo de apertura del LED. Por ello, la forma idónea de realizar este control luminoso es mediante reflectores. Estos reflectores pueden realizarse en termoplástico metalizado, ya que no hay exigencias térmicas de la fuente luminosa. Al poderse realizar en termoplástico existe mayor flexibilidad en el diseño de los mismos y se puede optimizar la superficie reflectante con formas no viables con los reflectores tradicionales de aluminio, con un rendimiento del 90 %. Es posible obtener ángulos de apertura desde unos 20° hasta 60° aproximadamente.

Reflectors **Light Performance**

The LED module is not a point source. The light is emitted through the LED matrix resin area. This construction has an influence when making light calculations and controlling the LED opening angle. As a result, the best way to perform this light control is using reflectors. These reflectors may be made of metallic thermoplastic material since there is no thermal demand on the light source. As they can be made of thermoplastic, there is greater flexibility in their design and the reflecting surface can be optimised with non-viable forms with traditional aluminium reflectors, with a performance of 90 %. Opening angles of between approximately 20° and 60° can be obtained.

POWER LED

Haz de Luz Haz de Luz Cerrado

Debido a que la fuente de luz es puntual, el control óptico se debe de realizar mediante lentes. Este control óptico permite la reducción del haz de luz hasta ángulos muy cerrados. Por ello, en aplicaciones en que se necesite de una gran densidad de luz es la fuente luminosa más adecuada.

Light Beam Closed Light Beam

Due to the fact that the light comes from a point source, optical control must be carried out using lenses. This optical control allows for the reduction of the light beam to very closed angles. For this reason, this is the most appropriate light source in applications which require a high light density.

Diseño Libertad de Diseño

Los power LED se montan en placas electrónicas. Estas placas electrónicas se pueden diseñar en infinidad de dimensiones y formas, de forma que el diseño completo de la fuente luminosa (placa electrónica + LED + Lentes) tiene gran flexibilidad y libertad. Esta flexibilidad lo hace desmarcarse de las fuentes de luz tradicionales.

Design Freedom of Design

The power LEDs are mounted on electronic board. These electronic boards can be designed in many different sizes and shapes, so that the complete light source design (electronic board + LED + Lenses) is extremely flexible and has great freedom. This flexibility makes it different from traditional light sources.

Color Amplia Gama de Temperaturas de Color

Los power LED al ser LEDs discretos se pueden seleccionar en una gran variedad de temperaturas de color. Se establecen bins (rangos del espectro cromático) en donde se garantiza que los LEDs disponen de una variación cromática mínima con respecto a la temperatura de color seleccionada.

Colour Wide Range of Colour Temperatures

The power LEDs are discreet, and can be selected in a wide range of colour temperatures. Bins are established (chromatic spectrum ranges) in which it is guaranteed that the LEDs have a minimum chromatic change with respect to the colour temperature selected.

TOP LED

Haz De Luz Luz Difusa

Debido a su geometría son excelentes para aplicaciones en las que no haya requerimientos de luz dirigida, como son la luz indirecta o luminarias con difusor incorporado.

Light Beam Diffuse Light

Given their geometry, they are excellent for applications that have no directed light requirements, such as indirect light or luminaires.

Alimentación Tensión 24V

Por sus dimensiones compactas y su sencilla alimentación, los "Top LED" ofrecen una multitud de soluciones diferentes a la hora de diseñar un circuito impreso. Su fácil alimentación mediante fuentes de tensión constante a 12/24V, con posibles montajes y conexiones en paralelo, junto con la posibilidad de crear diseño agrupados e irregulares, los hacen candidatos perfectos cuando es necesario el diseño de una fuente de luz lejos de los cánones establecidos por las fuentes de luz tradicionales.

Power Supply Voltage 24V

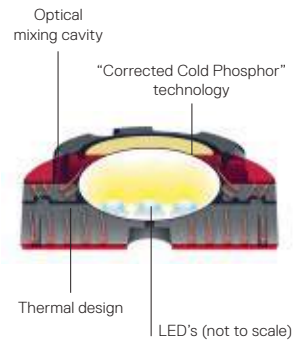
Given their compact dimensions and simple power supply, the "Top LED" offer dozens of different solutions for designing a printed circuit. Their easy power supply using constant 12/24V voltage supplies with possible assemblies and connections in parallel, together with the possibility of creating grouped and irregular designs, make them the perfect candidate when a light source far from the conventions set by traditional light sources is necessary.

Color Amplia Gama de Temperaturas de Color

Los "Top LED" al igual que los "Power LED" se encuentran disponibles en una extensa gama de temperaturas de color distribuidas a lo largo del espectro cromático. La selección determinada vendrá definida por su bin garantizándose su homogeneidad dentro del mismo.

Colour Wide Range of Colour Temperatures

The "Top LED" like the "Power LED" are available in a large range of colour temperatures distributed throughout the entire chromatic spectrum. The selection made will be defined by its bin guaranteeing its homogeneity in it.



**Consistencia
del Color y Homogeneidad Cromática**

El módulo LED de fósforo remoto está disponible en un rango de temperaturas de color de 2700K, 3000K y 4000K. Cada una de estas temperaturas de color están exactamente posicionadas en el BBL (Black Body Locus) para garantizar una perfecta luz blanca. La tolerancia de selección de los LEDs tienen una tolerancia de 1x2 en la elipse de MacAdam mejorando la especificación ANSI C78.377.

**Consistency
Colour and Chromatic Homogeneity**

The remote phosphor LED module is available in a colour temperature range of 2700K, 3000K and 4000K. Each of these colour temperatures is exactly positioned in the BBL (Black Body Locus) to guarantee perfect white light. The LEDs selection tolerance is 1x2 in the MacAdam ellipse, improving the ANSI C78.377 specification.

**Uniforme
Haz de Luz**

Las lámparas halógenas o los LED Array pueden sufrir variaciones de luz sobre una superficie iluminada debido a la no uniformidad propia de la fuente de luz. El módulo de fósforo remoto tiene una superficie emisora de luz uniforme, que se refleja en un perfecto haz de luz sin sombras o variaciones de color.

**Uniform
Light Beam**

Halogen lamps or LED Arrays may suffer changes in light on an illuminated surface, due to the non-uniformity of the light source. The remote phosphor module has a uniform light-emitting surface that is reflected in a perfect beam of light without shadows or changes in colour.

**Reproducción
Alta Cromática**

Con la versión "Artist", a través de la adecuada combinación de la selección de LEDs y las especificaciones del fósforo, se consigue un CRI por encima de 95. Este módulo ha sido optimizado para obtener excelentes resultados en los colores más saturados. Para el rojo, se ha obtenido un valor por encima de 90. Estos números no sólo superan otras soluciones LED sino que mejoran los resultados de las lámparas tradicionales fluorescentes o de halógenos metálicos.

**Reproduction
High Chromatic**

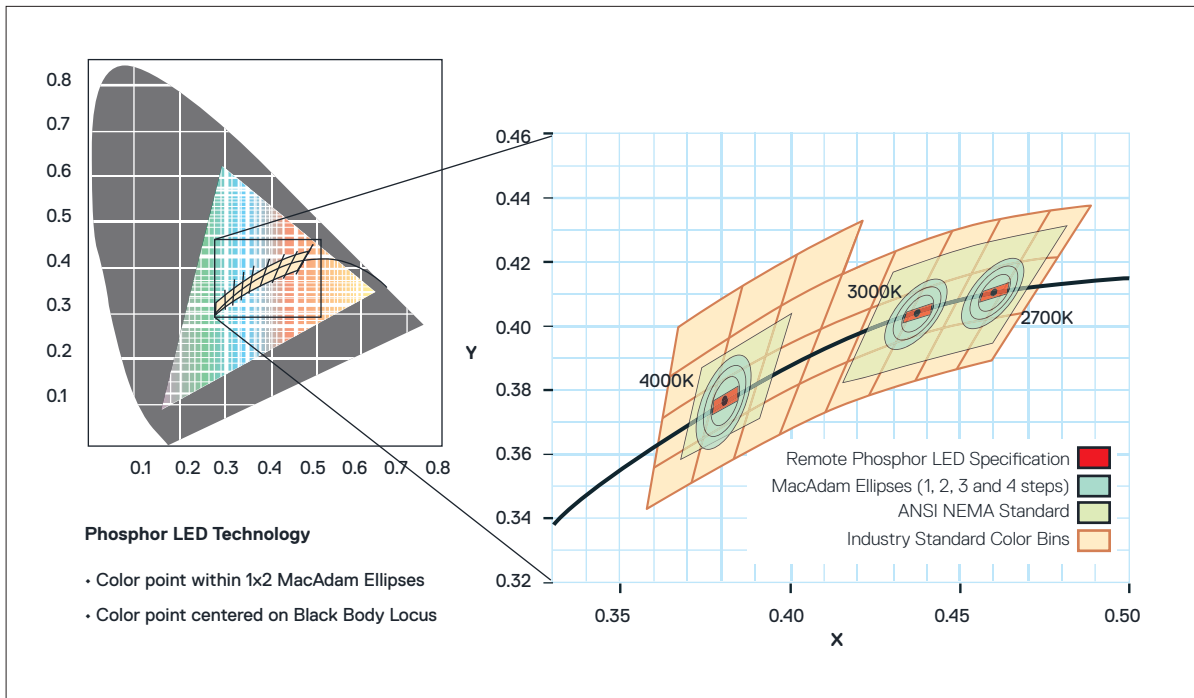
With the "Artist" version; through the correct combination of the LEDs selection and phosphor specifications, a CRI above 95 is obtained. This module has been optimised to obtain excellent results in the most saturated colours. For the red, a value above 90 has been obtained. These numbers not only surpass those of other LED solutions, but improve the results of traditional fluorescent or metal halogenide lamps.

COLOUR RENDERING CHART

A comparison between the Phosphor LED (Artist Series) and other lighting sources
 Note: 2700K and 4000K perform similarly

	Ra	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
Artist Series XTM	98	98	99	98	98	98	97	98	98	96	99	98	88	98	98	98
Typical IR coated Halogen Dichroic	98	98	99	99	99	98	98	99	97	92	97	98	97	98	99	97
Typical Compact Metal Halide	82	90	94	69	82	81	81	87	71	27	59	62	55	93	78	88
Typical Compact Fluorescent	87	91	93	86	91	89	90	88	70	17	76	91	81	93	92	81

Independent measurements by University College London



Grado de Protección
Degree of Protection



Índice de protección contra la penetración de partículas sólidas y húmedas.

Protection degree offered by the fixture to the ingress of solids and liquids.



0 Ninguna protección.
1 Protección contra cuerpos sólidos de tamaño superior a 50 mm.
2 Protección contra cuerpos sólidos de tamaño superior a 12 mm.
3 Protección contra cuerpos sólidos de tamaño superior a 2,5 mm.
4 Protección contra cuerpos sólidos de tamaño superior a 1 mm.
5 Protección contra el polvo.
6 Totalmente protegido contra el polvo.

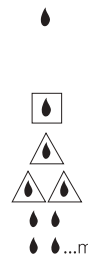
0 No protection.
1 Protected against solid bodies over 50 mm in diameter.
2 Protected against solid bodies over 12 mm in diameter.
3 Protected against solid bodies over 2,5 mm in diameter.
4 Protected against solid bodies over 1 mm in diameter.
5 Protected against dust.
6 Fully protected against dust.

1a cifra: protección contra la penetración de cuerpos sólidos.

1st figure: protection against penetration by solid bodies.



0 Ninguna protección.
1 Protección contra caída vertical de gotas de agua.
2 Protección contra caída vertical de gotas de agua, 15° máx. inclinación.
3 Protección contra caída vertical de gotas de agua, 60° máx. inclinación.
4 Protección contra salpicaduras de agua.
5 Protección contra chorros de agua.
6 Protección contra olas de agua.
7 Protección contra inmersión.
8 Protección contra inmersión prolongada.



0 No protection.
1 Protected against drops of water falling vertically.
2 Protected against drops of water at a max. inclination of 15 degrees.
3 Protected against drops of water at a max. inclination of 60 degrees.
4 Protected against splashed of water.
5 Protected against jets of water.
6 Protected against waves.
7 Protected against immersion.
8 Protected against long term immersion.

2a cifra: protección contra la penetración de agua.

2nd figure: protection against penetration by water.

Simbología
Pictography



Luminarias con balastos incorporados o transformadores previstos para montaje directo sobre superficies normalmente inflamables.

Luminaire with builtin power packs or transformers, suitable for mounting directly onto normally inflammable surfaces.



Balasto convencional.

Conventional Ballast.



Pasa ensayo de Hilo Incandescente (Glow Wire Test) a 850°C según norma IEC 60695-2-10.

Passes Glow Wire Test at 850°C according to standard IEC 60695-2-10.



Luminarias diseñadas para usar únicamente lámparas halógenas de wolframio o lámparas de halogenuros metálicos con pantalla de protección propia.

Luminaires designed to exclusively use wolfram halogen lamps or metal halide lamps with own protection screen.

Etiquetado energético
Energy Label



Según el Reglamento 874/2012, se implementa una nueva directiva respecto al etiquetado energético de lámparas y luminarias. Esta etiqueta energética contempla aparatos con clases de eficiencia energética de A (más eficiente) a G (menos eficiente) para dar una orientación al mercado. A continuación se muestran las indicaciones para su descarga:

- . Entre en la sección de productos de nuestra página web: <http://www.flos.com/es/productos>
- . Elija la colección o producto en el que usted está interesado, por ej. <http://www.flos.com/es/productos/consumer/de pie/Arco>
- . Haga clic en "Ver ficha técnica"
- . Haga clic en "Print Energy Label"
- . Seleccione el idioma e imprima la etiqueta.

According to Regulation 874/2012, a new directive is implemented with regard to energy labelling electrical lamps and luminaires. This energy label rates appliances with energy efficiency classes from A (most efficient) to G (least efficient) to give guidance to the market. You can find information relating to Energy Labels on the Flos website, which is available for download:

- . Visit the products section of our website: <http://www.flos.com/en/products>
- . Choose the collection/product you are interested in, e.g., <http://www.flos.com/en/products/consumer/floor/Arco>
- . Click on "See specs sheet"
- . Click on "Print Energy Label"
- . Select the language and print the label.

CLASIFICACIÓN Y HOMOLOGACIONES / CLASSIFICATION & HOMOLOGATIONS

Clases de Aislamiento de las Luminarias Luminaires Classification



Clase I
Class I

Luminaria cuya protección contra los choques eléctricos no está basada en un aislamiento básico del aparato sino en medidas de seguridad adicionales consistentes en conectar las partes accesibles conductoras de la luminaria a un conductor de seguridad o toma de tierra.

Luminaire in which protection against electrical shocks is not just based on the basic insulation but also on an additional safety precautions consisting of connecting the accessible conductive parts to a safety conductor (earth).



Clase II
Class II

Luminaria cuya protección contra los choques eléctricos no está basada en un aislamiento básico del aparato sino en medidas de seguridad adicionales consistentes en un doble aislamiento reforzado.

Luminaire in which protection against electrical shocks is not just based on the basic insulation but also on an additional safety precautions consisting of double reinforced insulation without conductive parts to a safety conductor (earth).



Clase III
Class III

Luminaria cuya protección contra los choques eléctricos está basada en la muy baja tensión de alimentación sin que se produzcan voltajes mayores a ésta. Una luminaria de Clase III nunca debe ser suministrada con toma de tierra.

Luminaire in which protection against electrical shocks is based on the very low safety supply voltage and no voltages are produced higher than this. A Class III luminaire must never be provided with earthing.

Homologaciones Homologations



Todas las luminarias producidas y presentadas en este programa se han realizado en conformidad con la Norma Europea EN 60 598 y, por consiguiente, cumplen los requisitos establecidos por la Directiva CEE 73/23 (Directiva de Baja Tensión). Su realización garantiza también la conformidad con la Directiva 89/336 en lo concerniente a la Compatibilidad Electromagnética. Todos los productos que forman parte del campo de aplicación de estas Directivas llevan el marcado CE que certifica su conformidad a los respectivos requisitos.

All lamps manufactured and illustrated in this catalog comply with European Standard EN 60 598 and consequently meet the requirements set forth in Directive 73/23 EEC (Low Voltage Directive). They also comply with Directive 89/336 covering electromagnetic compatibility. All products falling under the scope of the above-mentioned Directives bear the CE mark as proof of their compliance with the respective requirements.



La presencia del marcado ENEC en el producto testimonia el cumplimiento de la normativa europea y garantiza la fiabilidad del sistema organizativo y productivo responsable de su fabricación, a través de un organismo de certificación acreditado.
El marcado ENEC representa nuestro compromiso y mejor garantía en materias de seguridad y calidad en todos nuestros productos.

The ENEC mark on the product stands for the compliance of European Standard as well as a trustworthy organisation and product system and is guaranteed by an accredited certification body.
This agreed mark stands for our engagement and represents the best guarantee in security and quality matter of our products.



La asociación española de normalización y certificación AENOR certifica que el Sistema de aseguramiento de la Calidad adoptado por Antares Iluminación S.A. es conforme a las exigencias de la Norma Europea EN ISO 9001: Sistemas de Calidad.

The Spanish Association for Standards and Certification AENOR, certifies that quality assurance system adopted by Antares Iluminación, S.A. complies with the requirements of the standard UNE-EN ISO-9001 Quality Systems.

Datos Fotométricos
Photometric Data

Con el paso del tiempo, el número de inputs visuales a los que el hombre se expone ha aumentado. Actualmente, parece que aproximadamente el 75% de la información que el hombre procesa para relacionarse con su medio ambiente la recibe a través de los ojos, que funcionan de manera parecida a una cámara fotográfica, utilizando la luz emitida o reflejada por los objetos que hay en un determinado ambiente. Esto significa que la información procesada por el cerebro depende en gran medida de los niveles, del tipo de luz y del modo en que se ilumina ese ambiente.

Con la documentación fotométrica redactada (en especial a través del programa de cálculo) queremos facilitar a los diseñadores de iluminación el material necesario para la realización de proyectos de alumbrado que satisfagan la actual normativa EN 12464-1 por lo que se refiere a la adecuada distribución de la luz, confort visual, máxima eficiencia luminosa y la consiguiente reducción de energía. Para aprovechar al máximo las posibilidades del programa de cálculo es fundamental disponer de toda la información necesaria sobre los productos que pueden utilizarse.

Norma EN 12464-1

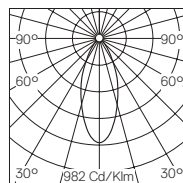
Especifica los requisitos luminotécnicos para satisfacer las exigencias de prestación visual en los lugares de trabajo en interiores, incluidos los que prevén la utilización de pantallas de ordenador, prescribiendo los valores medios de iluminancia E_m , el índice de rendimiento cromático R_a y el confort visual UGR.

Índice unificado de deslumbramiento UGR (Unified Glare Rating)

Define la clase de deslumbramiento causado por la instalación de alumbrado en un interior, tomando en consideración el tipo de luminarias, las características de reflexión y las dimensiones de los locales, así como la posición de los observadores.

Por ejemplo, para puestos de trabajo en los que se trabaje con programas CAD las normas EN 12464-1 prescriben $E_m = 500 \text{ lx}$, $R_a = 80$, $UGR < 19$.

Representación Gráfica de las Características de Emisión Luminosa



La distribución de las intensidades luminosas emitidas por una luminaria se representa con un diagrama polar correspondiente a uno o más planos C que seccionan la luminaria pasando por su baricentro luminoso. Los planos y las intensidades están definidos por un sistema de coordenadas esféricas (C, γ, I). Las curvas que unen los extremos de los vectores intensidad sobre un plano C se llaman curvas fotométricas o indicadoras de emisión.

El número de planos sección C lo prescriben las recomendaciones CIE, y se indica en la Norma Europea correspondiente a las mediciones fotométricas y a la presentación de los datos (CEN 13 032-1). Para luminarias que presentan emisiones rotosimétricas, la emisión luminosa está representada por una única curva. En todos los demás casos la representación gráfica prevé, como mínimo, los planos transversal (C0-180) y longitudinal (C90-270). Para luminarias que pueden montar lámparas geoméricamente iguales pero con flujos luminosos diferentes, por lo general se acepta que el diagrama polar de las intensidades esté representado por un flujo luminoso ideal de 1.000 lumen y por lo tanto expresado en cd/klm . Para fuentes luminosas con óptica incorporada, los valores de la intensidad luminosa máxima facilitados en este catálogo son absolutos (cd) y no se refieren a un flujo normalizado de 1.000 lm , mientras en las demás fuentes los mismos valores corresponden a un flujo ideal de 1.000 lm (cd/klm).

Para productos LED que incorporan electrónica de control y disipadores de calor, que requieran tanto alimentación a tensión de red o mediante fuente de alimentación DC, incluyendo luminarias LED completas provistas de módulos LED no reemplazables, el método de ensayo LM-79 utiliza la fotometría absoluta para medir directamente el flujo luminoso total para una configuración particular.

La distribución real de la luz e intensidad luminosa se miden directamente de la luminaria completa.

With the passing of time, we have been exposed to a rising number of visual impacts. It is currently estimated that about 75% of the information we process when relating to our surroundings is received through our eyes, which work very much like a camera, through the light that is emitted or reflected from objects in a given environment. This means that the information processed by the brain is heavily reliant on the level and type of light, and how this environment is illuminated.

The photometric documentation that has been prepared (especially through the calculation program) aims to provide lighting designers with the material they need to develop lighting projects that comply with the EN 12464-1 standard now in force, in terms of sufficient light distribution, visual comfort, maximum lighting efficiency and consequently, the lowest possible energy consumption. In order to make the most of the calculation program, it is essential to have all the necessary information on the products to be used.

EN 12464-1 Standard

Sets the technical lighting requirements that satisfy the needs of indoor visual performance, especially in workplaces, even when visual display terminals are used, by prescribing the average illuminance values E_m , color rendering R_a , visual comfort UGR.

UGR (Unified Glare Rating)

Classifies the discomfort glare caused by an indoor lighting system, taking into account the kind of luminaires, the reflecting features and size of the rooms, the position of the observers.

For example, for CAD workstations, EN 12464-1 standards set $E_m = 500 \text{ lx}$, $R_a = 80$, $UGR < 19$.

Diagram of the Characteristics of Light Output

Luminous intensity distribution is presented in the form of a polar plot of one or more C planes that cross-section the luminaire, passing through its light center of gravity. The planes and the intensity are shown by means of a system of spherical coordinates (C, γ, I). The curves that join the ends of the intensity vectors on a C plane are called photometric curves or output indicators.

The number of C-section planes is prescribed by CIE recommendations, and is referred to in the European Standards on photometric measurements and data presentation (CEN 13 032-1).

For revolving or symmetrical luminaires, light output is shown as a single curve. In all the other cases, the diagram shows the horizontal (C0-180) and longitudinal (C90-270) planes at least.

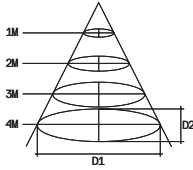
For luminaires that can be fitted with light sources that are geometrically the same but with different luminous fluxes, it is generally accepted that the polar plot shows an ideal luminous flux of 1,000 lumen and is therefore expressed in cd/klm .

For light sources that include reflectors, the maximum luminous intensity values provided in this catalogue are absolute (cd) and do not refer to a standard 1,000 lm flux. For other sources, the same values correspond to an ideal 1,000 lm (cd/klm) flux.

For LED-based products incorporating control electronics and heat sinks, products requiring only line voltage or DC power supply, including complete LED luminaires with no replaceable integrated LED sources, the LM-79 test method uses absolute photometry to directly measure total lumen output for a particular configuration.

The real distribution of light and light intensity are measured directly for the complete luminaire.

E(lx/Klm)	D(m)
1	4918 0.20
2	1229 0.40
3	546 0.60
4	307 0.80
5	197 0.99



Illuminancia (representado con el Símbolo E)

El nivel medio de iluminancia expresado en lux (lx) sobre una superficie es el cociente entre el flujo luminoso, expresado en lumen (lm) que incide sobre la superficie y el tamaño (m²) de dicha superficie. En función de las exigencias es posible calcular iluminancias horizontales (por ej. sobre un escritorio: para leer), verticales (alumbrado de un campo deportivo: para reconocer los atletas) o semicilíndricas (alumbrado urbano: para identificar con quien nos cruzamos). En algunos casos, por ej. al utilizar focos y lámparas con reflector incorporado, la representación de las prestaciones se simplifica mediante tablas llamadas "conos de luz" que indican tanto los valores de las iluminancias medias y máximas como los diámetros de la mancha luminosa en relación con las distancias del plano respecto a la luminaria. El ángulo en el vértice del cono de luz es la apertura del haz de la luminaria, es decir el ángulo descrito por el vector intensidad cuando su módulo es mayor que la mitad de la intensidad máxima. La iluminancia se expresa en lux por cada 1.000 lm (lx/klm). Para fuentes luminosas con óptica incorporada, los valores de las iluminancias medias y máximas son absolutos, mientras que para las demás fuentes corresponden a un flujo ideal de 1.000 lm.

Isolux

Sobre una superficie, los resultados fotométricos de una instalación de iluminación pueden representarse gráficamente mediante "isolux", es decir líneas que unen los puntos que tienen la misma iluminancia. Las isolux permiten evaluar rápidamente, aunque aproximadamente, el valor medio y la uniformidad de la iluminancia.

Clasificación Fotométrica de las Luminarias

Considerando las características de distribución del flujo luminoso y según varias relaciones entre el flujo emitido por una lámpara en el hemisferio superior e inferior, así como la relación entre los varios rendimientos, es posible caracterizar una luminaria según distintas normas y estándares: CIE, DIN 5040, UTE y CIBSE LG3.

CIE

Representación de la distribución del flujo emitido por la luminaria en el interior de conos con ángulos de apertura definidos; el último número de la serie indica el rendimiento total de la luminaria. Las luminarias se clasifican según cinco números (códigos CIE)
 $N_1 = F_1 / F_4$ $N_2 = F_2 / F_4$ $N_3 = F_3 / F_4$ $N_4 = F_4 / F_5$ $N_5 = F_5 / F =$ rendimiento
 Donde:
 F_1 es el flujo emitido en el cono de ángulo sólido $\pi/2$, ángulo en el vértice 83°
 F_2 es el flujo emitido en el cono de ángulo sólido π , ángulo en el vértice 120°
 F_3 es el flujo emitido en el cono de ángulo sólido $3\pi/2$, ángulo en el vértice 151°
 F_4 es el flujo emitido en el cono de ángulo sólido 2π , ángulo en el vértice 180°
 F_5 es el flujo emitido en el cono de ángulo sólido 4π , ángulo en el vértice 360°
 F es el flujo instalado.

Illuminance (shown as E)

The average illuminance expressed in lux (lx) on a surface is the quotient resulting from the luminous flux, expressed in lumen (lm), on the surface and the dimension (m²) of the surface itself. Depending on the need, the illuminance value can be horizontal (e.g. on a desk: for reading), vertical (illumination of a sports fields: to see the players), semi-cylindrical (urban fittings: to see who is coming towards us). In some cases, for example when using spotlights or lamps with a reflector, the performance features are simply shown by means of tables called "light cones" showing both the average and maximum illuminance values, as well as the diameter of the luminous spot, in relation to the distance of the plane from the luminaire. The vertex angle of the light cone is the luminaire's beam, that is, the angle formed by the intensity vector when its module is greater than half of the maximum intensity. Illuminance is expressed in lux per 1,000 lm (lx/klm). For light sources that include reflectors, the average and maximum illuminance values are absolute. For other sources, they correspond to an ideal 1,000 lm flux.

Isolux

The photometric results of a lighting installation can be shown on a surface using an "Isolux", that is, lines connecting the points with the same illuminance. Isolux diagrams are used to quickly determine, albeit in an approximate manner, the average value and uniformity of the illuminance.

Photometric classification of luminaires

Using the classification of luminous flux distribution and using the various ratios between the flux emitted by a luminaire in the upper and lower hemispheres, as well as the ratio of their different yields, a luminaire can be classified on the basis of different recommendations and standards: CIE, DIN 5040, UTE, and CIBSE LG3.

CIE

Diagram of flux distribution by a luminaire inside cones with specific angles; the last number of the series provides the total output ratio of the luminaire. Illuminating luminaires are classified on the basis of five numbers (CIE codes)
 $N_1 = F_1 / F_4$ $N_2 = F_2 / F_4$ $N_3 = F_3 / F_4$ $N_4 = F_4 / F_5$ $N_5 = F_5 / F =$ yield
 Where:
 F_1 is the flux emitted in the solid angle cone $\pi/2$, vertex angle 83°
 F_2 is the flux emitted in the solid angle cone π , vertex angle 120°
 F_3 is the flux emitted in the solid angle cone $3\pi/2$, vertex angle 151°
 F_4 is the flux emitted in the solid angle cone 2π , vertex angle 180°
 F_5 is the flux emitted in the solid angle cone 4π , vertex angle 360°
 F is the installed flux.

CIE 62/98/100/100/74
DIN A50
UTE 0.47C+0.00T
CIBSE TM5 BZ3/2/BZ2

DIN 5040

La clasificación fotométrica de las luminarias está constituida por una letra y dos números. La letra indica la distribución luminosa empezando por la A: directa concentrada, hasta la E: indirecta. La primera cifra indica el porcentaje de flujo luminoso emitido en el hemisferio inferior (directa). La segunda cifra indica el porcentaje de flujo en el hemisferio superior (indirecto).

UTE

La clasificación fotométrica de las luminarias está constituida por un número que indica el rendimiento directo seguido por una letra que indica la distribución luminosa a partir de A para el haz estrecho hasta J para el semiindirecto. Si la luminaria tuviera también una emisión indirecta (superior), se añadiría el rendimiento indirecto seguido por la letra "T". Por ejemplo para una luminaria que emita el 30% de su flujo hacia abajo y el 35% del flujo hacia arriba, con una emisión semiindirecta, el código UTE sería 0,30J + 0,35T.

CIBSE LG3

Con las modificaciones en el Lighting Guidance 3 de 2001 el sistema de clasificación por categorías (Cat) fue abolido para uniformarse con la normativa Europea EN 12464-1.

Esta normativa inglesa clasificaba las luminarias en tres categorías según la luminancia en cuatro planos: C0-180, C90-270, C135-315 y C225-45.

Estaban clasificadas como CIBSE LG3 Cat 1 las luminarias con luminancia inferior a 200 cd/m² para ángulos de observación γ a partir de 55°.

Estaban clasificadas como CIBSE LG3 Cat 2 las luminarias con luminancia inferior a 200 cd/m² para ángulos de observación γ a partir de 65°.

Estaban clasificadas como CIBSE LG3 Cat 3 las luminarias con luminancia inferior a 200 cd/m² para ángulos de observación γ a partir de 75°.

Filtros de Colores

La aplicación de filtros de colores a una luminaria permite modificar las características fotocolorimétricas, por ejemplo la temperatura del color de la lámpara, adecuándola a las exigencias de un alumbrado de acento o de una ambientación particular.

La utilización de filtros determina, además, una reducción de la emisión luminosa de entidad variable en función de las características del filtro.

Archivos Eulumdat

Los archivos Eulumdat de todas las luminarias de FLOS están disponibles en nuestra web www.flos.com, para permitir su utilización en programas de cálculo luminotécnico.

DIN 5040

The photometric classification of luminaires consists of a letter and two numbers. The letter indicates the luminous distribution starting from A: direct concentrated to E: indirect. The first number indicates the percentage of luminous flux emitted in the lower hemisphere (direct). The second number indicates the percentage of luminous flux in the upper hemisphere (indirect).

UTE

The photometric classification of luminaires consists of a number that indicates the direct output ratio followed by a letter that indicates the luminous distribution starting from A for a narrow angle to J for semi-indirect. Should the luminaire also have indirect emission (upper hemisphere), the indirect yield followed by the letter "T" is added. For example, for a luminaire emitting 30% of its flux downwards and 35% upwards, with a semi-indirect emission, the UTE code would be 0.30J + 0.35T.

CIBSE LG3

With the amendment of Lighting Guidance 3 in 2001, the category classification system (Cat) was abolished to conform to European Standard EN 12464-1.

This British Standard classified luminaires in three luminance categories: C0-180, C90-270, C135-315 and C225-45.

CIBSE LG3 Cat 1 if luminance was lower than 200 cd/m² starting at a 55° observation angle γ .

CIBSE LG3 Cat 2 if luminance was lower than 200 cd/m² starting at a 65° observation angle γ .

CIBSE LG3 Cat 3 if luminance was lower than 200 cd/m² starting at a 75° observation angle γ .

Colored Filters

The use of colored filters in a luminaire modifies its photo-colorimetric features, for example the color temperature of the light bulb, adapting it for accent lighting or for a special setting.

The use of filters also reduces the luminous output which can vary depending on the filter's characteristics.

Eulumdat Files

The Eulumdat files of all the FLOS luminaires are available on our website www.flos.com, so they can be used in technical lighting calculations.

SOFT ARCHITECTURE

Wall Rupture, Softprofile, Soft Led Curtain, Kaprofile,
Lightlight® In System Profile, Usp, Juncos,
Wall Piercing, Benguerra, Soft Spun, Abajourd'hui,
Usl, Usl QR-111, Usl Pluto, Uso Boob, Usl Out,
Usl 900 Disk, Apps, G-O In, Teardrop, Uso,
Uso Cove Lighting, Round, Square & Vertical Light,
Usb Round & Square Light, Usb Box.

WALL
RUPTURE



SOFTPROFILE
SMOOTH

Smooth Small

Smooth Large



SOFTPROFILE
DECO

Starck Small

Starck Large

Wanders Small

Wanders Large



SOFT
LED CURTAIN

LED Curtain

LED Curtain Recessed



KAPPROFILE



LIGHTLIGHT®
IN SYSTEM
PROFILE

Surface

Flushed

W-W



U S P

USP 01 18 06

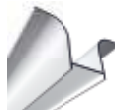
USP 01 18 15

USP 06 18 31

USP 09 18 25

USP 12 33 21

USP 02 08 12



USP 02 16 12

USP 06 16 31

USP 09 16 25

USP 11 08 12

USP 11 16 12

USP 13 15 25



USP 14 15 25

USP 03 15 25

USP 07 15 25

USP 08 15 25

USP 10 05 05




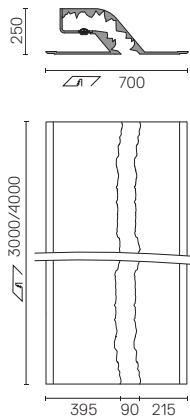
WALL RUPTURE DESIGNED BY THIERRY DREYFUS



Gold Finish



LED WHITE
 17,5W/m
 1140 1m/m
 2700K



Silver Finish

LED WHITE
 17,5W/m
 1225 1m/m
 5000K



Luminaria empotrada para instalación a pared de tecnología Soft. Módulos de LED de diferente temperatura de color según el decorado y equipos no dimables incluidos.


Soft technology wall-mounted, recessed luminaire. LED modules to emit lights with different colour temperature depending on décor; non-dimmable gear included.


Columna 3m / Column 3m
 Acabado Dorado / Gold Finish
 SA.2423.5.145
 Acabado Plateado / Silver Finish
 SA.2423.5.165

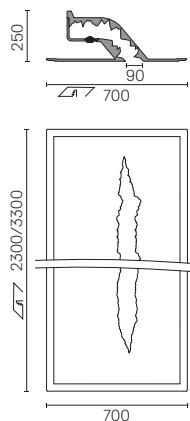
Columna 4m / Column 4m
 Acabado Dorado / Gold Finish
 SA.2424.5.145
 Acabado Plateado / Silver Finish
 SA.2424.5.165

WALL RUPTURE WITH ENDCAPS DESIGNED BY THIERRY DREYFUS





Gold Finish

LED WHITE
 17,5W/m
 1140 1m/m
 2700K


Silver Finish

LED WHITE
 17,5W/m
 1225 1m/m
 5000K



Luminaria empotrada para instalación a pared de tecnología Soft. Módulos de LED de diferente temperatura de color según el decorado y equipos no dimables incluidos.

Soft technology wall-mounted, recessed luminaire. LED modules to emit lights with different colour temperature depending on décor; non-dimmable gear included.

Endcap 2,3m
 Acabado Dorado / Gold Finish
 SA.2453.5.145
 Acabado Plateado / Silver Finish
 SA.2453.5.165

Endcap 3,3m
 Acabado Dorado / Gold Finish
 SA.2454.5.145
 Acabado Plateado / Silver Finish
 SA.2454.5.165

Para una configuración personal consultar con el equipo de ventas de Flos architectural.

For personal configuration ask Flos architectural sales team.



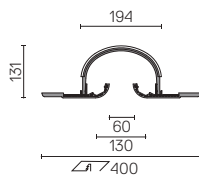
LED INCL.
NOT REPLACEABLE

Premios Awards

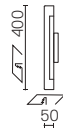


SOFT ARCHITECTURE | LINEAR

SOFTPROFILE SMOOTH SMALL DESIGNED BY FLOS SOFT ARCHITECTURE



Terminal / Endcap



Luminaria empotrada para instalación a pared o techo de tecnología Soft. Permite la instalación de módulos LED en ambos lados. Sistemas de iluminación no incluidos.

Soft technology wall or ceiling-mounted recessed luminaire. It permits the installation of LED modules on both sides. Lighting systems not included.

Sin Decorar / Raw
Columna 3m / Column 3m
SA.2293.1

Columna 4m / Column 4m
SA.2294.1

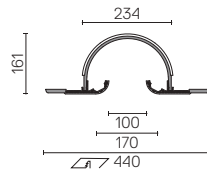
Terminal / Endcap
SA.2295.1

Ver módulos LED y controladores LED. Páginas 486-487.

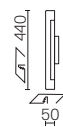
See LED modules and LED drivers. Pages 486-487.



SOFTPROFILE SMOOTH LARGE DESIGNED BY FLOS SOFT ARCHITECTURE



Terminal / Endcap



Luminaria empotrada para instalación a pared o techo de tecnología Soft. Permite la instalación de módulos LED en ambos lados. Sistemas de iluminación no incluidos.

Soft technology wall or ceiling-mounted recessed luminaire. It permits the installation of LED modules on both sides. Lighting systems not included.

Sin Decorar / Raw
Columna 3m / Column 3m
SA.2323.1

Columna 4m / Column 4m
SA.2324.1

Terminal / Endcap
SA.2325.1

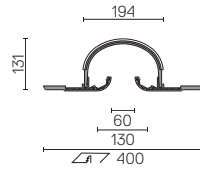
Ver módulos LED y controladores LED. Páginas 486-487.

See LED modules and LED drivers. Pages 486-487.



SOFT ARCHITECTURE | LINEAR

SOFTPROFILE DECO STARCK SMALL DESIGNED BY PHILIPPE STARCK



Luminaria empotrada para instalación a pared o techo de tecnología Soft. Permite la instalación de módulos LED en ambos lados. Sistemas de iluminación no incluidos.

Soft technology wall or ceiling-mounted recessed luminaire. It permits the installation of LED modules on both sides. Lighting systems not included.

Terminal / Endcap



Ver módulos LED y controladores LED. Páginas 486-487.

See LED modules and LED drivers. Pages 486-487.



Sin Decorar / Raw
Columna 3m / Column 3m
SA.2313.1

Columna 4m / Column 4m
SA.2314.1

Cúpula Dorada / Gold Dome
Columna 3m / Column 3m
SA.2313.3.140

Columna 4m / Column 4m
SA.2314.3.140

Cúpula Plateada / Silver Dome
Columna 3m / Column 3m
SA.2313.3.160

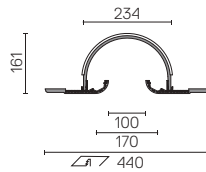
Columna 4m / Column 4m
SA.2314.3.160

Cúpula Blanca / White Dome
Columna 3m / Column 3m
SA.2313.3.120

Columna 4m / Column 4m
SA.2314.3.120

Terminal / Endcap
SA.2295.1

SOFTPROFILE DECO STARCK LARGE DESIGNED BY PHILIPPE STARCK



Luminaria empotrada para instalación a pared o techo de tecnología Soft. Permite la instalación de módulos LED en ambos lados. Sistemas de iluminación no incluidos.

Soft technology wall or ceiling-mounted recessed luminaire. It permits the installation of LED modules on both sides. Lighting systems not included.

Terminal / Endcap



Ver módulos LED y controladores LED. Páginas 486-487.

See LED modules and LED drivers. Pages 486-487.



Sin Decorar / Raw
Columna 3m / Column 3m
SA.2343.1

Columna 4m / Column 4m
SA.2344.1

Cúpula Dorada / Gold Dome
Columna 3m / Column 3m
SA.2343.3.140

Columna 4m / Column 4m
SA.2344.3.140

Cúpula Plateada / Silver Dome
Columna 3m / Column 3m
SA.2343.3.160

Columna 4m / Column 4m
SA.2344.3.160

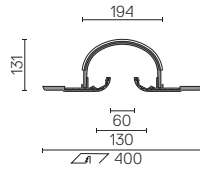
Cúpula Blanca / White Dome
Columna 3m / Column 3m
SA.2343.3.120

Columna 4m / Column 4m
SA.2344.3.120

Terminal / Endcap
SA.2325.1

SOFT ARCHITECTURE | LINEAR

SOFTPROFILE DECO WANDERS SMALL DESIGNED BY MARCEL WANDERS



Luminaria empotrada para instalación a pared o techo de tecnología Soft. Permite la instalación de módulos LED en ambos lados. Sistemas de iluminación no incluidos.

Soft technology wall or ceiling-mounted recessed luminaire. It permits the installation of LED modules on both sides. Lighting systems not included.

Terminal / Endcap



Sin Decorar / Raw
Columna 3m / Column 3m
SA.2303.1

Columna 4m / Column 4m
SA.2304.1

Cúpula Blanca / White Dome
Columna 3m / Column 3m
 SA.2303.3.120

Columna 4m / Column 4m
 SA.2304.3.120

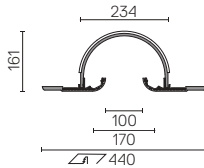
Terminal / Endcap
SA.2295.1

Ver módulos LED y controladores LED. Páginas 486-487.

See LED modules and LED drivers. Pages 486-487.



SOFTPROFILE DECO WANDERS LARGE DESIGNED BY MARCEL WANDERS



Luminaria empotrada para instalación a pared o techo de tecnología Soft. Permite la instalación de módulos LED en ambos lados. Sistemas de iluminación no incluidos.

Soft technology wall or ceiling-mounted recessed luminaire. It permits the installation of LED modules on both sides. Lighting systems not included.

Terminal / Endcap



Sin Decorar / Raw
Columna 3m / Column 3m
SA.2333.1

Columna 4m / Column 4m
SA.2334.1

Cúpula Blanca / White Dome
Columna 3m / Column 3m
 SA.2333.3.120

Columna 4m / Column 4m
 SA.2334.3.120

Terminal / Endcap
SA.2325.1

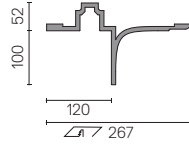
Ver módulos LED y controladores LED. Páginas 486-487.

See LED modules and LED drivers. Pages 486-487.



SOFT ARCHITECTURE | LINEAR

SOFT LED CURTAIN DESIGNED BY FLOS SOFT ARCHITECTURE



Perfil diseñado para la instalación de la Led Curtain.
Luminaria con LEDs de potencia y lente elíptica para una perfecta distribución luminosa con efecto wall-washer.

Profile designed for Led Curtain installation.
Luminaire with power LEDs and elliptical lens for perfect light distribution, with wall-washer effect.

2m
SA.2402.1

Terminal Izquierdo 1m /
Endcap Left 1m
SA.2404.1

Terminal Derecho 1m /
Endcap Right 1m
SA.2405.1

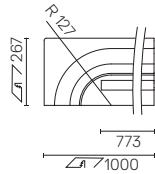
Esquina Interior / Corner Inside
SA.2406.1

Esquina Exterior / Corner Outside
SA.2408.1

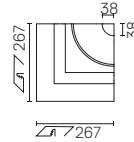
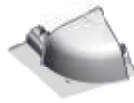
Ver página 484.
See page 484.



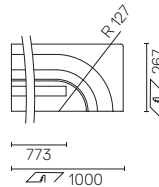
Terminal Izquierdo / Endcap Left



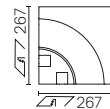
Esquina Interior / Corner Inside



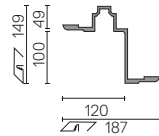
Terminal Derecho / Endcap Right



Esquina Exterior / Corner Outside



SOFT LED CURTAIN RECESSED DESIGNED BY FLOS SOFT ARCHITECTURE



Perfil diseñado para la instalación de la Led Curtain.
Luminaria con LEDs de potencia y lente elíptica para una perfecta distribución luminosa con efecto wall-washer.

Profile designed for Led Curtain installation.
Luminaire with power LEDs and elliptical lens for perfect light distribution, with wall-washer effect.

2m
SA.2392.1

Terminal Izquierdo 1m /
Endcap Left 1m
SA.2394.1

Terminal Derecho 1m /
Endcap Right 1m
SA.2395.1

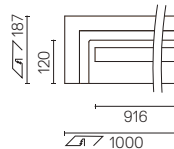
Esquina Interior / Corner Inside
SA.2396.1

Esquina Exterior / Corner Outside
SA.2398.1

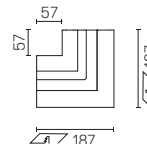
Ver página 484.
See page 484.



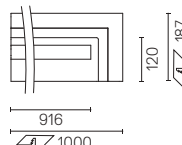
Terminal Izquierdo / Endcap Left



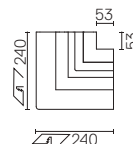
Esquina Interior / Corner Inside



Terminal Derecho / Endcap Right



Esquina Exterior / Corner Outside



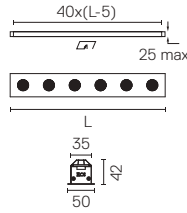
SOFT ARCHITECTURE | LINEAR

LED CURTAIN LIGHT MODULE



POWER LED
 33,5W/m
 24V
 3440 lm/m
 3000K/CRI 82

33,5W/m
 24V
 3700 lm/m
 4000K/CRI 82



Luminaria de pared de iluminación indirecta con LED. Incorpora lente elíptica 15°x50°. Transformador remoto no incluido.

Wall application luminaire for indirect lighting with LED. Elliptical lens 15°x50° incorporated. Remote transformer not included.

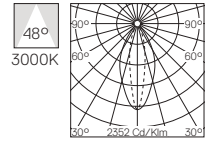
L: 150 mm - 5W - 3 LEDs
 3000K - 516 lm
 03.3910.30A
 4000K - 555 lm
 03.3935.30A

L: 300 mm - 10W - 6 LEDs
 3000K - 1032 lm
 03.3911.30A
 4000K - 1110 lm
 03.3931.30A

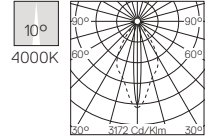
L: 600 mm - 20W - 12 LEDs
 3000K - 2064 lm
 03.3912.30A
 4000K - 2220 lm
 03.3932.30A

L: 900 mm - 30W - 18 LEDs
 3000K - 3096 lm
 03.3913.30A
 4000K - 3330 lm
 03.3933.30A

L: 1200 mm - 40W - 24 LEDs
 3000K - 4128 lm
 03.3914.30A
 4000K - 4440 lm
 03.3934.30A



E(lx/Klm)	D(m)
1	2352 0.89
2	588 1.78
3	261 2.67
4	147 3.56
5	94 4.45



E(lx/Klm)	D(m)
1	3172 0.17
2	793 0.35
3	352 0.52
4	198 0.70
5	127 0.87

180.0 ——— 0.0
 270.0 ——— 90.0

LED INCL.
 NOT REPLACEABLE



Equipos Drivers

Transformador electrónico de tensión constante (24V) para LED. 100/240V.



20W
 60.8495

Electronic transformer with constant voltage (24V) for LED. 100/240V.

60W
 60.8496

100W
 60.8497

Transformador electrónico de tensión constante (24V) para LED. 100/240V. Para uso independiente.



60.8515

Electronic transformer with constant voltage (24V) for LED. 100/240V. For independent use.

Unidad de control dimable 1-10V de 1 canal para la regulación de módulos LED, para equipos de 24V. No incluye fuente de alimentación. Max. 120W - 5A.



60.8640

Dimmable 1-10V control unit with 1 channel for 24V LED modules. Power supply not included. Max. 120W - 5A.

Unidad de control dimable DALI con 3 canales para la regulación de módulos LED, para equipos de 24V. No incluye fuente de alimentación.



60.8641

Dimmable DALI control unit with 3 channels for 24V LED modules. Power supply not included.

Cable de unión entre módulos con conexión rápida tipo Tyco.



L:100 mm
 06.1032.00

Connection cable between modules with Tyco fast connection cable.

L:500 mm
 06.1033.00

Cable de alimentación con conexión rápida tipo Tyco. Máxima longitud a alimentar 3 metros.

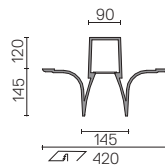
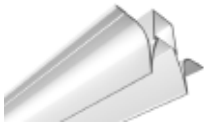


L:500 mm
 06.1034.00

Power cable with Tyco fast connection cable. Maximum supply length 3 metres.

SOFT ARCHITECTURE | LINEAR

KAPPROFILE DESIGNED BY FLOS SOFT ARCHITECTURE



Perfil modular de tecnología Soft para una instalación a techo. Sistemas de iluminación de fluorescencia no incluido.

Soft technology ceiling-mounted modular profile. Fluorescence lighting systems not included.

2m
SA.2282.1

Terminal 1m /
Endcap 1m
SA.2285.1

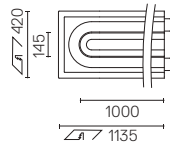
Esquina / Corner
SA.2286.1

* En la esquina los módulos de iluminación están incluidos. Ver módulo T5, página 500.

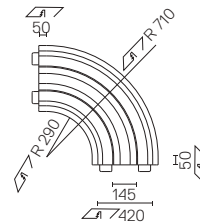
In Corner, lighting modules included. See T5 module, page 500.



Terminal / Endcap



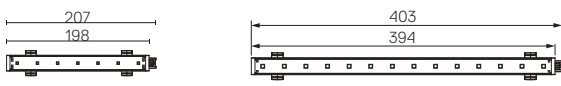
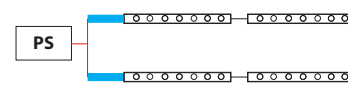
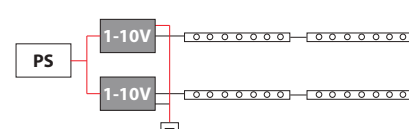
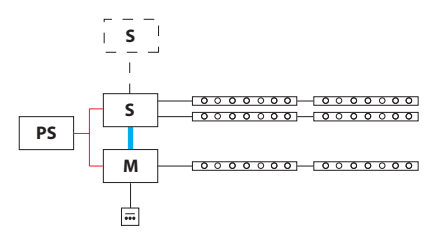
*Esquina / Corner



SOFT ARCHITECTURE | LINEAR

LED DRIVERS

For: Softprofile Smooth - Softprofile Deco - Lightlight® In System Profile W-W - USP 10 05 05

<p>Módulo LED Lineal Linear Module LED</p>  <p>Módulo LED para una óptima iluminación indirecta. Conexiones Tyco macho / hembra para una fácil conexión eléctrica en ambos lados. Puede ser enganchado directamente al Perfil.</p> <p>LED module for optimal indirect illumination. Tyco connections male / female for easy electrical connection in both sides. Can be clipped directly to the Profile.</p>	<p>White</p> <p>08.8512.00 3,5W 228 lm 3000K CRI 85</p> <p>08.8513.00 7W 456 lm 3000K CRI 85</p>		<p>RGB</p> <p>08.8294.00A 1,7W 77 lm CRI>90</p> <p>08.8296.00A 3,5W 154 lm CRI>90</p>
<p>Non Dimmable</p>  <p>Cableado Wiring</p> <p>500mm de cable de alimentación para módulos LED blancos con conexión rápida. Es necesario uno por cada línea LED (dos por cada Perfil). Máximo por cada cable de alimentación: 3 metros lineales LED. Unidad de alimentación electrónica no incluida.</p> <p>500mm feed cable for white LED modules with fast connection. Necessary one for each LED line (two for each Profile). Maximum for each feed cable: 3 LED line meters. Electronic power supply not included.</p>	<p>White</p> <p>06.1016.00</p>		
<p>Dimmable 1-10V</p>  <p>Interfaz Regulable Dimmable Interface</p> <p>Interfaz de 1-10V con dos cables de alimentación de 500mm para módulos LED blancos con conexión rápida. Máximo por cada interfaz: 6 metros de LED. Unidad de alimentación electrónica no incluida.</p> <p>1-10V interface with two 500mm feed cable for white LED modules with fast connection. Maximum for each interface: 6 LED meters. Electronic power supply not included.</p>	<p>White</p> <p>06.1022.00</p> <p>1-10V</p>		
<p>Interfaces Regulables Dimmable Interfaces</p>  <p>Interfaz "Master" Dali con un distribuidor de 5 polos y dos cables de alimentación de 500mm para una fácil conexión. Unidad de alimentación electrónica no incluida.</p> <p>Dali Master interface with one 5 pole distributor and two 500mm feed cable for easy connection. Electronic power supply not included.</p>	<p>White</p> <p>06.1023.00</p> <p>M</p>		<p>RGB</p> <p>06.1025.00</p> <p>M</p>
<p>Interfaz "Master" DMX con distribuidor de 5 polos y dos cables de alimentación de 500mm para una fácil conexión. Unidad de alimentación electrónica no incluida.</p> <p>DMX Master interface with 5 pole distributor and two 500mm feed cable for easy connection. Electronic power supply not included.</p>			<p>06.1026.00</p> <p>M</p>
<p>Interfaz "Master" RGB Radio Frecuencia (RF) con distribuidor de 5 polos y dos cables de alimentación de 500mm para una fácil conexión. Transmisor de pared integrado para crear cambios de color. Unidad de alimentación electrónica no incluida.</p> <p>Radio Frequency (RF) RGB Master interface with 5 pole distributor and two 500mm feed cable for easy connection. Wall transmitter to make color changing integrated. Electronic power supply not included.</p>			<p>06.1027.00</p> <p>M</p>

— El instalador lo suministra / Installer provides






SOFT ARCHITECTURE | LINEAR

LED DRIVERS

For: Softprofile Smooth - Softprofile Deco - Lightlight® In System Profile W-W - USP 10 05 05

Interfaces Regulables Dimmable Interfaces	White	RGB
<p>Interfaz "Slave" para ampliar la señal con dos distribuidores de 5 polos y cuatro cables de alimentación de 500mm para una fácil conexión. Unidad de alimentación electrónica no incluida.</p> <p>Slave interface to expand the signal with two 5 pole distributors and four 500mm feed cable for easy connection. Electronic power supply not included.</p>	06.1024.00 S	06.1028.00 S
<p>2 metros de prolongación de cable para módulos LED con conexión rápida. Pueden conectarse entre sí para una mayor longitud. 20 metros máximo.</p> <p>2 meters prolongation cable for LED modules with fast connection. Can be connected with each other to greater length. 20 meters max.</p>	08.8297.00	08.8298.00
Unidad de Alimentación / Power Supply		
Instalación en Falso Techo Installation in False Ceiling	PS	Instalación Remota en Cuadro Eléctrico Remote Installation Electrical Panel
		PS
<p>Electrónica 20W / Electronic 20W Fuente de alimentación / Power supply LED. 20W – 24V. 100-240V, 50-60Hz.</p>	60.8495	<p>Electrónica 150W / Electronic 150W Fuente de alimentación / Power supply LED. 150W – 24V. 100-240V, 50-60Hz.</p>
<p>Electrónica 60W / Electronic 60W Fuente de alimentación / Power supply LED. 60W – 24V. 100-240V, 50-60Hz.</p>	60.8496	<p>Electrónica 240W / Electronic 240W Fuente de alimentación / Power supply LED. 240W – 24V. 100-240V, 50-60Hz.</p>
<p>Electrónica 100W / Electronic 100W Fuente de alimentación / Power supply LED. 100W – 24V. 100-240V, 50-60Hz.</p>	60.8497	<p>Electrónica 480W / Electronic 480W Fuente de alimentación / Power supply LED. 480W – 24V. 100-240V, 50-60Hz.</p>
		<p>Electrónica 750W / Electronic 750W Fuente de alimentación / Power supply LED. 750W – 24V. 100-240V, 50-60Hz.</p>
		60.8453

Tablas de Instalación / Installation Guidelines

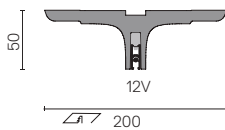
	White							RGB							
	20W	60W	100W	150W	240W	480W	750W	20W	60W	100W	150W	240W	480W	750W	
Longitud máxima de LED* Max length LED*	1m	3,5m	5,5m	8m	13m	27m	42m	2m	8m	12m	20m	34m	68m	107m	
Sección de cable (el instalador lo suministra) Cable section (installer provides)	0,5mm²	0,5mm²	0,75mm²	0,75mm²	1mm²	2,5mm²	6mm²	0,5mm²	0,5mm²	0,75mm²	0,75mm²	1mm²	2,5mm²	6mm²	
Distancia máxima Max distance		5m	10m	15m	30m	50m	100m	250m	5m	10m	15m	30m	50m	100m	250m
Distancia máxima Max distance		20m							20m						
Distancia máxima Max distance		20m							20m						
Máxima longitud módulos LED conectados con Max length LED connected to		2m							7m						
Máxima longitud módulos LED conectados con Max length LED connected to		4m							14m						

* Atención: Para Lightlight® In System Profile W-W y USP 10 05 05, longitud de LED = longitud de perfil. Para Softprofile, 2x longitud de LED = longitud de perfil.

Beware: For Lightlight® In System Profile W-W and USP 10 05 05, LED length = profile length. For Softprofile, 2x LED length = profile length.

SOFT ARCHITECTURE | LINEAR

**[LIGHTLIGHT® IN SYSTEM PROFILE SURFACE
DESIGNED BY HANS BUSCHFELD AND FLOS SOFT ARCHITECTURE]**



Perfil modular de tecnología Soft para una instalación a techo, que permite una perfecta integración de los productos Light Light® de Flos arquitectural. Sistemas de iluminación no incluidos.

2m
SA.2222.1

Terminal 1m /
Endcap 1m
SA.2225.1

Esquina / Corner
SA.2226.1

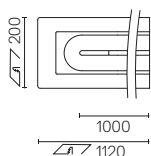
Soft technology ceiling-mounted modular profile, allowing for perfect integration of the Flos architectural Light Light® products. Lighting systems not included.

Carril no incluido. Set de montaje incluido.

Track not included. Mounting set included.



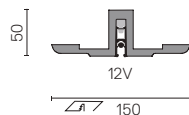
Terminal / Endcap



Esquina / Corner



**[LIGHTLIGHT® IN SYSTEM PROFILE FLUSHED
DESIGNED BY HANS BUSCHFELD AND FLOS SOFT ARCHITECTURE]**



Perfil modular de tecnología Soft para una instalación a techo, que permite una perfecta integración de los productos Light Light® de Flos arquitectural. Sistemas de iluminación no incluidos.

2m
SA.2212.1

Terminal 1m /
Endcap 1m
SA.2215.1

Esquina / Corner
SA.2216.1

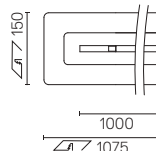
Soft technology ceiling-mounted modular profile, allowing for perfect integration of the Flos architectural Light Light® products. Lighting systems not included.

Carril no incluido. Set de montaje incluido.

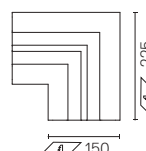
Track not included. Mounting set included.



Terminal / Endcap



Esquina / Corner

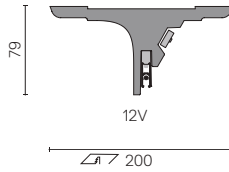


[Productos LightLight® Recomendados / LightLight® Recommended Products]

Tube	Point	Minitube	Disc 70	Disc 111	Pinpin	B15	Halb

SOFT ARCHITECTURE | LINEAR

[LIGHTLIGHT® IN SYSTEM PROFILE W-W
DESIGNED BY HANS BUSCHFELD AND FLOS SOFT ARCHITECTURE]



Perfil modular de tecnología Soft para una instalación a techo que permite una perfecta integración de los productos Light Light® de Flos arquitectural así como módulos de LEDs para iluminación indirecta. Sistemas de iluminación no incluidos.

2m
SA.2272.1

Esquina Interior /
Corner Inside
SA.2276.1

Esquina Exterior /
Corner Outside
SA.2278.1

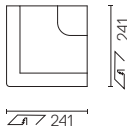
Carril no incluido. Set de montaje incluido.
Ver los controladores LED. Páginas 486-487.

Track not included. Mounting set included.
See LED drivers. Pages 486-487.

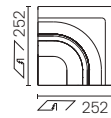


Soft technology ceiling-mounted modular profile, allowing for perfect integration of the Flos architectural Light Light products, as well as LED modules for indirect lighting. Lighting systems not included.

Esquina Interior / Corner Inside



Esquina Exterior / Corner Outside



[Productos LightLight® Recomendados / LightLight® Recommended Products]

Tube	Point	Minitube	Disc 70	Disc 111	Pinpin	B15	Halb



[Accesorios / Accessories]

No incluidos, ver página 490.
Not included, see page 490.

SOFT ARCHITECTURE | LINEAR

LIGHTLIGHT® IN SYSTEM PROFILE ACCESORIOS / ACCESSORIES



Carril para montaje empotrado, L=2000. Puede acortarse in-situ. No incluye material de montaje.

BU93032
BU93002
BU93042
BU93022

Track for recessed mounting, L=2000. Can be shortened on site. Without mounting set.



Carril para montaje empotrado con conector de alimentación (tornillo de conexión), no puede acortarse in-situ. Incluye 2 tapas finales. Derecha o izquierda, L=2000. No incluye material de montaje.

BU93036
BU93006
BU93046
BU93026

Track for recessed mounting with power feed (screw connection), cannot be shortened on site. 2 end caps including. Right or left, L=2000. Without mounting set.



Carril para montaje empotrado con conector de alimentación (tornillo de conexión), no puede acortarse in-situ. Incluye 2 tapas finales. Central, L=2000. No incluye material de montaje.

BU93037
BU93007
BU93047
BU93027

Track for recessed mounting with power feed (screw connection), cannot be shortened on site. 2 end caps including. Centre, L=2000. Without mounting set.



Carril para montaje empotrado con conector de alimentación (tornillo de conexión), no puede acortarse in-situ. Incluye 2 tapas finales. Derecha o izquierda, L=660. No incluye material de montaje.

BU93035

Track for recessed mounting with power feed (screw connection), cannot be shortened on site. 2 end caps including. Right or left, L=660. Without mounting set.



Carril para montaje empotrado con conector de alimentación (tornillo de conexión), no puede acortarse in-situ. Incluye 2 tapas finales. Derecha o izquierda, L=330. No incluye material de montaje.

BU93033

Track for recessed mounting with power feed (screw connection), cannot be shortened on site. 2 end caps including. Right or left, L=330. Without mounting set.



Conector de alimentación, incluye 2 tapas finales, superior, L=35, con tornillo de conexión. Derecha o izquierda.

BU93612
BU93614
BU93613
BU93611

Power feed, including 2 end caps. Top, L=35, with screw connection. Right or left.



Conector de alimentación, incluye 2 tapas finales, superior, L=35, con tornillo de conexión. Central.

BU93616
BU93619
BU93617
BU93615

Power feed, including 2 end caps. Top, L=35, with screw connection. Centre.

Conector de alimentación, incluye 2 tapas finales, axial, L=35. Derecha o izquierda, tornillo de conexión.

BU91105
BU91104*
BU91125

Power feed, including 2 end caps. Axial, L=35. Right or left, screw connection.



Conector lineal conductivo L=0.



BU93111

Linear connector conductive, L=0.

Conector lineal aislado, L=1.

BU91305
BU91304*
BU91307

Linear connector insulating, L=1.

Conector en ángulo de 90°, L=0. Corte en inglete in-situ.




Conductivo
Conductive
BU93113

Angle connector 90°, L=0. Mitre cut on site.

No Conductivo
Non Conductive
BU93115

Conector en ángulo para superficie SA.2226.1.



Conductivo
Conductive
BU93119

Connector for corner surface SA.2226.1.

No Conductivo
Non Conductive
BU93121

Herramientas de extracción para carril.



80.2435

Track extraction tool.

Gancho de sujeción para carril empotrado.




12,5 80.2433

Recessed fastening track clip.



Gancho de sujeción para carril semi-empotrado.



17,5 80.2434

Semi-recessed fastening track clip.



* Utilizar la misma referencia también para el acabado aluminio pulido.
Use the same article code also for the polished aluminum finish.

Transformador electromagnético 12V.
230V, 150-300W, 50/60Hz.



60.8724

Electromagnetic transformer 12V.
230V, 150-300W, 50/60Hz.

Transformador electrónico 12V. 35-
150W, 220/240V, 50/60Hz. Posibilidad
de regulación "leading and trailing edge"
(fase ascendente y descendente).



35-150W
60.8196

Electronic transformer 12V. 35-150W,
220/240V, 50/60Hz. Adjustable by
means of "leading and trailing edge".

Transformador electrónico 11,8V.
50-225W, 230/240V. 170x45x35mm.

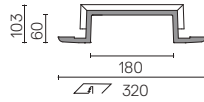
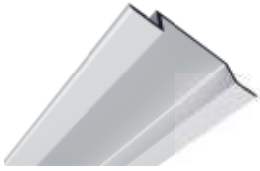


50-225W
60.8364

Electronic transformer 11,8V. 50-225W,
230/240V. 170x45x35mm.

SOFT ARCHITECTURE | LINEAR

USP 01 18 06 DESIGNED BY FLOS SOFT ARCHITECTURE



Perfil modular de tecnología Soft para una instalación a techo que permite una perfecta integración del producto de Flos architectural. Para una configuración personal, puede añadir puntos de luz en la estructura. Consultar al equipo de ventas de Flos architectural.

2m
SA.2012.1

Terminal 1m /
Endcap 1m
SA.2015.1

Esquina / Corner
SA.2016.1

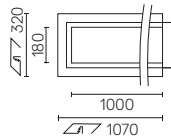
Soft technology ceiling-mounted modular profile, allowing for perfect integration of the Flos architectural product. For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.

Las referencias no incluyen los productos de Flos architectural.

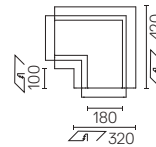
References do not include Flos architectural products.



Terminal / Endcap

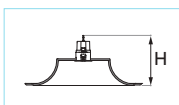


Esquina / Corner



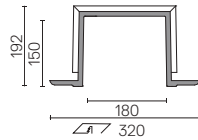
Productos Flos architectural Recomendados / Flos architectural Recommended Products

Light Sniper	Easy Kap	Wan Downlight	Wan Spot	Orbital 135	Pure Downlight 1 NT	Pure Downlight 2 T	Compass Ø162	Pure Downlight 2 NT
 H=225	 H=247	 H=171	 H=110	 H=190	 H=198	 H=195	 H=280	 H=198
Kap Ø145	Pure Downlight 1 T	Kap Ø105	Decofix 1L Round	Light Soldier Fixed	Light Soldier Adjustable	Light Shooter	Light Supply	
 H=290	 H=195	 H=290	 H=186	 H=132	 H=132	 H=230	 H=350	



SOFT ARCHITECTURE | LINEAR

USP 01 18 15 DESIGNED BY FLOS SOFT ARCHITECTURE



Perfil modular de tecnología Soft para una instalación a techo que permite una perfecta integración del producto de Flos architectural. Para una configuración personal, puede añadir puntos de luz en la estructura. Consultar al equipo de ventas de Flos architectural.

2m
SA.2002.1

Terminal 1m /
Endcap 1m
SA.2005.1

Esquina / Corner
SA.2006.1

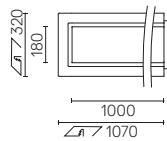
Soft technology ceiling-mounted modular profile, allowing for perfect integration of the Flos architectural product. For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.

Las referencias no incluyen los productos de Flos architectural.

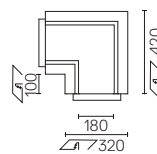
References do not include Flos architectural products.



Terminal / Endcap

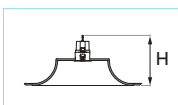


Esquina / Corner



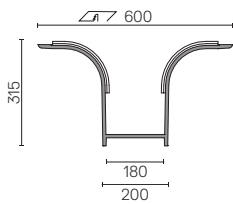
Productos Flos architectural Recomendados / Flos architectural Recommended Products

Light Sniper	Easy Kap	Wan Downlight	Wan Spot	Orbital 135	Pure Downlight 1 NT	Pure Downlight 2 T	Compass Ø162	Pure Downlight 2 NT
 H=325	 H=347	 H=271	 H=210	 H=290	 H=298	 H=295	 H=380	 H=298
Kap Ø145	Pure Downlight 1 T	Kap Ø105	Decofix 1L Round	Light Soldier Fixed	Light Soldier Adjustable	Light Shooter	Light Supply	
 H=390	 H=295	 H=390	 H=286	 H=232	 H=232	 H=330	 H=450	



SOFT ARCHITECTURE | LINEAR

USP 06 18 31 DESIGNED BY FLOS SOFT ARCHITECTURE



Perfil modular de tecnología Soft para una instalación a techo que permite una perfecta integración del producto de Flos architectural. Para una configuración personal, puede añadir puntos de luz en la estructura. Consultar al equipo de ventas de Flos architectural.

2m
SA.2142.1

Terminal 1m /
Endcap 1m
SA.2145.1

Esquina / Corner
SA.2146.1

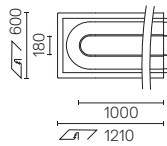
Soft technology ceiling-mounted modular profile, allowing for perfect integration of the Flos architectural product. For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.

Las referencias no incluyen los productos de Flos architectural.

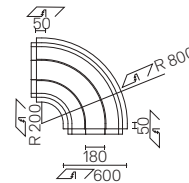
References do not include Flos architectural products.



Terminal / Endcap



Esquina / Corner

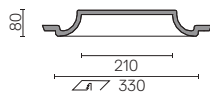


Productos Flos architectural Recomendados / Flos architectural Recommended Products

Light Sniper	Easy Kap	Wan Downlight	Wan Spot	Orbital 135	Pure Downlight 1 NT	Pure Downlight 2 T	Compass Ø162	Pure Downlight 2 NT
Kap Ø145	Pure Downlight 1 T	Kap Ø105	Decofix 1L Round	Light Soldier Fixed	Light Soldier Adjustable	Light Shooter	Light Supply	

SOFT ARCHITECTURE | LINEAR

USP 12 33 21 DESIGNED BY FLOS SOFT ARCHITECTURE



Perfil modular de tecnología Soft para una instalación a techo que permite una perfecta integración del producto de Flos architectural. Para una configuración personal, puede añadir puntos de luz en la estructura. Consultar al equipo de ventas de Flos architectural.

2m
SA.2112.1

Terminal 1m /
Endcap 1m
SA.2115.1

Esquina / Corner
SA.2116.1

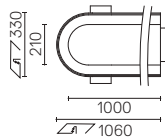
Soft technology ceiling-mounted modular profile, allowing for perfect integration of the Flos architectural product. For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.

Las referencias no incluyen los productos de Flos architectural.

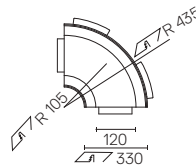
References do not include Flos architectural products.



Terminal / Endcap

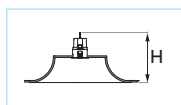


Esquina / Corner



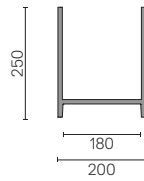
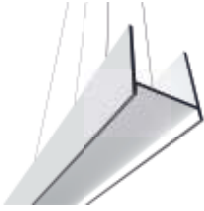
Productos Flos architectural Recomendados / Flos architectural Recommended Products

Light Sniper	Easy Kap	Wan Downlight	Wan Spot	Orbital 135	Pure Downlight 1 NT	Pure Downlight 2 T	Compass Ø162	Pure Downlight 2 NT
 H=245	 H=267	 H=191	 H=130	 H=210	 H=218	 H=215	 H=300	 H=218
Kap Ø145	Pure Downlight 1 T	Kap Ø105	Decofix 1L Round	Light Soldier Fixed	Light Soldier Adjustable	Light Shooter	Light Supply	
 H=310	 H=215	 H=310	 H=206	 H=152	 H=152	 H=250	 H=370	



SOFT ARCHITECTURE | LINEAR

USP 09 18 25 DESIGNED BY FLOS SOFT ARCHITECTURE



Perfil modular suspendido de tecnología Soft para una instalación a techo que permite instalar producto de Flos architectural. Para una configuración personal, puede añadir puntos de luz en la estructura. Consultar al equipo de ventas de Flos architectural.

2m
SA.2182.1

Terminal 1m /
Endcap 1m
SA.2185.1

Esquina / Corner
SA.2186.1

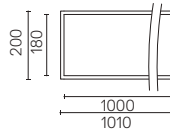
Soft technology suspended, ceiling-mounted modular profile, allowing for the installation of Flos architectural products. For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.

Las referencias no incluyen los productos de Flos architectural.

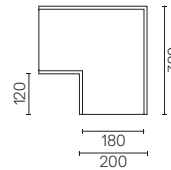
References do not include Flos architectural products.



Terminal / Endcap



Esquina / Corner

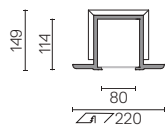


Productos Flos architectural Recomendados / Flos architectural Recommended Products

Light Sniper	Easy Kap	Wan Downlight	Wan Spot	Orbital 135	Pure Downlight 1 NT	Pure Downlight 2 T	Compass Ø162	Pure Downlight 2 NT
Kap Ø145	Pure Downlight 1 T	Kap Ø105	Decofix 1L Round	Light Soldier Fixed	Light Soldier Adjustable	Light Shooter	Light Supply	

SOFT ARCHITECTURE | LINEAR

USP T5 DIRECT LIGHT 02 08 12 DESIGNED BY FLOS SOFT ARCHITECTURE



Perfil modular de tecnología Soft para una instalación a techo. Sistemas de iluminación de fluorescencia no incluidos.

2m
SA.2032.1

Terminal 1m /
Endcap 1m
SA.2035.1

Soft technology ceiling-mounted modular profile. Fluorescence lighting systems not included.

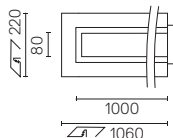
Esquina / Corner
SA.2036.1

Difusor 2m / Cover 2m
SA.2037.1

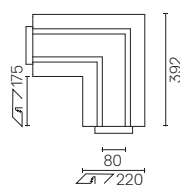
Difusor no incluido. Ver módulo T5. Página 500.
Cover not included. See T5 module. Page 500.



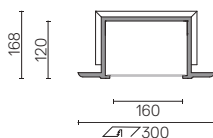
Terminal / Endcap



Esquina / Corner



USP T5 DIRECT LIGHT 02 16 12 DESIGNED BY FLOS SOFT ARCHITECTURE



Perfil modular de tecnología Soft para una instalación a techo. Sistemas de iluminación de fluorescencia no incluidos.

2m
SA.2022.1

Terminal 1m /
Endcap 1m
SA.2025.1

Soft technology ceiling-mounted modular profile. Fluorescence lighting systems not included.

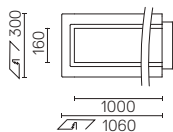
Esquina / Corner
SA.2026.1

Difusor 2m / Cover 2m
SA.2027.1

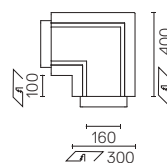
Difusor no incluido. Ver módulo T5. Página 500.
Cover not included. See T5 module. Page 500.



Terminal / Endcap

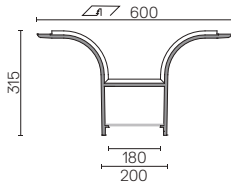


Esquina / Corner



SOFT ARCHITECTURE | LINEAR

USP T5 DIRECT LIGHT 06 16 31 DESIGNED BY FLOS SOFT ARCHITECTURE



Perfil modular de tecnología Soft para una instalación a techo. Sistemas de iluminación de fluorescencia no incluidos.

Soft technology ceiling-mounted modular profile. Fluorescence lighting systems not included.

2m
SA.2152.1

Terminal 1m /
Endcap 1m
SA.2155.1

Esquina / Corner
SA.2156.1

**Difusor 2m / Cover 2m
SA.2157.1

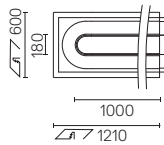
* En el terminal y en la esquina está incluido el difusor. Ver módulo T5. Página 500.

The cover is included in the endcap and in the corner. See T5 module. Page 500.

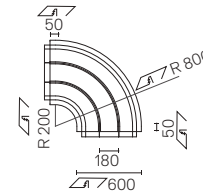


**Difusor no incluido. Cover not included.

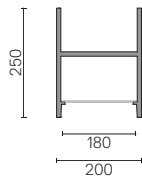
* Terminal / Endcap



* Esquina / Corner



USP T5 DIRECT LIGHT 09 16 25 DESIGNED BY FLOS SOFT ARCHITECTURE



Perfil modular de tecnología Soft suspendido para instalación a techo. Sistemas de iluminación de fluorescencia no incluidos.

Soft technology suspended, ceiling-mounted modular profile. Fluorescence lighting systems not included.

2m
SA.2192.1

Terminal 1m /
Endcap 1m
SA.2195.1

Esquina / Corner
SA.2196.1

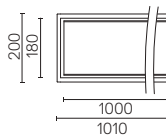
Difusor 2m / Cover 2m
SA.2197.1

Cable de suspensión de 4 metros de longitud. Difusor no incluido. Ver módulo T5. Página 500.

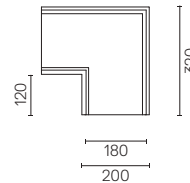
Suspension cable length 4 meters. Cover not included. See T5 module. Page 500.



Terminal / Endcap

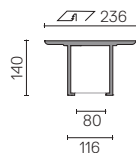


Esquina / Corner



SOFT ARCHITECTURE | LINEAR

USP T5 DIRECT LIGHT 11 08 12 DESIGNED BY FLOS SOFT ARCHITECTURE



Perfil modular de tecnología Soft para una instalación a techo. Sistemas de iluminación de fluorescencia no incluidos.

Soft technology ceiling-mounted modular profile. Fluorescence lighting systems not included.

2m
SA.2172.1

Terminal 1m /
Endcap 1m
SA.2175.1

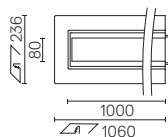
Esquina / Corner
SA.2176.1

Difusor 2m / Cover 2m
SA.2177.1

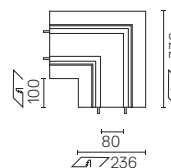
Difusor no incluido. Ver módulo T5. Página 500.
Cover not included. See T5 module. Page 500.



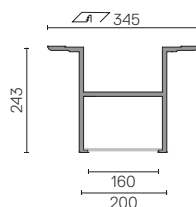
Terminal / Endcap



Esquina / Corner



USP T5 DIRECT LIGHT 11 16 12 DESIGNED BY FLOS SOFT ARCHITECTURE



Perfil modular de tecnología Soft para una instalación a techo. Sistemas de iluminación de fluorescencia no incluidos.

Soft technology ceiling-mounted modular profile. Fluorescence lighting systems not included.

2m
SA.2162.1

Terminal 1m /
Endcap 1m
SA.2165.1

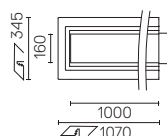
Esquina / Corner
SA.2166.1

Difusor 2m / Cover 2m
SA.2167.1

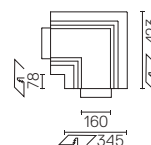
Difusor no incluido. Ver módulo T5. Página 500.
Cover not included. See T5 module. Page 500.



Terminal / Endcap



Esquina / Corner



SOFT ARCHITECTURE | LINEAR

USP T5 DIRECT LIGHT - T5 MODULE

For: Kapprofile - USP 02 08 12 - USP 02 16 12 - USP 06 16 31 - USP 09 16 25 - USP 11 08 12 - USP 11 16 12

Módulo Lineal Doble T5 Linear Module T5 Double



Referencia
Reference

Potencia (W)
Wattage (W)

Longitud (L)
Length (L)

* Número (N°)
Number (N°)

Módulo lineal T5 para iluminación óptima sin zonas oscuras mediante superposición de tubos. Los módulos están disponibles en versión regulable y para diferentes potencias T5 (alto rendimiento). Lámparas no incluidas.

Non Dimmable

08.8306.00
08.8307.00
08.8308.00

2x21
2x28
2x35

1025
1325
1625

9
9
9

Linear T5 module for optimal illumination without dark zones, which are avoided by the overlapping. The modules are available in a dimmable version, and for different T5 wattages (high efficiency). Lamp not included.

Dimmable 1-10V

08.8320.00
08.8321.00
08.8322.00

2x21
2x28
2x35

1025
1325
1625

9
9
9

Dimmable Dali

08.8314.00
08.8315.00
08.8316.00

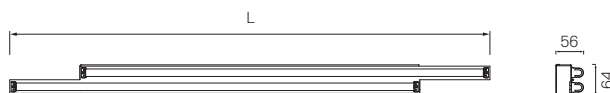
2x21
2x28
2x35

1025
1325
1625

9
9
9

* N°: Número máximo de módulos conectados en una línea.
N°: Maximum number of modules connected in one line.

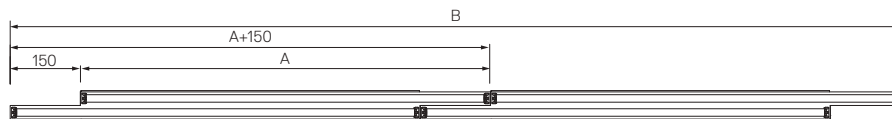
Módulo Lineal Doble T5 Esquema Constructivo Linear Module T5 Double Scheme



Módulo Lineal Doble T5 Esquema de Conexión Linear Module T5 Double Connection

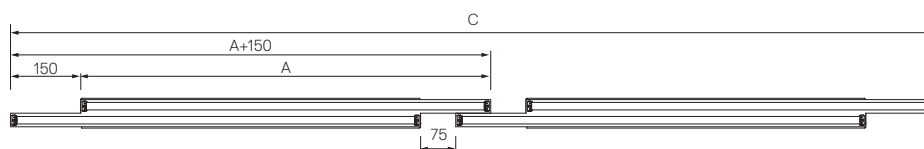
Superposición Máxima / Maximum Overlapping

Potencia Wattage (W)	A	B	* Número Number (N°)
2x21	875	1900	9
2x28	1175	2500	9
2x35	1475	3100	9



Superposición Mínima / Minimum Overlapping

Potencia Wattage (W)	A	C	* Número Number (N°)
2x21	875	1975	9
2x28	1175	2575	9
2x35	1475	3175	9



Accesorios Accessories

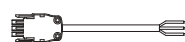
Cable de alimentación con conexión hembra. Tres polos, longitud: 250mm. Solo para versiones no regulables. Debe pedirse por separado.



08.8330.00

Feed cable with female plug. Three poles, length: 250mm. Only for Not Dimmable versions. Must be ordered separately.

Cable de alimentación con conexión hembra. Tres polos, longitud: 250mm. Cable de alimentación para la señal 1-10V / DALI, incluido. Debe pedirse por separado.

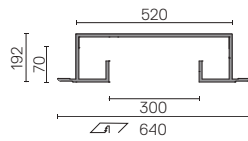


08.8356.00

Feed cable with female plug. Three poles, length: 250mm. Feed cable for signal 1-10V / DALI included. Must be ordered separately.

SOFT ARCHITECTURE | LINEAR

USP INDIRECT LIGHT 13 15 25 DESIGNED BY FLOS SOFT ARCHITECTURE



Perfil modular de tecnología Soft para instalación a techo que permite instalar producto de Flos arquitectural y sistemas de iluminación indirecta de LED o fluorescencia. Sistemas de iluminación no incluidos. Para una configuración personal, puede añadir puntos de luz en la estructura. Consultar al equipo de ventas de Flos arquitectural.

- 2m SA.2122.1
- Terminal 1m / Endcap 1m SA.2125.1
- Esquina / Corner SA.2126.1

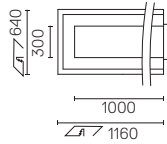
Soft technology ceiling-mounted modular profile, allowing for the installation of Flos architectural products and indirect LED or fluorescence lighting systems. Lighting systems not included. For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.

Las referencias no incluyen los productos de Flos arquitectural. Ver módulo T5, páginas 506-507 y controladores LED, páginas 508-509.

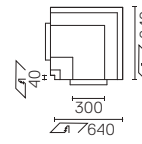
References do not include Flos architectural products. See T5 module, pages 506-507 and LED drivers, pages 508-509.



Terminal / Endcap



Esquina / Corner

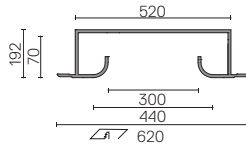


Productos Flos arquitectural Recomendados / Flos architectural Recommended Products

Light Sniper	Easy Kap	Wan Downlight	Wan Spot	Orbital 135	Pure Downlight 1 NT	Pure Downlight 2 T	Compass Ø162	Pure Downlight 2 NT	
									
H=357	H=379	H=303	H=242	H=322	H=330	H=327	H=412	H=330	
Pure Downlight 3 T	Downtown Ø215	Ecolight	Pure Downlight 3 NT	Kap Ø145	Pure Downlight 1 T	Kap Ø105	Decofix 1L Round	Light Soldier Fixed	
									
H=335	H=329	H=342	H=335	H=422	H=327	H=422	H=318	H=264	
Light Soldier Adjustable	Light Shooter	Light Supply							
									
H=264	H=362	H=482							

SOFT ARCHITECTURE | LINEAR

USP INDIRECT LIGHT 14 15 25 DESIGNED BY FLOS SOFT ARCHITECTURE



Perfil modular de tecnología Soft para instalación a techo que permite instalar producto de Flos arquitectural y sistemas de iluminación indirecta de LED o fluorescencia. Sistemas de iluminación no incluidos. Para una configuración personal, puede añadir puntos de luz en la estructura. Consultar al equipo de ventas de Flos arquitectural.

- 2m SA.2132.1
- Terminal 1m / Endcap 1m SA.2135.1
- Esquina / Corner SA.2136.1
- Esquina Redonda / Corner Round SA.2138.1

Soft technology ceiling-mounted modular profile, allowing for the installation of Flos architectural products and indirect LED or fluorescence lighting systems. Lighting systems not included. For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.

Las referencias no incluyen los productos de Flos arquitectural. Ver módulo T5, páginas 506-507 y controladores LED, páginas 508-509.

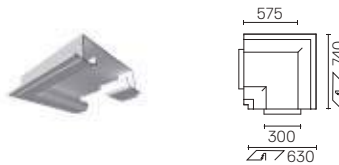
References do not include Flos architectural products. See T5 module, pages 506-507 and LED drivers, pages 508-509.



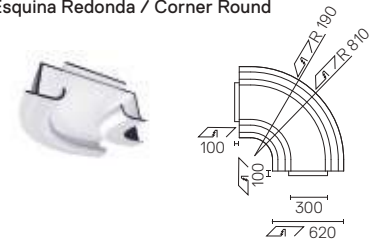
Terminal / Endcap



Esquina / Corner



Esquina Redonda / Corner Round

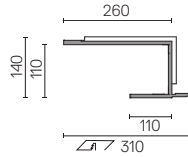


Productos Flos arquitectural Recomendados / Flos architectural Recommended Products

Light Sniper	Easy Kap	Wan Downlight	Wan Spot	Orbital 135	Pure Downlight 1 NT	Pure Downlight 2 T	Compass Ø162	Pure Downlight 2 NT	
 H=357	 H=379	 H=303	 H=242	 H=322	 H=330	 H=327	 H=412	 H=330	
Pure Downlight 3 T	Downtown Ø215	Ecolight	Pure Downlight 3 NT	Kap Ø145	Pure Downlight 1 T	Kap Ø105	Decofix 1L Round	Light Soldier Fixed	
 H=335	 H=329	 H=342	 H=335	 H=422	 H=327	 H=422	 H=318	 H=264	
Light Soldier Adjustable	Light Shooter	Light Supply							
 H=264	 H=362	 H=482							

SOFT ARCHITECTURE | LINEAR

USP INDIRECT LIGHT 03 15 25 DESIGNED BY FLOS SOFT ARCHITECTURE



Perfil modular de tecnología Soft que permite instalar sistemas de iluminación indirecta de LED o fluorescencia, no incluidas.

Soft technology ceiling-mounted modular profile, allowing for the installation of indirect LED or fluorescence lighting Systems, not included.

2m
SA.2072.1

Terminal Izquierdo 1m /
Endcap Left 1m
SA.2074.1

Terminal Derecho 1m /
Endcap Right 1m
SA.2075.1

Esquina Interior /
Corner Inside
SA.2076.1

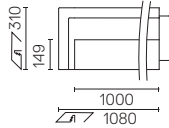
Esquina Exterior /
Corner Outside
SA.2078.1

Ver módulo T5, páginas 506-507 y controladores LED, páginas 508-509.

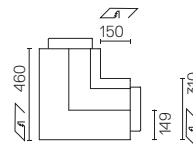
See T5 module, pages 506-507 and LED drivers, pages 508-509.



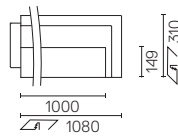
Terminal Izquierdo / Endcap Left



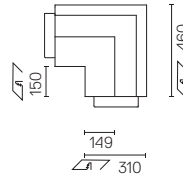
Esquina Interior / Corner Inside



Terminal Derecho / Endcap Right

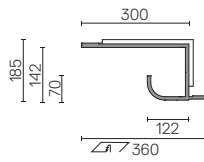


Esquina Exterior / Corner Outside



SOFT ARCHITECTURE | LINEAR

USP INDIRECT LIGHT 07 15 25 DESIGNED BY FLOS SOFT ARCHITECTURE



Perfil modular de tecnología Soft que permite instalar sistemas de iluminación indirecta de LED o fluorescencia, no incluidas.

Soft technology ceiling-mounted modular profile, allowing for the installation of indirect LED or fluorescence lighting Systems, not included.

2m
SA.2082.1

Terminal Izquierdo 1m /
Endcap Left 1m
SA.2084.1

Terminal Derecho 1m /
Endcap Right 1m
SA.2085.1

Esquina Interior /
Corner Inside
SA.2086.1

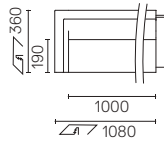
Esquina Exterior /
Corner Outside
SA.2088.1

Ver módulo T5, páginas 506-507 y controladores LED, páginas 508-509.

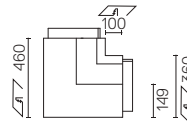
See T5 module, pages 506-507 and LED drivers, pages 508-509.



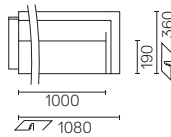
Terminal Izquierdo / Endcap Left



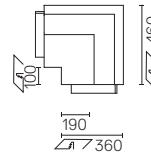
Esquina Interior / Corner Inside



Terminal Derecho / Endcap Right

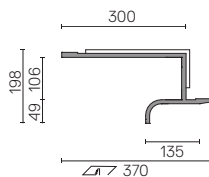


Esquina Exterior / Corner Outside



SOFT ARCHITECTURE | LINEAR

USP INDIRECT LIGHT 08 15 25 DESIGNED BY FLOS SOFT ARCHITECTURE



Perfil modular de tecnología Soft que permite instalar sistemas de iluminación indirecta de LED o fluorescencia, no incluidas.

Soft technology ceiling-mounted modular profile, allowing for the installation of indirect LED or fluorescence lighting Systems, not included.

2m

SA.2092.1

Terminal Izquierdo 1m / Endcap Left 1m SA.2094.1

Terminal Derecho 1m / Endcap Right 1m SA.2095.1

Esquina Interior / Corner Inside SA.2096.1

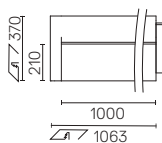
Esquina Exterior / Corner Outside SA.2098.1

Ver módulo T5, páginas 506-507 y controladores LED, páginas 508-509.

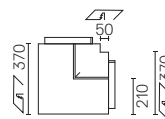
See T5 module, pages 506-507 and LED drivers, pages 508-509.



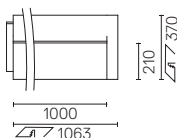
Terminal Izquierdo / Endcap Left



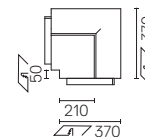
Esquina Interior / Corner Inside



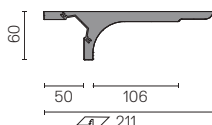
Terminal Derecho / Endcap Right



Esquina Exterior / Corner Outside



USP INDIRECT LIGHT 10 05 05 DESIGNED BY FLOS SOFT ARCHITECTURE



Perfil modular de tecnología Soft que permite instalar sistemas de iluminación indirecta de LED no incluida.

Soft technology ceiling-mounted modular profile, allowing for the installation of indirect LED lighting Systems, not included.

2m

SA.2102.1

Esquina Interior / Corner Inside SA.2106.1

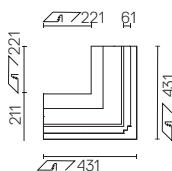
Esquina Exterior / Corner Outside SA.2108.1

Ver controladores LED, páginas 508-509.

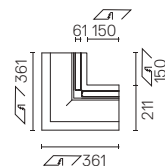
See LED drivers, pages 508-509 .



Terminal Izquierdo / Endcap Left



Esquina Interior / Corner Inside



SOFT ARCHITECTURE | LINEAR

USP INDIRECT LIGHT - T5 MODULE

For: USP 13 15 25 - USP 14 15 25 - USP 03 15 25 - USP 07 15 25 - USP 08 15 25

Módulo Lineal Individual T5 Linear Module T5 Single	T5 FH	Referencia Reference	Potencia (W) Wattage (W)	Longitud (L) Lenght (L)	*Número (N°) Number (N°)
Módulo lineal T5 para iluminación óptima sin zonas oscuras mediante superposición de tubos. Los módulos están disponibles en versión regulable y para diferentes potencias T5 (alto rendimiento). Lámparas no incluidas.		Non Dimmable 08.8300.00 08.8301.00 08.8302.00 08.8303.00	1x14 1x21 1x28 1x35	575 875 1175 1475	16 16 16 16
Linear T5 module for optimal illumination without dark zones, which are avoided by the overlapping. The modules are available in a dimmable version, and for different T5 wattages (high efficiency). Lamp not included.		Dimmable 1-10V 08.8317.00 08.8318.00 08.8319.00	1x21 1x28 1x35	875 1175 1475	16 16 16
		Dimmable Dali 08.8311.00 08.8312.00 08.8313.00	1x21 1x28 1x35	875 1175 1475	16 16 16
Módulo Lineal Individual T5 Linear Module T5 Single	T5 FQ	Referencia Reference	Potencia (W) Wattage (W)	Longitud (L) Lenght (L)	*Número (N°) Number (N°)
Módulo lineal T5 para iluminación óptima sin zonas oscuras mediante superposición de tubos. Los módulos están disponibles en versión regulable y para diferentes potencias T5 (alto rendimiento). Lámparas no incluidas.		Non Dimmable 08.8329.00 08.8337.00 08.8304.00 08.8305.00	1x24 1x39 1x54 1x80	575 875 1175 1475	16 16 14 9
Linear T5 module for optimal illumination without dark zones, which are avoided by the overlapping. The modules are available in a dimmable version, and for different T5 wattages (high efficiency). Lamp not included.		Dimmable 1-10V 08.8344.00 08.8345.00 08.8342.00	1x39 1x54 1x80	875 1175 1475	16 14 9
		Dimmable Dali 08.8311.00 08.8312.00 08.8313.00	1x39 1x54 1x80	875 1175 1475	16 14 9

* N°: Número máximo de módulos conectados en una línea.

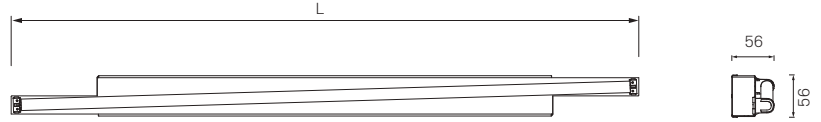
N°: Maximum number of modules connected in one line.

SOFT ARCHITECTURE | LINEAR

USP INDIRECT LIGHT - T5 MODULE

For: USP 13 15 25 - USP 14 15 25 - USP 03 15 25 - USP 07 15 25 - USP 08 15 25

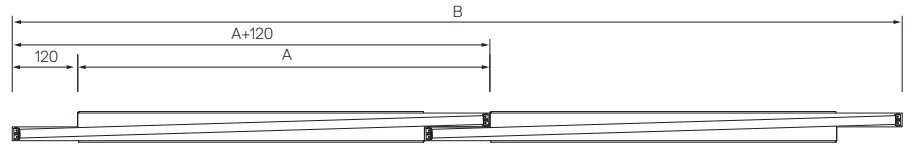
Módulo Lineal Individual T5 Esquema Constructivo Linear Module T5 Single Scheme



Módulo Lineal Individual T5 Esquema de Conexión Linear Module T5 Single Connection

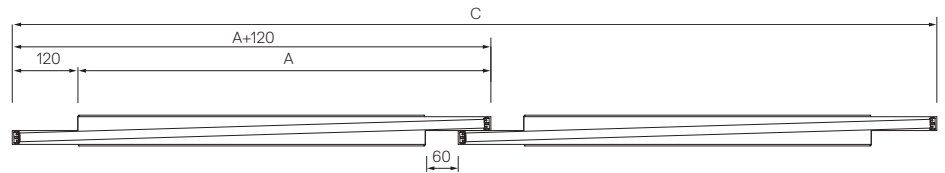
Superposición Máxima / Maximum Overlapping

Potencia Wattage (W)	A	B	*Número Number (N°)
1x14	455	1030	16
1x21	755	1630	16
1x28	1055	2230	16
1x35	1355	2830	16
1x24	455	1030	14
1x39	755	1630	9
1x54	1055	2230	9
1x80	1355	2830	9



Superposición Mínima / Minimum Overlapping

Potencia Wattage (W)	A	C	*Número Number (N°)
1x14	455	1090	16
1x21	755	1690	16
1x28	1055	2290	16
1x35	1355	2890	16
1x24	455	1090	14
1x39	755	1690	9
1x54	1055	2290	9
1x80	1355	2890	9



Accesorios Accessories

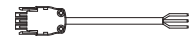
Cable de alimentación con conexión hembra. Tres polos, longitud: 250mm. Sólo para versiones no regulables. Debe pedirse por separado.



08.8330.00

Feed cable with female plug. Three poles, length: 250mm. Only for Not Dimmable versions. Must be ordered separately.

Cable de alimentación con conexión hembra. Tres polos, longitud: 250mm. Cable de alimentación para la señal 1-10V/DALI, incluido. Debe pedirse por separado.



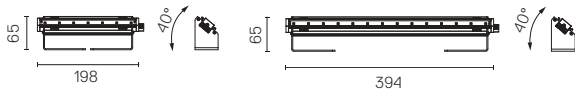
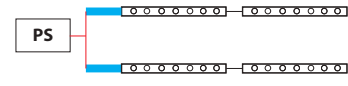
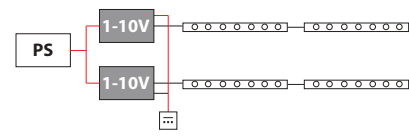
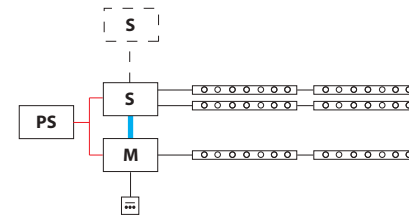
08.8356.00

Feed cable with female plug. Three poles, length: 250mm. Feed cable for signal 1-10V/DALI included. Must be ordered separately.

SOFT ARCHITECTURE | LINEAR

LED DRIVERS

For: USP 13 15 25 - USP 14 15 25 - USP 03 15 25 - USP 07 15 25 - USP 08 15 25

<p>Módulo LED Lineal Linear Module LED</p>  <p>Módulo LED para una óptima iluminación indirecta. Conexiones Tyco macho/hembra para una fácil conexión eléctrica en ambos lados. Puede ser enganchado directamente al Perfil.</p> <p>LED module for optimal indirect illumination. Tyco connections male/female for easy electrical connection in both sides. Can be clipped directly to the Profile.</p>	<p>White</p> <p>08.8514.00 3,5W 228 lm 3000K CRI 85</p> <p>08.8515.00 7W 456 lm 3000K CRI 85</p>		<p>RGB</p> <p>08.8334.00A 1,7W 77 lm CRI>90</p> <p>08.8332.00A 3,5W 154 lm CRI>90</p>
<p>Non Dimmable</p>  <p>Cableado Wiring</p> <p>500mm de cable de alimentación para módulos LED blancos con conexión rápida. Es necesario uno por cada línea LED (dos por cada Perfil). Máximo por cada cable de alimentación: 3 metros lineales LED. Unidad de alimentación electrónica no incluida.</p> <p>500mm feed cable for white LED modules with fast connection. Necessary one for each LED line (two for each Profile). Maximum for each feed cable: 3 LED line meters. Electronic power supply not included.</p>	<p>White</p> <p>06.1016.00</p>		
<p>Dimmable 1-10V</p>  <p>Interfaz Regulable Dimmable Interface</p> <p>Interfaz de 1-10V con dos cables de alimentación de 500mm para módulos LED blancos con conexión rápida. Máximo por cada interfaz: 6 metros de LED. Unidad de alimentación electrónica no incluida.</p> <p>1-10V interface with two 500mm feed cable for white LED modules with fast connection. Maximum for each interface: 6 LED meters. Electronic power supply not included.</p>	<p>White</p> <p>06.1022.00</p> <p>1-10V</p>		
<p>Interfaces Regulables Dimmable Interfaces</p>  <p>Interfaz "Master" Dali con un distribuidor de 5 polos y dos cables de alimentación de 500mm para una fácil conexión. Unidad de alimentación electrónica no incluida.</p> <p>Dali Master interface with one 5 pole distributor and two 500mm feed cable for easy connection. Electronic power supply not included.</p>	<p>White</p> <p>06.1023.00</p> <p>M</p>		<p>RGB</p> <p>06.1025.00</p> <p>M</p>
<p>Interfaz "Master" DMX con distribuidor de 5 polos y dos cables de alimentación de 500mm para una fácil conexión. Unidad de alimentación electrónica no incluida.</p> <p>DMX Master interface with 5 pole distributor and two 500mm feed cable for easy connection. Electronic power supply not included.</p>			<p>06.1026.00</p> <p>M</p>
<p>Interfaz "Master" RGB Radio Frecuencia (RF) con distribuidor de 5 polos y dos cables de alimentación de 500mm para una fácil conexión. Transmisor de pared integrado para crear cambios de color. Unidad de alimentación electrónica no incluida.</p> <p>Radio Frequency (RF) RGB Master interface with 5 pole distributor and two 500mm feed cable for easy connection. Wall transmitter to make color changing integrated. Electronic power supply not included.</p>			<p>06.1027.00</p> <p>M</p>

— El instalador lo suministra / Installer provides






SOFT ARCHITECTURE | LINEAR

LED DRIVERS

For: USP 13 15 25 - USP 14 15 25 - USP 03 15 25 - USP 07 15 25 - USP 08 15 25











Interfaces Regulables Dimmable Interfaces		White	RGB
Interfaz "Slave" para ampliar la señal con dos distribuidores de 5 polos y cuatro cables de alimentación de 500mm para una fácil conexión. Unidad de alimentación electrónica no incluida. Slave interface to expand the signal with two 5 pole distributors and four 500mm feed cable for easy connection. Electronic power supply not included.		06.1024.00 S	06.1028.00 S
2 metros de prolongación de cable para módulos LED con conexión rápida. Pueden conectarse entre sí para una mayor longitud. 20 metros máximo. 2 meters prolongation cable for LED modules with fast connection. Can be connected with each other to greater length. 20 meters max.		08.8297.00	08.8298.00
Unidad de Alimentación / Power Supply			
Instalación en Falso Techo Installation in False Ceiling	PS	Instalación Remota en Cuadro Eléctrico Remote Installation Electrical Panel	PS
Electrónica 20W / Electronic 20W Fuente de alimentación / Power supply LED. 20W – 24V. 100-240V, 50-60Hz.	60.8495	Electrónica 150W / Electronic 150W Fuente de alimentación / Power supply LED. 150W – 24V. 100-240V, 50-60Hz.	60.8220
Electrónica 60W / Electronic 60W Fuente de alimentación / Power supply LED. 60W – 24V. 100-240V, 50-60Hz.	60.8496	Electrónica 240W / Electronic 240W Fuente de alimentación / Power supply LED. 240W – 24V. 100-240V, 50-60Hz.	60.8268
Electrónica 100W / Electronic 100W Fuente de alimentación / Power supply LED. 100W – 24V. 100-240V, 50-60Hz.	60.8497	Electrónica 480W / Electronic 480W Fuente de alimentación / Power supply LED. 480W – 24V. 100-240V, 50-60Hz.	60.8452
		Electrónica 750W / Electronic 750W Fuente de alimentación / Power supply LED. 750W – 24V. 100-240V, 50-60Hz.	60.8453

Tablas de Instalación / Installation Guidelines

	White							RGB							
	20W	60W	100W	150W	240W	480W	750W	20W	60W	100W	150W	240W	480W	750W	
Longitud máxima de LED* Max lenght LED*	1m	3,5m	5,5m	8m	13m	27m	42m	2m	8m	12m	20m	34m	68m	107m	
Sección de cable (el instalador lo suministra) Cable section (installer provides)	0,5mm²	0,5mm²	0,75mm²	0,75mm²	1mm²	2,5mm²	6mm²	0,5mm²	0,5mm²	0,75mm²	0,75mm²	1mm²	2,5mm²	6mm²	
Distancia máxima Max distance		5m	10m	15m	30m	50m	100m	250m	5m	10m	15m	30m	50m	100m	250m
Distancia máxima Max distance		20m						20m							
Distancia máxima Max distance		20m						20m							
Máxima longitud módulos LED conectados con Max lenght LED connected to		2m						7m							
Máxima longitud módulos LED conectados con Max lenght LED connected to		4m						14m							

* Atención: Para USP 13 15 25 y USP 14 15 25, 2x longitud de LED = longitud de perfil.

Beware: For USP 13 15 25 and USP 14 15 25, 2x LED lenght = profile lenght.

JUNCOS	Juncos 1L	Juncos 3L	Juncos 6L	Juncos 9L		
						
WALL PIERCING	Wall Piercing 1X	Wall Piercing 2X	Wall Piercing 4X	Wall Piercing 2X Line	BENGUERRA	Benguerra Square
						
SOFT SPUN	Soft Spun Halogen Small	Soft Spun Halogen Large	Soft Spun Fluorescent Small	Soft Spun Fluorescent Large	Soft Spun LED Small	Soft Spun LED Large
						
ABAJOURD'HUI		Abajourd'hui Small		Abajourd'hui Large		
						
USL 3D		USL 800	USL 1000	USL 1400		USL 160 71
						
USL 111		USL 111 Suspension		USL 111 Recessed		
						
USL PLUTO		USL 100 Pluto		USL 200 Pluto		
						

JUNCOS DESIGNED BY FLOS SOFT ARCHITECTURE

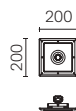
JUNCOS 1L



Producto precableado para su conexión a corriente constante.

Pre-wired product to be connected to constant current.

Equipo recomendado:
Recommended power supply: 60.8655.



Luminaria LED de interiores semiempotrada que combinada con la tecnología Soft Architecture se integra perfectamente en el espacio arquitectural. Fuente de alimentación no incluida.

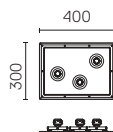
Semi-recessed LED luminaire for indoor applications. Seamless integration in the architectural environment by Soft Architecture technology. Power supply not included.

Juncos 1L
Placa Soft / Soft Plate
 SA.5200.5.120

[JUNCOS 3L]



Equipo recomendado:
Recommended power supply: 60.8655.

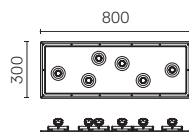


Juncos 3L
Placa Soft / Soft Plate
 SA.5201.5.120

[JUNCOS 6L]

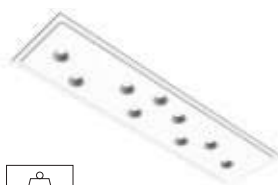


Equipo recomendado:
Recommended power supply: 60.8656.

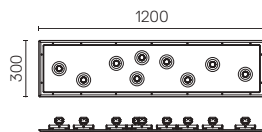


Juncos 6L
Placa Soft / Soft Plate
 SA.5202.5.120

[JUNCOS 9L]



Equipo recomendado:
Recommended power supply: 60.8656.



Juncos 9L
Placa Soft / Soft Plate
 SA.5203.5.120

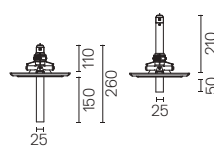
[Producto precableado en serie para su conexión a corriente constante.
Pre-wired product for serial connection to constant current.]

SOFT ARCHITECTURE | 3D

JUNCO 250 mm

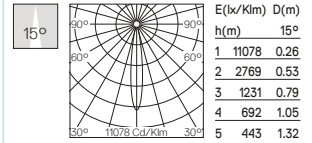


POWER LED
DC 700 mA
2,1W
216 lm
3000K
CRI 80



Luminaria que ofrece gran versatilidad. Individualmente orientable y nivel de empotramiento regulable. Disponible en acabado negro, blanco y cromo.

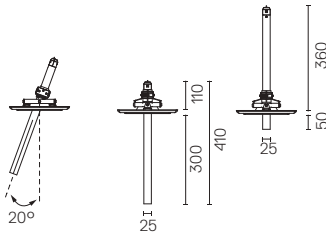
- Junco 250mm
3000K
- ☐ 08.8590.40A
 - ◐ 08.8590.06A
 - 08.8590.AAA
- 2700K
- ☐ 08.8595.40A
 - ◐ 08.8595.06A
 - 08.8595.AAA



JUNCO 400 mm



2,1W
182 lm
2700K
CRI 90



Luminaire that offers many possibilities. Can be individually focused and their recessed height is adjustable. Available in a black, white and chrome finish.

- Junco 400mm
3000K
- ☐ 08.8591.40A
 - ◐ 08.8591.06A
 - 08.8591.AAA
- 2700K
- ☐ 08.8596.40A
 - ◐ 08.8596.06A
 - 08.8596.AAA



LED INCL.
NOT REPLACEABLE

Equipos Drivers	Fuente de alimentación de corriente constante	Imagen	Código
	<p>Fuente de alimentación de corriente constante 17W, 700mA - 100/240V - 50/60Hz.</p> <p>Non dimmable continuous current power supply of 17W, 700mA - 100/240V - 50/60Hz.</p>		60.8655
	<p>Fuente de alimentación de corriente constante 32W, 350/500/700mA - 220/240V - 50/60Hz.</p> <p>Non dimmable continuous current power supply of 32W, 350/500/700mA - 220/240V - 50/60Hz.</p>		60.8656
	<p>Fuente de alimentación de corriente constante 25W, 120-240V / 50-60Hz con corriente de alimentación seleccionable mediante switch 350/500/700 mA regulable 1-10V o push dimming.</p> <p>Continuous current power supply of 25W, 120-240V - 50/60Hz with power current selected through adjustable 350/ 500/700 mA 1-10V switch or push dimming.</p>		60.8533

DISTANCIA MÁXIMA DEL EQUIPO DE LED / MAX. DISTANCE FROM LED DRIVER			
Equipo de corriente constante / Constant current driver (700mA)			
Distancia / Distance	10 m	20 m	50 m
Sección de cable / Cable section	0,5mm ²	1mm ²	2,5mm ²

SOFT ARCHITECTURE | 3D

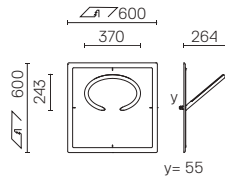
WALL PIERCING 1X DESIGNED BY RON GILAD



LED WHITE
1x6,4W
416 lm
2700K
CRI>90



LED RGB
1x7,4W
RGB



Luminaria semi-empotrada para ser instalada a techo o pared. Disponible en versiones de LED blanco o RGB. Equipo y controladores no incluidos.

LED White
SA.5020.5A120
SA.5020.5A180

LED RGB
SA.5020.6A120
SA.5020.6A180

Soft technology semi-recessed luminaire for ceiling or wall mounting. Available in white LED or RGB versions. Control gear not included.

Módulos LED incluidos. Para unidad de alimentación e interfaz regulable ver controladores LED. Páginas 516-517.

LED modules included. For power supply and dimming interface see LED drivers. Pages 516-517.



LED INCL.
NOT REPLACEABLE

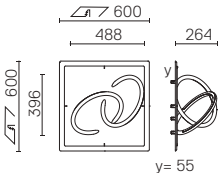
WALL PIERCING 2X DESIGNED BY RON GILAD



LED WHITE
2x6,4W
2x416 lm
2700K
CRI>90



LED RGB
2x7,4W
RGB



Luminaria semi-empotrada para ser instalada a techo o pared. Disponible en versiones de LED blanco o RGB. Equipo y controladores no incluidos.

LED White
SA.5021.5A120
SA.5021.5A180

LED RGB
SA.5021.6A120
SA.5021.6A180

Soft technology semi-recessed luminaire for ceiling or wall mounting. Available in white LED or RGB versions. Control gear not included.

Módulos LED incluidos. Para unidad de alimentación e interfaz regulable ver controladores LED. Páginas 516-517.

LED modules included. For power supply and dimming interface see LED drivers. Pages 516-517.



LED INCL.
NOT REPLACEABLE

Premios
Awards



SOFT ARCHITECTURE | 3D

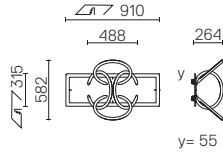
WALL PIERCING 4X DESIGNED BY RON GILAD



LED WHITE
4x6, 4W
4x416 1m
2700K
CRI>90



LED RGB
4x7, 4W
RGB



Luminaria semi-empotrada para ser instalada a techo o pared. Disponible en versiones de LED blanco o RGB. Equipo y controladores no incluidos.

LED White
SA.5022.5A120
SA.5022.5A180

LED RGB
SA.5022.6A120
SA.5022.6A180

Soft technology semi-recessed luminaire for ceiling or wall mounting. Available in white LED or RGB versions. Control gear not included.

Módulos LED incluidos. Para unidad de alimentación e interfaz regulable ver controladores LED. Páginas 516-517.

LED modules included. For power supply and dimming interface see LED drivers. Pages 516-517.



LED INCL.
NOT REPLACEABLE

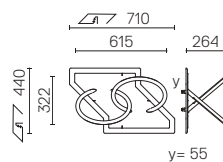
WALL PIERCING 2X LINE DESIGNED BY RON GILAD



LED WHITE
2x6, 4W
2x416 1m
2700K
CRI>90



LED RGB
2x7, 4W
RGB



Luminaria semi-empotrada para ser instalada a techo o pared. Disponible en versiones de LED blanco o RGB. Equipo y controladores no incluidos.

LED White
SA.5023.5A120
SA.5023.5A180

LED RGB
SA.5023.6A120
SA.5023.6A180

Soft technology semi-recessed luminaire for ceiling or wall mounting. Available in white LED or RGB versions. Control gear not included.

Módulos LED incluidos. Para unidad de alimentación e interfaz regulable ver controladores LED. Páginas 516-517.

LED modules included. For power supply and dimming interface see LED drivers. Pages 516-517.



LED INCL.
NOT REPLACEABLE

Premios
Awards




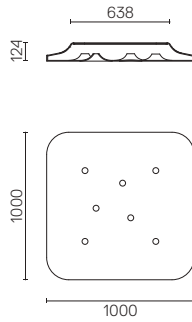
SOFT ARCHITECTURE | 3D

BENGUERRA SQUARE DESIGNED BY ANTONIO CITTERIO




QR-CBC-51
7xGU5.3
MAX 50W


TC-L
4x2G11
24W



Sistema de iluminación directa/indirecta para ser instalado a techo. Iluminación directa con lámparas halógenas de 12V e indirecta con lámparas fluorescentes. Equipos no dimables incluidos. Cable de suspensión de 4 metros de longitud.

SA.4017.1

Direct/indirect ceiling-mounted lighting system. Direct lighting with 12V halogen lamps and indirect lighting with fluorescent lamps. Non-dimmable gear included. Suspension cable length 4 meters.

Equipos Electrónicos:

Para QR-CBC 51, transformador electrónico 220-240V / 50-60Hz integrado.

Para TC-L, balasto electrónico 220-240V / 50-60Hz integrado.

Electrical:

For QR-CBC 51, electronic transformer 220-240V / 50-60Hz integrated.

For TC-L, electronic ballast 220-240V / 50-60Hz integrated.

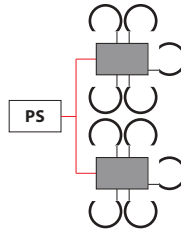


SOFT ARCHITECTURE | 3D

LED DRIVERS

For Wall Piercing

Non Dimmable



**Cableado
Wiring**

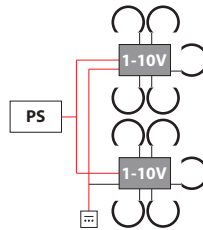
Distribuidor macho de 5 polos para una fácil conexión con cable de alimentación. Posibilidad de conectar hasta 5 Wall Piercings. Unidad de alimentación electrónica no incluida.

5 male pole distributor for easy connection with feed cable. It's able to connect up to 5 Wall Piercings. Electronic power supply not included.

White

06.1003.00

Dimmable 1-10V



**Interfaz Regulable
Dimmable Interface**

Interfaz de 1-10V. Distribuidor de 5 polos para una fácil conexión integrada. Posibilidad de conectar hasta 5 Wall Piercings. Unidad de alimentación electrónica no incluida.

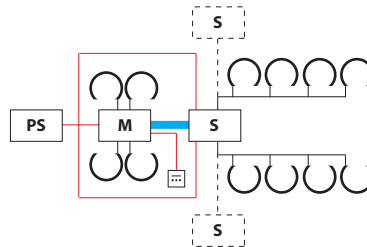
1-10V interface. 5 pole distributor for easy connection integrated. It's able to connect up to 5 Wall Piercings. Electronic power supply not included.

White

06.1011.00

1-10V

**Interfaces Regulables
Dimmable Interfaces**



Interfaz "Master" DALI con distribuidor de 5 polos para una fácil conexión integrada. Posibilidad de controlar hasta 5 Wall Piercing. Si existen más Wall Piercings en la misma instalación, es necesario ampliar la señal con interfaces "Slave". Unidad de alimentación electrónica no incluida.

DALI Master interface with 5 pole distributor for easy connection integrated. It's able to control up to 5 Wall Piercing. If more Wall Piercings are in the same installation it's necessary to expand the signal with Slave interfaces. Electronic power supply not included.

White

06.1019.00

M

RGB

06.1012.00

M

Interfaz "Master" DMX con distribuidor de 5 polos para una fácil conexión integrada 06.1005.00. Posibilidad de controlar hasta 5 Wall Piercings. Si existen más Wall Piercings en la misma instalación, es necesario ampliar la señal con interfaces "Slave". Unidad de alimentación electrónica no incluida.

DMX Master interface with 5 pole distributor for easy connection integrated. It's able to control up to 5 wall piercing. If more Wall Piercings are in the same installation it's necessary to expand the signal with Slave interfaces. Electronic power supply not included.

06.1005.00

M

— El instalador lo suministra / Installer provides

SOFT ARCHITECTURE | 3D

LED DRIVERS

For Wall Piercing




<p>Interfaces Regulables Dimmable Interfaces</p> <p>Interfaz "Master" RGB Radio Frecuencia (RF) con distribuidor de 5 polos para una fácil conexión integrada. Transmisor de pared integrado para crear cambios de color. Posibilidad de controlar hasta 5 productos Wall Piercings. Si existen más Wall Piercings en la misma instalación, es necesario ampliar la señal con interfaces "Slave". Unidad de alimentación electrónica no incluida.</p> <p>Radio Frequency (RF) RGB Master interface with 5 pole distributor for easy connection integrated. Wall transmitter to make color changing integrated. It's able to control up to 5 Wall Piercings. If more Wall Piercings are in the same installation it's necessary to expand the signal with Slave interfaces. Electronic power supply not included.</p>	<p>White</p>	<p>RGB</p> <p>06.1013.00</p> <p>M</p>
<p>Interfaz "Slave" para ampliar la señal DALI/DMX/RF con dos distribuidores de 5 polos para una fácil conexión. Posibilidad de ampliar la señal "Master" en 10 Wall Piercings. Si existen más Wall Piercings en la misma instalación, es necesario ampliar la señal con más interfaces "Slave". Unidad de alimentación electrónica no incluida.</p> <p>Slave interface to expand the DALI/DMX/RF signal with two 5 pole distributors for easy connection. It's able to expand the Master signal in 10 Wall Piercings. If more Wall Piercings are in the same installation it's necessary to expand the signal with more Slave interfaces. Electronic power supply not included.</p>	<p>06.1020.00</p> <p>S</p>	<p>06.1014.00</p> <p>S</p>
<p>2 metros de prolongación de cable para módulos LED con conexión rápida. Pueden conectarse entre sí para una mayor longitud. 20 metros máximo.</p> <p>2 meters prolongation cable for LED modules with fast connection. Can be connected with each other to greater length. 20 meters max.</p>	<p>08.8297.00</p>	<p>08.8298.00</p>

Unidad de Alimentación / Power Supply

<p>Instalación en Falso Techo Installation in False Ceiling</p>	<p>PS</p>	<p>Instalación Remota en Cuadro Eléctrico Remote Installation Electrical Panel</p>	<p>PS</p>
<p>Electrónica 20W / Electronic 20W Fuente de alimentación / Power supply LED. 20W – 24V. 100-240V, 50-60Hz.</p>	<p>60.8495</p>	<p>Electrónica 150W / Electronic 150W Fuente de alimentación / Power supply LED. 150W – 24V. 100-240V, 50-60Hz.</p>	<p>60.8220</p>
<p>Electrónica 60W / Electronic 60W Fuente de alimentación / Power supply LED. 60W – 24V. 100-240V, 50-60Hz.</p>	<p>60.8496</p>	<p>Electrónica 240W / Electronic 240W Fuente de alimentación / Power supply LED. 240W – 24V. 100-240V, 50-60Hz.</p>	<p>60.8268</p>
<p>Electrónica 100W / Electronic 100W Fuente de alimentación / Power supply LED. 100W – 24V. 100-240V, 50-60Hz.</p>	<p>60.8497</p>	<p>Electrónica 480W / Electronic 480W Fuente de alimentación / Power supply LED. 480W – 24V. 100-240V, 50-60Hz.</p>	<p>60.8452</p>
		<p>Electrónica 750W / Electronic 750W Fuente de alimentación / Power supply LED. 750W – 24V. 100-240V, 50-60Hz.</p>	<p>60.8453</p>

Tablas de Instalación Installation Guidelines

White/RGB

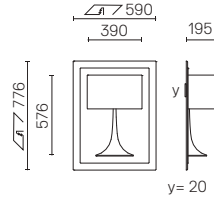
		20W	60W	100W	150W	240W	480W	750W
Wall Piercing		2	8	13	20	32	64	104
Sección de cable (el instalador lo suministra) Cable section (installer provides)		0,5mm ²	0,5mm ²	0,75mm ²	0,75mm ²	1mm ²	2,5mm ²	6mm ²
Distancia máxima Max distance		5m	10m	15m	30m	50m	100m	250m
Distancia máxima Max distance		20m						
Distancia máxima Max distance		20m						

SOFT ARCHITECTURE | 3D

SOFT SPUN HALOGEN SMALL DESIGNED BY SEBASTIAN WRONG



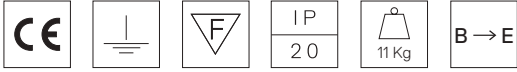
QT-DE-12
1xR7s
MAX 120W



Luminaria empotrable para lámpara halógena directa a red.

SA.5005.1

Recessed luminaire for halogen lamp, direct connection to mains.

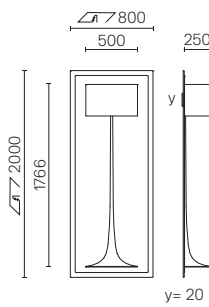


SOFT SPUN HALOGEN LARGE DESIGNED BY SEBASTIAN WRONG



QT-DE-12
1xR7s
160W
(diffuser)

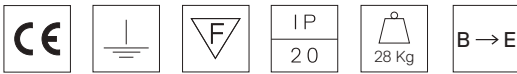
LED WHITE
1,4W
80 lm
2700K
CRI>90
(base)



Luminaria empotrable para lámpara halógena directa a red. Conductor LED electrónico 220-240V / 50-60 Hz integrado.

SA.5009.1

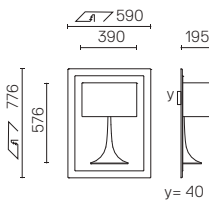
Recessed luminaire for halogen lamp, direct connection to mains. Electronic LED driver 220-240V / 50-60Hz integrated.



SOFT SPUN FLUORESCENT SMALL DESIGNED BY SEBASTIAN WRONG



TC-L
2x2G11
18W



Luminaria empotrable para lámpara fluorescente. Balastos 220/240V no dimables incluidos.

SA.5004.1

Recessed luminaire for fluorescent lamp Non-dimmable 220/240V ballasts included.



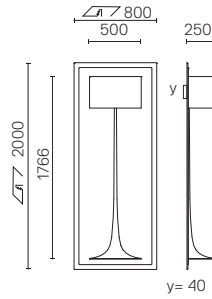
Del catálogo Decorativo de Flos / From our Flos design Residential catalogue

SOFT ARCHITECTURE | 3D

SOFT SPUN FLUORESCENT LARGE DESIGNED BY SEBASTIAN WRONG

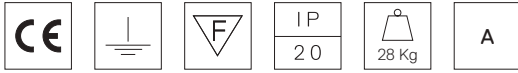


TC-L
2x2G11
24W
(diffuser)
LED WHITE
1,4W
80 lm
2700K
CRI>90
(base)



Luminaria empotrable para lámpara fluorescente. Balastos 220/240V no dimables incluidos.
Recessed luminaire for fluorescent lamp Non-dimmable 220/240V ballasts included.

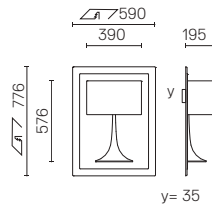
SA.5008.1



SOFT SPUN LED SMALL DESIGNED BY SEBASTIAN WRONG



LED WHITE
16W
1800 lm
3000K
CRI>70



Luminaria empotrable para lámpara LED. Alimentador 220/240V no dimable incluido.
Recessed luminaire for LED lamp. Non-dimmable 220/240V power supply included.

SA.5006.1A

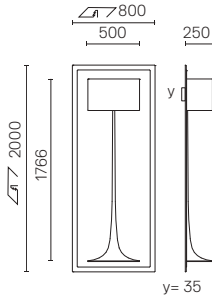


LED INCL.
NOT REPLACEABLE

SOFT SPUN LED LARGE DESIGNED BY SEBASTIAN WRONG



LED WHITE
16W
1800 lm
3000K
CRI>70
(diffuser)
LED WHITE
1,4W
80 lm
2700K
CRI>90
(base)



Luminaria empotrable para lámpara LED. Alimentador 220/240V no dimable incluido.
Recessed luminaire for LED lamp. Non-dimmable 220/240V power supply included.

SA.5007.1A



LED INCL.
NOT REPLACEABLE

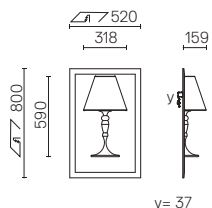
Del catálogo Decorativo de Flos / From our Flos design Residential catalogue

SOFT ARCHITECTURE | 3D

ABAJOUR'HUI SMALL DESIGNED BY FLOS SOFT ARCHITECTURE



QT-32
E27
MAX 75W



Luminaria empotrable de alimentación directa a red.

SA.5001.1

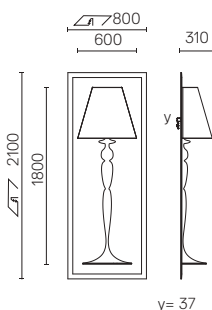
Recessed luminaire with direct connection to mains.



ABAJOUR'HUI LARGE DESIGNED BY FLOS SOFT ARCHITECTURE



QT-32
E27
MAX 150W



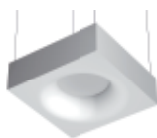
Luminaria empotrable de alimentación directa a red.

SA.5000.1

Recessed luminaire with direct connection to mains.

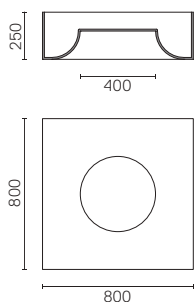


USL 800 DESIGNED BY FLOS SOFT ARCHITECTURE



T5 FH
4xG5
14W
4800 1m

T5 FQ
4xG5
24W
7000 1m



Sistema de iluminación indirecta para ser instalado a techo. Iluminación indirecta con lámparas fluorescentes lineales. Permite instalar producto Flos arquitectural. Cable de suspensión de 4 metros de longitud.

T5 FH
Non Dimmable
SA.4000.4.100

T5 FQ
Non Dimmable
SA.4000.4.200

Indirect ceiling-mounted lighting system. Indirect lighting for linear fluorescent lamps. It permits installation of Flos architectural product. Suspension cable length 4 meters.



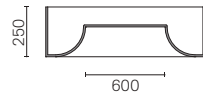
Del catálogo Decorativo de Flos / From our Flos design Residential catalogue

SOFT ARCHITECTURE | 3D

USL 1000 DESIGNED BY FLOS SOFT ARCHITECTURE



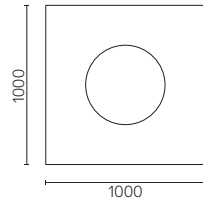
T5 FH
4xG5
21W
7600 1m



Sistema de iluminación indirecta para ser instalado a techo. Iluminación indirecta con lámparas fluorescentes lineales. Permite instalar producto Flos arquitectural.

T5 FH
Non Dimmable
SA.4001.4.100
Dimmable 1-10V
SA.4001.4.11V
Dimmable DSI-Dali
SA.4001.4.1DA

T5 FQ
4xG5
39W
12400 1m



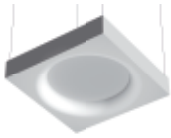
Cable de suspensión de 4 metros de longitud.

T5 FQ
Non Dimmable
SA.4001.4.200
Dimmable 1-10V
SA.4001.4.21V
Dimmable DSI-Dali
SA.4001.4.2DA

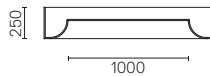
Indirect ceiling-mounted lighting system. Indirect lighting for linear fluorescent lamps. It permits installation of Flos architectural product. Suspension cable length 4 meters.



USL 1400 DESIGNED BY FLOS SOFT ARCHITECTURE



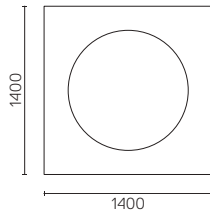
T5 FH
4xG5
28W
10400 1m



Sistema de iluminación indirecta para ser instalado a techo. Iluminación indirecta con lámparas fluorescentes lineales. Permite instalar producto Flos arquitectural.

T5 FH
Non Dimmable
SA.4002.4.100
Dimmable 1-10V
SA.4002.4.11V
Dimmable DSI-Dali
SA.4002.4.1DA

T5 FQ
4xG5
54W
17800 1m



Cable de suspensión de 4 metros de longitud.

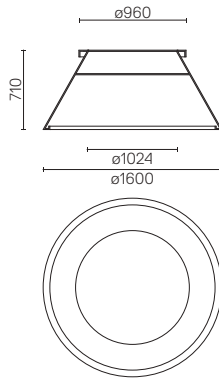
T5 FQ
Non Dimmable
SA.4002.4.200
Dimmable 1-10V
SA.4002.4.21V
Dimmable DSI-Dali
SA.4002.4.2DA

Indirect ceiling-mounted lighting system. Indirect lighting for linear fluorescent lamps. It permits installation of Flos architectural product. Suspension cable length 4 meters.



SOFT ARCHITECTURE | 3D

USL 160 71 DESIGNED BY FLOS SOFT ARCHITECTURE



Sistema de iluminación directa para ser instalado a techo. Permite instalar producto Flos architectural. Cable de suspensión de 4 metros de longitud.

Direct ceiling-mounted lighting system. It permits installation of Flos architectural product. Suspension cable length 4 meters.

- SA.4012.3.001
- SA.4012.3.002
- SA.4012.3.003
- SA.4012.3.004
- SA.4012.3.005
- SA.4012.3.006
- SA.4012.3.007
- SA.4012.3.009
- SA.4012.3.010
- SA.4012.3.011
- SA.4012.3.012
- SA.4012.3.013
- SA.4012.3.014
- SA.4012.3.015
- SA.4012.3.016
- SA.4012.3.025
- SA.4012.3.026
- SA.4012.3.027

Las referencias no incluyen los productos de Flos architectural.

References do not include Flos architectural products.



Productos Flos architectural Recomendados / Flos architectural Recommended Products

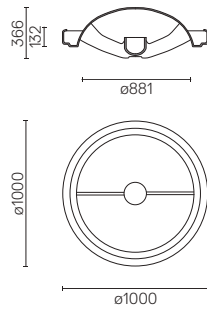
Light Sniper	Easy Kap	Wan Downlight	Wan Spot	Orbital 135	Pure Downlight 1 NT*	Pure Downlight 2 T	Compass Ø162	Pure Downlight 2 NT*
								
SA.4012.3.001	SA.4012.3.002	SA.4012.3.003	SA.4012.3.004	SA.4012.3.005	SA.4012.3.006	SA.4012.3.007	SA.4012.3.009	SA.4012.3.010
Pure Downlight 3 T	Downtown Ø215	Ecolight	Pure Downlight 3 NT*	Kap Ø145*	Pure Downlight 1 T	Kap Ø105*	Decofix 1L Round	Light Soldier Fixed
								
SA.4012.3.011	SA.4012.3.012		SA.4012.3.013	SA.4012.3.014	SA.4012.3.015	SA.4012.3.016	SA.4012.3.025	SA.4012.3.026
Light Soldier Adjustable								* Marco No Trim incluido / Frame No Trim included
								
SA.4012.3.027								

SOFT ARCHITECTURE | 3D

USL 111 SUSPENSION DESIGNED BY FLOS SOFT ARCHITECTURE



LED QR-111
GU10
10W
2800K



Sistema de iluminación directa para ser instalado a techo. Iluminación con lámpara de LED directa a red 220-240V. Cable de suspensión de 4 metros de longitud.

SA.4013.1

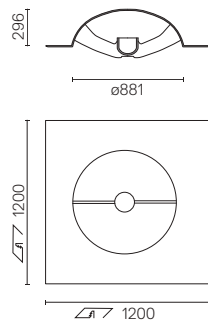
Direct ceiling-mounted lighting system. Lighting with LED lamp, direct connection to 220-240V mains. Suspension cable length 4 meters.



USL 111 RECESSED DESIGNED BY FLOS SOFT ARCHITECTURE



LED QR-111
GU10
10W
2800K



Luminaria empotrada de tecnología Soft. Iluminación con lámpara de LED directa a red 220-240V.

SA.4014.1

Soft technology recessed luminaire. Lighting with LED lamp, direct connection to 220-240V mains.



SOFT ARCHITECTURE | 3D

USL 100 PLUTO DESIGNED BY FRANK WELLENS AND LYNSEY LEYSEN



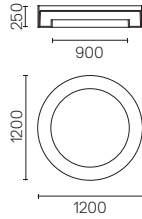
T5 FH
6xG5
14W
7200 1m

T5 FQ
6xG5
24W
10500 1m

COLD CATHODE
90W
3x30W
7776 1m
3000K

LED WHITE
45,5W
13x3,5W
2958 1m
3000K
CRI 85

LED RGB
22,75W
13x1,75W
1001 1m
RGB



Sistema de iluminación directa para ser instalado a techo. Iluminación directa con lámparas de fluorescencia, cátodo frío o LED. Equipos no incluidos en las versiones LED. (Páginas 526-527). Cable de suspensión de 4 metros de longitud.

Direct ceiling-mounted lighting system. Direct lighting with fluorescent, cold cathode or LED lamps. Control gear not included in LED versions (Pages 526-527). Suspension cable length 4 meters.

T5 FH
Non Dimmable
SA.4004.4.100

T5 FQ
Non Dimmable
SA.4004.4.200

Cold Cathode
SA.4004.4.300

LED White
SA.4004.5.110

LED RGB
SA.4004.6.100



LED



LED INCL.
NOT REPLACEABLE

T5

COLD CATHODE

SOFT ARCHITECTURE | 3D

USL 200 PLUTO DESIGNED BY FRANK WELLENS AND LYNSEY LEYSEN



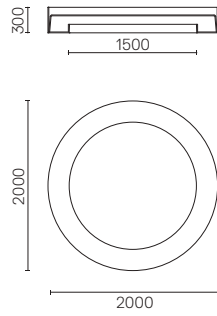
T5 FH
7xG5
21W
13300 lm

T5 FQ
7xG5
39W
21700 lm

COLD CATHODE
161W
4x40W
13824 lm
3000K

LED WHITE
84W
12x7W
5460 lm
3000K
CRI 85

LED RGB
42W
12x3,5W
1848 lm
RGB



Sistema de iluminación directa para ser instalado a techo. Iluminación directa con lámparas de fluorescencia, cátodo frío o LED. Equipos no incluidos en las versiones LED (Páginas 526-527). Cable de suspensión de 4 metros de longitud.

Direct ceiling-mounted lighting system. Direct lighting with fluorescent, cold cathode or LED lamps. Control gear not included in LED versions (Pages 526-527). Suspension cable length 4 meters.

T5 FH
Non Dimmable
SA.4005.4.100
Dimmable 1-10V
SA.4005.4.11V
Dimmable DSI-Dali
SA.4005.4.1DA

T5 FQ
Non Dimmable
SA.4005.4.200
Dimmable 1-10V
SA.4005.4.21V
Dimmable DSI-Dali
SA.4005.4.2DA

Cold Cathode
SA.4005.4.300

LED White
SA.4005.5.110

LED RGB
SA.4005.6A100



LED



145 Kg



T5

COLD CATHODE

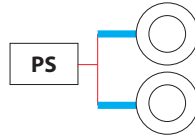
LED INCL.
NOT REPLACEABLE

SOFT ARCHITECTURE | 3D

LED DRIVERS

For: USL 100 Pluto, USL 200 Pluto

Non Dimmable



Cableado Wiring

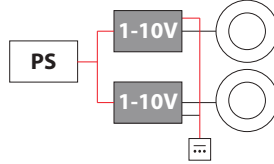
500mm de cable de alimentación para módulos LED blancos con conexión rápida. Es necesario uno por cada USL 100 y dos para cada USL 200. Unidad de alimentación electrónica no incluida.

500mm feed cable for white LED modules with fast connection. Necessary one for each USL 100 and two for each USL 200. Electronic power supply not included.

White

06.1016.00

Dimmable 1-10V



Interfaz Regulable Dimmable Interface

Interfaz de 1-10V. Distribuidor de 5 polos para una fácil conexión integrada. Es necesario uno por cada producto USL. Unidad de alimentación electrónica no incluida.

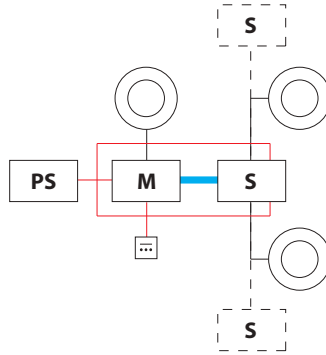
1-10V interface. 5 pole distributor for easy connection integrated. Necessary one for each USL. Electronic power supply not included.

White

06.1022.00

1-10V

Interfaces Regulables Dimmable Interfaces



Interfaz "Master" DALI con un distribuidor de 5 polos para una fácil conexión integrada. Posibilidad de controlar un producto USL. Si existe más de un producto USL en la misma instalación, es necesario ampliar la señal con interfaces "Slave". Unidad de alimentación electrónica no incluida.

DALI Master interface with one 5 pole distributor and one 500mm feed cable for easy connection. It's able to control one USL. If more USLs are in the same installation it's necessary to expand the signal with Slave interfaces. Electronic power supply not included.

White

06.1019.00

M

RGB

06.1012.00

M

Interfaz "Master" DMX con un distribuidor de 5 polos y un cable de alimentación de 500mm para una fácil conexión. Posibilidad de controlar un producto USL. Si existe más de un producto USL en la misma instalación, es necesario ampliar la señal con interfaces "Slave". Unidad de alimentación electrónica no incluida.

DMX Master interface with one 5 pole distributor and one 500mm feed cable for easy connection. It's able to control one USL. If more USLs are in the same installation it's necessary to expand the signal with Slave interfaces. Electronic power supply not included.

06.1005.00

M

Interfaz "Master" RGB Radio Frecuencia (RF) con un distribuidor de 5 polos y un cable de alimentación de 500mm para una fácil conexión. Transmisor de pared integrado para crear cambios de color. Posibilidad de controlar un producto USL. Si existe más de un producto USL en la misma instalación, es necesario ampliar la señal con interfaces "Slave". Unidad de alimentación electrónica no incluida.

Radio Frequency (RF) RGB Master interface with one 5 pole distributor and one 500mm feed cable for easy connection. Wall transmitter to make color changing integrated. It's able to control one USL. If more USLs are in the same installation it's necessary to expand the signal with Slave interfaces. Electronic power supply not included.

06.1013.00

M

— El instalador lo suministra / Installer provides

SOFT ARCHITECTURE | 3D

LED DRIVERS






For: USL 100 Pluto, USL 200 Pluto

Interfaces Regulables Dimmable Interfaces		White	RGB
<p>Interfaz "Slave" para ampliar la señal DALI/DMX/RF con dos distribuidores de 5 polos y dos cables de alimentación de 500mm para una fácil conexión. Posibilidad de ampliar la señal "Master" en dos USL. Si existen más de dos productos USL en la misma instalación, es necesario ampliar la señal con más interfaces "Slave". Unidad de alimentación electrónica no incluida.</p> <p>Slave interface to expand the DALI/DMX/RF signal with two 5 pole distributors and two 500mm feed cables for easy connection. It's able to expand the Master signal in two USL. If more USLs are in the same installation it's necessary to expand the signal with more Slave interfaces. Electronic power supply not included.</p>		06.1020.00 S	06.1014.00 S
<p>2 metros de prolongación de cable para módulos LED con conexión rápida. Pueden conectarse entre sí para una mayor longitud. 20 metros máximo.</p> <p>2 meters prolongation cable for LED modules with fast connection. Can be connected with each other to greater length. 20 meters max.</p>		08.8297.00 	08.8298.00
Unidad de Alimentación / Power Supply			
Instalación en Falso Techo Installation in False Ceiling	PS	Instalación Remota en Cuadro Eléctrico Remote Installation Electrical Panel	PS
Electrónica 20W / Electronic 20W Fuente de alimentación / Power supply LED. 20W – 24V. 100-240V, 50-60Hz.	60.8495	Electrónica 150W / Electronic 150W Fuente de alimentación / Power supply LED. 150W – 24V. 100-240V, 50-60Hz.	60.8220
Electrónica 60W / Electronic 60W Fuente de alimentación / Power supply LED. 60W – 24V. 100-240V, 50-60Hz.	60.8496	Electrónica 240W / Electronic 240W Fuente de alimentación / Power supply LED. 240W – 24V. 100-240V, 50-60Hz.	60.8268
Electrónica 100W / Electronic 100W Fuente de alimentación / Power supply LED. 100W – 24V. 100-240V, 50-60Hz.	60.8497	Electrónica 480W / Electronic 480W Fuente de alimentación / Power supply LED. 480W – 24V. 100-240V, 50-60Hz.	60.8452
		Electrónica 750W / Electronic 750W Fuente de alimentación / Power supply LED. 750W – 24V. 100-240V, 50-60Hz.	60.8453

Tablas de Instalación / Installation Guidelines

White

RGB

	20W	60W	100W	150W	240W	480W	750W
USL 100 Pluto	-	1	2	3	5	10	16
USL 200 Pluto	-	-	1	1	2	5	8
Sección de cable (el instalador lo suministra) Cable section (installer provides)	0,5mm ²	0,5mm ²	0,75mm ²	0,75mm ²	1mm ²	2,5mm ²	6mm ²
Distancia máxima Max distance	 5m	10m	15m	30m	50m	100m	250m
Distancia máxima Max distance	 20m						
Distancia máxima Max distance	 20m						
* Máxima longitud módulos LED conectados con Max lenght LED connected to	 50W						
Máxima longitud módulos LED conectados con Max lenght LED connected to	 100W						

	20W	60W	100W	150W	240W	480W	750W
USL 100 Pluto	1	3	5	8	13	26	41
USL 200 Pluto	-	1	2	4	7	14	22
Sección de cable (el instalador lo suministra) Cable section (installer provides)	0,5mm ²	0,5mm ²	0,75mm ²	0,75mm ²	1mm ²	2,5mm ²	6mm ²
Distancia máxima Max distance	5m	10m	15m	30m	50m	100m	250m
Distancia máxima Max distance	20m						
Distancia máxima Max distance	20m						
* Máxima longitud módulos LED conectados con Max lenght LED connected to	50W						
Máxima longitud módulos LED conectados con Max lenght LED connected to	100W						

* Atención: Para cada USL 200 Pluto, LED blanco = 1 Master + 1 Slave.
Beware: For each USL 200 Pluto, white LED = 1 Master + 1 Slave

U S O B O O B

USO Boob 600 1L



USO Boob 600 for
Modular Ceiling



USO Boob 600 2L



USO Boob 100 1L



U S L O U T

USL 6031



USL 6031 Recessed



USL 6060 for
Modular Ceiling

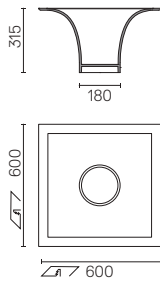


U S L 9 0 0 D I S K

USL 900 Disk On



USO BOOB 600 1L DESIGNED BY FLOS SOFT ARCHITECTURE



Aplicación arquitectónica de tecnología Soft que permite una perfecta integración de los productos Flos arquitectural. Para una configuración personal, puede añadir puntos de luz en la estructura. Consultar al equipo de ventas de Flos arquitectural.

Soft technology architectonic application that permits perfect integration of the Flos architectural products. For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.

- SA.1014.3.001
- SA.1014.3.002
- SA.1014.3.003
- SA.1014.3.004
- SA.1014.3.005
- SA.1014.3.006
- SA.1014.3.007
- SA.1014.3.009
- SA.1014.3.010
- SA.1014.3.014
- SA.1014.3.015
- SA.1014.3.016
- SA.1014.3.025
- SA.1014.3.026
- SA.1014.3.027

Las referencias no incluyen los productos de Flos arquitectural.

References do not include Flos architectural products.

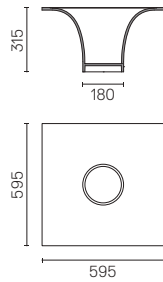


Productos Flos arquitectural Recomendados / Flos architectural Recommended Products

Light Sniper	Easy Kap	Wan Downlight	Wan Spot	Orbital 135	Pure Downlight 1 NT*	Pure Downlight 2 T	Compass Ø162	Pure Downlight 2 NT*
SA.1014.3.001	SA.1014.3.002	SA.1014.3.003	SA.1014.3.004	SA.1014.3.005	SA.1014.3.006	SA.1014.3.007	SA.1014.3.009	SA.1014.3.010
Kap Ø145*	Pure Downlight 1 T	Kap Ø105*	Decofix 1L Round	Light Soldier Fixed	Light Soldier Adjustable	* Marco No Trim incluido / Frame No Trim included		
SA.1014.3.014	SA.1014.3.015	SA.1014.3.016	SA.1014.3.025	SA.1014.3.026	SA.1014.3.027			

SOFT ARCHITECTURE | OUT

USO BOOB 600 FOR MODULAR CEILING DESIGNED BY FLOS SOFT ARCHITECTURE



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Soft technology architectonic application for modular ceilings that permits perfect integration of the Flos architectural products. For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.

- SA.1019.3.001
- SA.1019.3.002
- SA.1019.3.003
- SA.1019.3.004
- SA.1019.3.005
- SA.1019.3.006
- SA.1019.3.007
- SA.1019.3.009
- SA.1019.3.010
- SA.1019.3.014
- SA.1019.3.015
- SA.1019.3.016
- SA.1019.3.025
- SA.1019.3.026
- SA.1019.3.027

Las referencias no incluyen los productos de Flos arquitectural.

References do not include Flos architectural products.

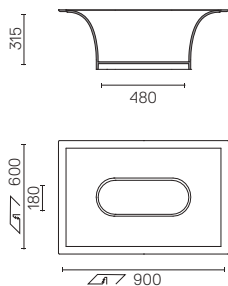


Productos Flos architectural Recomendados / Flos architectural Recommended Products

Light Sniper	Easy Kap	Wan Downlight	Wan Spot	Orbital 135	Pure Downlight 1 NT*	Pure Downlight 2 T	Compass Ø162	Pure Downlight 2 NT*
SA.1019.3.001	SA.1019.3.002	SA.1019.3.003	SA.1019.3.004	SA.1019.3.005	SA.1019.3.006	SA.1019.3.007	SA.1019.3.009	SA.1019.3.010
Kap Ø145*	Pure Downlight 1 T	Kap Ø105*	Decofix 1L Round	Light Soldier Fixed	Light Soldier Adjustable	* Marco No Trim incluido / Frame No Trim included		
SA.1019.3.014	SA.1019.3.015	SA.1019.3.016	SA.1019.3.025	SA.1019.3.026	SA.1019.3.027			

SOFT ARCHITECTURE | OUT

USO BOOB 600 2L DESIGNED BY FLOS SOFT ARCHITECTURE



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Soft technology architectonic application that permits perfect integration of the Flos architectural products. For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.

- SA.1015.3.001
- SA.1015.3.002
- SA.1015.3.003
- SA.1015.3.004
- SA.1015.3.005
- SA.1015.3.006
- SA.1015.3.007
- SA.1015.3.009
- SA.1015.3.010
- SA.1015.3.014
- SA.1015.3.015
- SA.1015.3.016
- SA.1015.3.025
- SA.1015.3.026
- SA.1015.3.027

Las referencias no incluyen los productos de Flos arquitectural.

References do not include Flos architectural products.



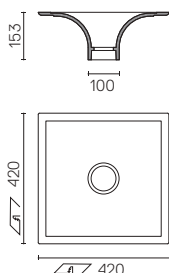
Productos Flos arquitectural Recomendados / Flos architectural Recommended Products

Light Sniper	Easy Kap	Wan Downlight	Wan Spot	Orbital 135	Pure Downlight 1 NT*	Pure Downlight 2 T	Compass Ø162	Pure Downlight 2 NT*
SA.1015.3.001	SA.1015.3.002	SA.1015.3.003	SA.1015.3.004	SA.1015.3.005	SA.1015.3.006	SA.1015.3.007	SA.1015.3.009	SA.1015.3.010
Kap Ø145*	Pure Downlight 1 T	Kap Ø105*	Decofix 1L Round	Light Soldier Fixed	Light Soldier Adjustable	* Marco No Trim incluido / Frame No Trim included		
SA.1015.3.014	SA.1015.3.015	SA.1015.3.016	SA.1015.3.025	SA.1015.3.026	SA.1015.3.027			

USO BOOB 100 1L DESIGNED BY FLOS SOFT ARCHITECTURE



QR-CBC-51
1 x GU5.3
MAX 50W



Luminaria empotrable para lámpara halógena de 12V. Transformador remoto no incluido.

Recessed luminaire for 12V halogen lamp. Remote transformer not included.

SA.1012.3.019

Equipos Electrónicos / Electrical
20/105W
60.8139

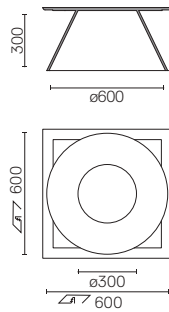
Equipos Electrónicos:
Transformador electrónico 12V. 220/240V, 50/60Hz. Posibilidad de regulación "leading and trailing edge" (fase ascendente y descendente).

Electrical:
Electronic transformer 12V. 220/240V, 50/60Hz. Adjustable by means of "leading and trailing edge".



SOFT ARCHITECTURE | OUT

USL 6031 DESIGNED BY FLOS SOFT ARCHITECTURE



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Soft technology architectonic application that permits perfect integration of the Flos architectural products. For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.
















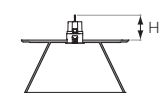
- SA.4008.3.001
- SA.4008.3.002
- SA.4008.3.003
- SA.4008.3.004
- SA.4008.3.005
- SA.4008.3.007
- SA.4008.3.009
- SA.4008.3.011
- SA.4008.3.012
- SA.4008.3.015
- SA.4008.3.017
- SA.4008.3.025
- SA.4008.3.026
- SA.4008.3.027

Las referencias no incluyen los productos de Flos arquitectural.

References do not include Flos architectural products.

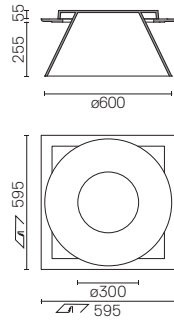


Productos Flos arquitectural Recomendados / Flos architectural Recommended Products

Light Sniper	Easy Kap	Wan Downlight	Wan Spot	Orbital 135	Pure Downlight 2 T	Compass Ø162	Pure Downlight 3 T	Downtown Ø215
								
H=165	H=187	H=111	H=50	H=130	H=135	H=220	H=140	H=187
SA.4008.3.001	SA.4008.3.002	SA.4008.3.003	SA.4008.3.004	SA.4008.3.005	SA.4008.3.007	SA.4008.3.009	SA.4008.3.011	SA.4008.3.012
Ecolight	Pure Downlight 1 T	Kap Ø145 Hold	Decofix 1L Round	Light Soldier Fixed	Light Soldier Adjustable			
								
H=187	H=135	H=230	H=126	H=72	H=72			
SA.4008.3.012	SA.4008.3.015	SA.4008.3.017	SA.4008.3.025	SA.4008.3.026	SA.4008.3.027			

SOFT ARCHITECTURE | OUT

USL 6031 RECESSED DESIGNED BY FLOS SOFT ARCHITECTURE



Aplicación arquitectónica de tecnología Soft que permite una perfecta integración de los productos Flos arquitectural. Para una configuración personal, puede añadir puntos de luz en la estructura. Consultar al equipo de ventas de Flos arquitectural.

- SA.4010.3.001
- SA.4010.3.002
- SA.4010.3.003
- SA.4010.3.004
- SA.4010.3.005
- SA.4010.3.007
- SA.4010.3.009
- SA.4010.3.011
- SA.4010.3.012
- SA.4010.3.015
- SA.4010.3.017
- SA.4010.3.025
- SA.4010.3.026
- SA.4010.3.027
















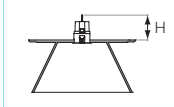
Soft technology architectonic application that permits perfect integration of the Flos architectural products. For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.

Las referencias no incluyen los productos de Flos arquitectural.

References do not include Flos architectural products.

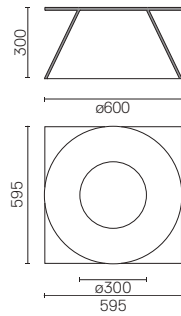


Productos Flos arquitectural Recomendados / Flos architectural Recommended Products

Light Sniper	Easy Kap	Wan Downlight	Wan Spot	Orbital 135	Pure Downlight 2 T	Compass Ø162	Pure Downlight 3 T	Downtown Ø215
								
H=220	H=242	H=166	H=105	H=185	H=190	H=275	H=195	H=242
SA.4010.3.001	SA.4010.3.002	SA.4010.3.003	SA.4010.3.004	SA.4010.3.005	SA.4010.3.007	SA.4010.3.009	SA.4010.3.011	SA.4010.3.012
Ecolight	Pure Downlight 1 T	Kap Ø145 Hold	Decofix 1L Round	Light Soldier Fixed	Light Soldier Adjustable			
								
H=242	H=190	H=285	H=181	H=127	H=127			
SA.4010.3.012	SA.4010.3.015	SA.4010.3.017	SA.4010.3.025	SA.4010.3.026	SA.4010.3.027			

SOFT ARCHITECTURE | OUT

USL 6060 FOR MODULAR CEILING DESIGNED BY FLOS SOFT ARCHITECTURE



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- SA.4009.3.001
- SA.4009.3.002
- SA.4009.3.003
- SA.4009.3.004
- SA.4009.3.005
- SA.4009.3.007
- SA.4009.3.009
- SA.4009.3.011
- SA.4009.3.012
- SA.4009.3.015
- SA.4009.3.017
- SA.4009.3.025
- SA.4009.3.026
- SA.4009.3.027
















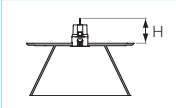
Soft technology architectonic application for modular ceilings that permits perfect integration of the Flos architectural products. For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.

Las referencias no incluyen los productos de Flos arquitectural.

References do not include Flos architectural products.



Productos Flos architectural Recomendados / Flos architectural Recommended Products

Light Sniper	Easy Kap	Wan Downlight	Wan Spot	Orbital 135	Pure Downlight 2 T	Compass Ø162	Pure Downlight 3 T	Downtown Ø215
								
H=165	H=187	H=111	H=50	H=130	H=135	H=220	H=140	H=187
SA.4009.3.001	SA.4009.3.002	SA.4009.3.003	SA.4009.3.004	SA.4009.3.005	SA.4009.3.007	SA.4009.3.009	SA.4009.3.011	SA.4009.3.012
Ecolight	Pure Downlight 1 T	Kap Ø145 Hold	Decofix 1L Round	Light Soldier Fixed	Light Soldier Adjustable			
								
H=187	H=135	H=230	H=126	H=72	H=72			
SA.4009.3.012	SA.4009.3.015	SA.4009.3.017	SA.4009.3.025	SA.4009.3.026	SA.4009.3.027			

SOFT ARCHITECTURE | OUT

USL 900 DISK ON DESIGNED BY FLOS SOFT ARCHITECTURE



T5 FH
13xG5
14W
(6 Internal +
7 External)
Internal:
7200 lm +
8400 lm

T5 FQ
13xG5
24W
(6 Internal +
7 External)
Internal:
10500 lm +
12250 lm



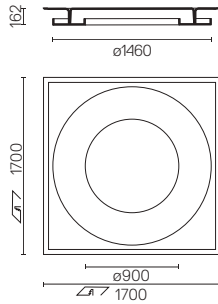
COLD CATHODE
Internal:
90W (3x30W) +
External:
120W (4x30W)
Internal:
7776 lm +
10367 lm
3000K
CRI 85



LED WHITE
Internal:
45,5W (13x3,5W) +
External:
63W (9x7W)
Internal:
2958 lm
External:
4095 lm
3000K
CRI 85



LED RGB
Internal:
22,7W (13x1,7W) +
External:
31,5W (9x3,5W)
Internal:
1001 lm
External:
1386 lm
RGB



Luminaria semi-empotrada para ser instalada a techo o pared. Iluminación directa con lámparas de fluorescencia, cátodo frío o LED. Equipos no incluidos en las versiones LED (Páginas 536-537).

Soft technology semi-recessed luminaire for ceiling or wall mounting. Direct lighting with fluorescent, cold cathode or LED lamps. Control gear not included in LED versions (Pages 536-537).

T5 FH
Non Dimmable
SA.4006.4.100

T5 FQ
Non Dimmable
SA.4006.4.200

Cold Cathode
SA.4006.4.300

LED White
SA.4006.5.110

LED RGB
SA.4006.6A100



LED INCL.
NOT REPLACEABLE

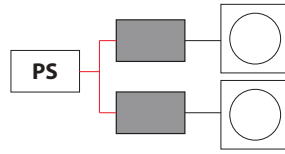
T5
COLD CATHODE

SOFT ARCHITECTURE | OUT

LED DRIVERS

For USL 900 Disk On

Non Dimmable



Cableado Wiring

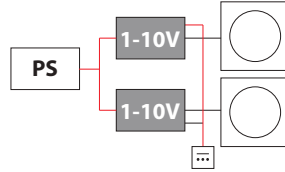
Distribuidor macho de 5 polos para una fácil conexión con cable de alimentación. Son necesarios 2 por cada USL 900 Disk On. Unidad de alimentación electrónica no incluida.

5 male pole distributor for easy connection with feed cable. Necessary 2 for each USL 900 Disk On. Electronic power supply not included.

White

06.1003.00

Dimmable 1-10V



Interfaz Regulable Dimmable Interface

Interfaz de 1-10V. Distribuidor de 5 polos para una fácil conexión integrada. Es necesario uno por cada producto USL 900 Disk On. Unidad de alimentación electrónica no incluida.

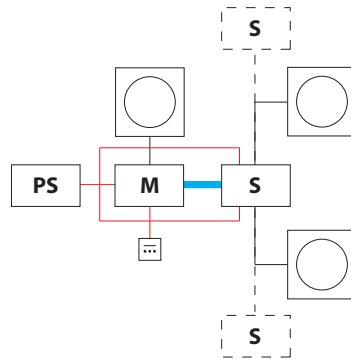
1-10V interface. 5 pole distributor for easy connection integrated. Necessary one for each USL 900 Disk On. Electronic power supply not included.

White

06.1022.00

1-10V

Interfaces Regulables Dimmable Interfaces



Interfaz "Master" DALI con un distribuidor de 5 polos y un cable de alimentación de 500mm para una fácil conexión. Posibilidad de controlar un producto USL 900 Disk On. Si existe más de un producto USL 900 Disk On en la misma instalación, es necesario ampliar la señal con interfaces "Slave". Unidad de alimentación electrónica no incluida.

DALI Master interface with one 5 pole distributor and one 500mm feed cable for easy connection. It's able to control one USL 900 Disk On. If more USLs are in the same installation it's necessary to expand the signal with Slave interfaces. Electronic power supply not included.

White

06.1019.00

M

RGB

06.1012.00

M

Interfaz "Master" DMX con un distribuidor de 5 polos y un cable de alimentación de 500mm para una fácil conexión. Posibilidad de controlar un producto USL 900 Disk On. Si existe más de un producto USL 900 Disk On en la misma instalación, es necesario ampliar la señal con interfaces "Slave". Unidad de alimentación electrónica no incluida.

DMX Master interface with one 5 pole distributor and one 500mm feed cable for easy connection. It's able to control one USL 900 Disk On. If more USLs are in the same installation it's necessary to expand the signal with Slave interfaces. Electronic power supply not included.

06.1005.00

M

Interfaz "Master" RGB Radio Frecuencia (RF) con un distribuidor de 5 polos y un cable de alimentación de 500mm para una fácil conexión. Transmisor de pared integrado para crear cambios de color. Posibilidad de controlar un producto USL 900 Disk On. Si existe más de un producto USL 900 Disk On en la misma instalación, es necesario ampliar la señal con interfaces "Slave". Unidad de alimentación electrónica no incluida.

Radio Frequency (RF) RGB Master interface with one 5 pole distributor and one 500mm feed cable for easy connection. Wall transmitter to make color changing integrated. It's able to control one USL 900 Disk On. If more USLs are in the same installation it's necessary to expand the signal with Slave interfaces. Electronic power supply not included.

06.1013.00

M

— El instalador lo suministra / Installer provides

SOFT ARCHITECTURE | OUT

LED DRIVERS

For USL 900 Disk On













Interfaces Regulables Dimmable Interfaces		White	RGB
<p>Interfaz "Slave" para ampliar la señal DALI/DMX/RF con dos distribuidores de 5 polos y dos cables de alimentación de 500mm para una fácil conexión. Posibilidad de ampliar la señal "Master" en dos USL 900 Disk On. Si existe más de dos productos USL 900 Disk On en la misma instalación, es necesario ampliar la señal con más interfaces "Slave". Unidad de alimentación electrónica no incluida.</p> <p>Slave interface to expand the DALI/DMX/RF signal with two 5 pole distributors and two 500mm feed cables for easy connection. It's able to expand the Master signal in two USL 900 Disk On. If more USLs are in the same installation it's necessary to expand the signal with more Slave interfaces. Electronic power supply not included.</p>		06.1020.00 S	06.1014.00 S
<p>2 metros de prolongación de cable para módulos LED con conexión rápida. Pueden conectarse entre sí para una mayor longitud. 20 metros máximo.</p> <p>2 meters prolongation cable for LED modules with fast connection. Can be connected with each other to greater length. 20 meters max.</p>		08.8297.00 —	08.8298.00 —
Unidad de Alimentación / Power Supply			
Instalación en Falso Techo Installation in False Ceiling	PS	Instalación Remota en Cuadro Eléctrico Remote Installation Electrical Panel	PS
Electrónica 20W / Electronic 20W Fuente de alimentación / Power supply LED. 20W – 24V. 100-240V, 50-60Hz.	60.8495	Electrónica 150W / Electronic 150W Fuente de alimentación / Power supply LED. 150W – 24V. 100-240V, 50-60Hz.	60.8220
Electrónica 60W / Electronic 60W Fuente de alimentación / Power supply LED. 60W – 24V. 100-240V, 50-60Hz.	60.8496	Electrónica 240W / Electronic 240W Fuente de alimentación / Power supply LED. 240W – 24V. 100-240V, 50-60Hz.	60.8268
Electrónica 100W / Electronic 100W Fuente de alimentación / Power supply LED. 100W – 24V. 100-240V, 50-60Hz.	60.8497	Electrónica 480W / Electronic 480W Fuente de alimentación / Power supply LED. 480W – 24V. 100-240V, 50-60Hz.	60.8452
		Electrónica 750W / Electronic 750W Fuente de alimentación / Power supply LED. 750W – 24V. 100-240V, 50-60Hz.	60.8453
Tablas de Instalación / Installation Guidelines			

	White							RGB						
	20W	60W	100W	150W	240W	480W	750W	20W	60W	100W	150W	240W	480W	750W
USL 900 Disk On	-	-	-	1	2	4	6	-	1	2	3	5	10	16
Sección de cable (el instalador lo suministra) Cable section (installer provides)	0,5mm²	0,5mm²	0,75mm²	0,75mm²	1mm²	2,5mm²	6mm²	0,5mm²	0,5mm²	0,75mm²	0,75mm²	1mm²	2,5mm²	6mm²
Distancia máxima Max distance	5m	10m	15m	30m	50m	100m	250m	5m	10m	15m	30m	50m	100m	250m
Distancia máxima Max distance								20m						
Distancia máxima Max distance								20m						
* Máxima longitud módulos LED conectados con Max lenght LED connected to								50W						
Máxima longitud módulos LED conectados con Max lenght LED connected to								100W						




* Atención: Para cada USL 900 Disk On, LED blanco = 1 Master + 1 Slave.
Beware: For each USL 900 Disk On, white LED = 1 Master + 1 Slave.





SOFT ARCHITECTURE | IN

<p>APPS</p> 	<p>G - O I N</p> 	<p>TEARDROP</p> <p>Small / Medium / Large</p> 
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<p>U S O</p>	<p>USO Kap 105 / 145</p> 	<p>USO 330 for Modular Ceiling</p> 	<p>USO 332</p> 	<p>USO 332 for Modular Ceiling</p> 	<p>USO 400</p> 	<p>USO 500</p> 
	<p>USO 600</p> 	<p>USO 600 for Modular Ceiling</p> 	<p>USO 700</p> 	<p>USO 800</p> 	<p>USO 1000</p> 	<p>USO 1400</p> 

<p>U S O C O V E L I G H T I N G</p>	<p>USO 900 Cove Lighting</p> 	<p>USO 1700 Cove Lighting</p> 	<p>USO 2200 Cove Lighting</p> 	<p>USO 2500 Cove Lighting</p> 	<p>USO 100 50 Cove Lighting</p> 	<p>USO 140 90 Cove Lighting</p> 
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<p>R O U N D L I G H T</p>	<p>Round Light Small / Medium / Large</p> 	<p>S Q U A R E L I G H T</p>	<p>Square Light Small / Large</p> 	<p>V E R T I C A L L I G H T</p>	<p>Vertical Light Small / Large</p> 
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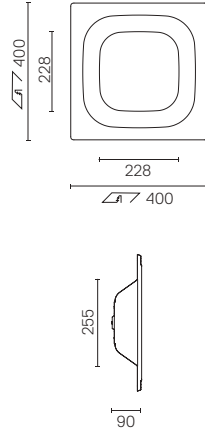
<p>U S B R O U N D</p>	<p>USB Round 1L</p> 	<p>USB Round 1L W-W</p> 	<p>USB Round 2L</p> 	<p>USB Round 2L W-W</p> 
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<p>U S B S Q U A R E</p>	<p>USB Square 1L</p> 	<p>USB Square 1L W-W</p> 	<p>USB Square 2L</p> 	<p>USB Square 2L W-W</p> 	<p>U S B B O X</p>	<p>USB Box Round 210</p> 
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APPS DESIGNED BY JORGE HERRERA



LED ARRAY
4W
350 lm
4000K
CRI 80



Luminaria empotrada de señalización para aplicación interior. Fuente de alimentación no incluida.

Recessed sign luminaire for indoor application. Power supply source not included.

- 90° DIR
 - SA.5061.3.076
 - SA.5061.3.00G
 - SA.5061.3.0V3
- 45° DIR
 - SA.5062.3.076
 - SA.5062.3.00G
 - SA.5062.3.0V3
- WC Ladies
 - SA.5063.3.076
 - SA.5063.3.00G
 - SA.5063.3.0V3
- WC Men
 - SA.5064.3.076
 - SA.5064.3.00G
 - SA.5064.3.0V3
- WC
 - SA.5065.3.076
 - SA.5065.3.00G
 - SA.5065.3.0V3
- Bar
 - SA.5066.3.076
 - SA.5066.3.00G
 - SA.5066.3.0V3
- Restaurant
 - SA.5067.3.076
 - SA.5067.3.00G
 - SA.5067.3.0V3
- Elevator
 - SA.5068.3.076
 - SA.5068.3.00G
 - SA.5068.3.0V3
- Info
 - SA.5069.3.076
 - SA.5069.3.00G
 - SA.5069.3.0V3
- Stairs
 - SA.5070.3.076
 - SA.5070.3.00G
 - SA.5070.3.0V3

Equipos Electrónicos:
Fuente de alimentación de corriente constante 350mA. 220/240V, 50/60Hz.

Electrical:
Continuous current power supply of 350mA. 220/240V, 50/60Hz.



LED INCL.
NOT REPLACEABLE

Equipos Electrónicos / Electrical
60.8402

Señales Signs	90° DIR	45° DIR	WC Ladies	WC Men	WC	Bar	Restaurant
					* Para una configuración personal de color y pictograma de la señal, consultar al equipo de ventas de Flos arquitectural. For a personal colour scheme and sign pictogram please ask the Flos architectural sales staff.		

Color de la Luz Perimetral Peripheral Lighting Colours	<input type="checkbox"/> 76 Blanco 76 White	<input type="checkbox"/> OG Naranja OG Orange	<input type="checkbox"/> V3 Violeta V3 Violet

Premios Awards



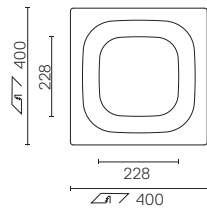
red dot design award
winner 2012

SOFT ARCHITECTURE | IN

APPS EMERGENCY DESIGNED BY JORGE HERRERA

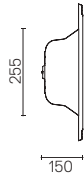


LED ARRAY
4W
350 lm
4000K
CRI 80



Luminaria empotrada de señalización de emergencia para aplicación interior. Fuente de alimentación y equipo de emergencia incluido. Autonomía 4 horas, Flujo 80%.

Recessed emergency sign luminaire for indoor application. Power supply source and emergency gear included. 4-hour autonomy, 80% Flow.



- 90° DIR SA.5071.3.076
- 45° DIR SA.5072.3.076
- Exit Right SA.5073.3.076
- Exit Left SA.5074.3.076
- Exit SA.5075.3.076
- Extinguisher SA.5076.3.076
- Fire Hose SA.5077.3.076
- Fire Alarm SA.5078.3.076



LED INCL.
NOT REPLACEABLE

Señales Signs



Premios Awards



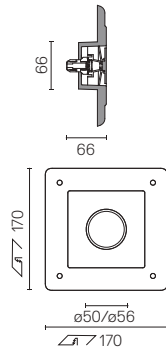
reddot design award
winner 2012

SOFT ARCHITECTURE | IN

G-O IN DESIGNED BY JORGE HERRERA



POWER LED
0,96W
24V
78 lm
3000K
CRI 85



Luminaria empotrada de señalización para aplicación interior. Fuente de alimentación no incluida. Incluye cable de alimentación de 1000mm.

Recessed sign luminaire for indoor application. Power supply source not included. It includes 1000mm power supply cable.

Luz Blanca
White Light
SA.5100.1

Luz Ámbar
Amber Light
SA.5101.1

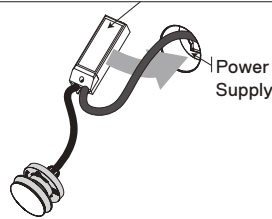
Luz Azul
Blue Light
SA.5102.1

Equipos Electrónicos / Electrical
8W
60.8079

Equipos Electrónicos:
Transformador electrónico de tensión constante (24V) para LED.
220/240V, 50/60Hz.

Electrical:
Electronic transformer with constant voltage (24V) for LED.
220/240V, 50/60Hz.

Asegure la correcta polaridad (+-) Rojo +/ Negro.
Ensure correct polarity (+-) Red +/ Black.



LED INCL.
NOT REPLACEABLE

Colores de la Luz Lighting Colours

Blanco
White

Ámbar
Amber

Azul
Blue



Premios Awards



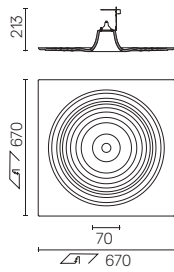
reddot design award
winner 2013

SOFT ARCHITECTURE | IN

TEARDROP SMALL DESIGNED BY CALVI BRAMBILLA



QR-CBC-51
1xGU5.3
MAX 50W



Luminaria empotrable para lámpara halógena de 12V. Transformador remoto no incluido.

SA.1039.1

Equipos Electrónicos / Electrical
20/105W
60.8139

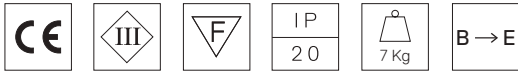
Recessed luminaire for 12V halogen lamp. Remote transformer not included.

Equipos Electrónicos:

Transformador electrónico 12V. 220/240V, 50/60Hz. Posibilidad de regulación "leading and trailing edge".

Electrical:

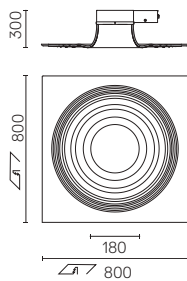
Electronic transformer 12V. 220/240V, 50/60Hz. Adjustable by means of "leading and trailing edge".



TEARDROP MEDIUM DESIGNED BY CALVI BRAMBILLA



TC-DEL
2xG24q
26W



Luminaria empotrable para lámpara fluorescente. Balastos no dimables 220-240V / 50-60Hz integrado.

SA.1040.1

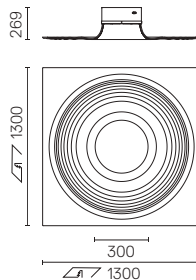
Recessed luminaire for fluorescent lamp
Non-dimmable ballasts
220-240V / 50-60Hz
integrated.



TEARDROP LARGE DESIGNED BY CALVI BRAMBILLA



TC-L
4x2G11
18W



Luminaria empotrable para lámpara fluorescente. Balastos no dimables 220-240V / 50-60Hz integrado.

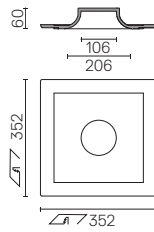
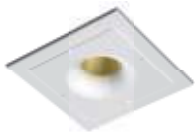
SA.1041.1

Recessed luminaire for fluorescent lamp
Non-dimmable ballasts
220-240V / 50-60Hz
integrated.



SOFT ARCHITECTURE | IN

USO KAP 105 DESIGNED BY FLOS SOFT ARCHITECTURE



Aplicación arquitectónica de tecnología Soft que permite una perfecta integración de los productos Flos arquitectural.
Para una configuración personal, puede añadir puntos de luz en la estructura. Consultar al equipo de ventas de Flos arquitectural.

SA.1034.3.001
SA.1034.3.016

Soft technology architectonic application that permits perfect integration of the Flos architectural products.
For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.

Las referencias no incluyen los productos de Flos arquitectural.

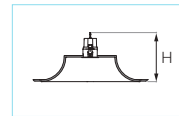
References do not include Flos architectural products.



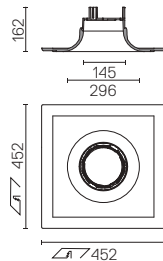
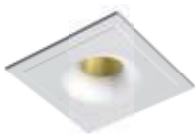
Productos Flos arquitectural Recomendados / Flos architectural Recommended Products

Light Sniper	Kap Ø105*
	
H=225	H=290
SA.1034.3.001	SA.1034.3.016

* Marco No Trim incluido /
Frame No Trim included



USO KAP 145 DESIGNED BY FLOS SOFT ARCHITECTURE



Aplicación arquitectónica de tecnología Soft que permite una perfecta integración de los productos Flos arquitectural.
Para una configuración personal, puede añadir puntos de luz en la estructura. Consultar al equipo de ventas de Flos arquitectural.

SA.1035.1

Soft technology architectonic application that permits perfect integration of the Flos architectural products.
For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.

Las referencias no incluyen los productos de Flos arquitectural.

References do not include Flos architectural products.

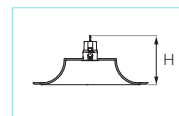


Productos Flos arquitectural Recomendados / Flos architectural Recommended Products

Kap Ø145*

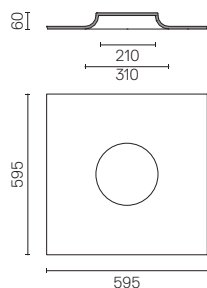
H=305
SA.1035.1

* Marco No Trim incluido /
Frame No Trim included



SOFT ARCHITECTURE | IN

USO 330 FOR MODULAR CEILING DESIGNED BY FLOS SOFT ARCHITECTURE



Aplicación arquitectónica de tecnología Soft para techos modulares que permite una perfecta integración de los productos Flos arquitectural. Para una configuración personal, puede añadir puntos de luz en la estructura. Consultar al equipo de ventas de Flos arquitectural.

Soft technology architectonic application for modular ceilings that permits perfect integration of the Flos architectural products.

For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.








- SA.1017.3.001
- SA.1017.3.002
- SA.1017.3.003
- SA.1017.3.004
- SA.1017.3.005
- SA.1017.3.006
- SA.1017.3.007
- SA.1017.3.009
- SA.1017.3.010
- SA.1017.3.011
- SA.1017.3.013
- SA.1017.3.014
- SA.1017.3.015
- SA.1017.3.016
- SA.1017.3.025
- SA.1017.3.026
- SA.1017.3.027

Las referencias no incluyen los productos de Flos arquitectural.

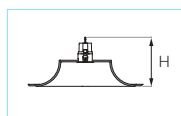
References do not include Flos architectural products.



Productos Flos arquitectural Recomendados / Flos architectural Recommended Products

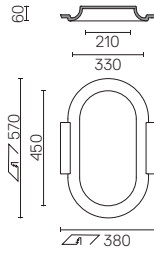
Light Sniper	Easy Kap	Wan Downlight	Wan Spot	Orbital 135	Pure Downlight 1 NT*	Pure Downlight 2 T	Compass Ø162	Pure Downlight 2 NT*
								
H=225	H=247	H=171	H=110	H=190	H=198	H=195	H=280	H=198
SA.1017.3.001	SA.1017.3.002	SA.1017.3.003	SA.1017.3.004	SA.1017.3.005	SA.1017.3.006	SA.1017.3.007	SA.1017.3.009	SA.1017.3.010
Pure Downlight 3 T	Pure Downlight 3 NT*	Kap Ø145*	Pure Downlight 1 T	Kap Ø105*	Decofix 1L Round	Light Soldier Fixed	Light Soldier Adjustable	
								
H=200	H=203	H=290	H=195	H=290	H=186	H=132	H=132	
SA.1017.3.011	SA.1017.3.013	SA.1017.3.014	SA.1017.3.015	SA.1017.3.016	SA.1017.3.025	SA.1017.3.026	SA.1017.3.027	

* Marco No Trim incluido /
Frame No Trim included



SOFT ARCHITECTURE | IN

USO 332 DESIGNED BY FLOS SOFT ARCHITECTURE



Aplicación arquitectónica de tecnología Soft que permite una perfecta integración de los productos Flos arquitectural. Para una configuración personal, puede añadir puntos de luz en la estructura. Consultar al equipo de ventas de Flos arquitectural.

Soft technology architectonic application that permits perfect integration of the Flos architectural products. For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.






- SA.1001.3.001
- SA.1001.3.002
- SA.1001.3.003
- SA.1001.3.004
- SA.1001.3.005
- SA.1001.3.006
- SA.1001.3.007
- SA.1001.3.009
- SA.1001.3.010
- SA.1001.3.011
- SA.1001.3.013
- SA.1001.3.014
- SA.1001.3.015
- SA.1001.3.016
- SA.1001.3.025
- SA.1001.3.026
- SA.1001.3.027

Las referencias no incluyen los productos de Flos arquitectural.

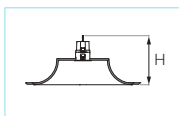
References do not include Flos architectural products.



Productos Flos arquitectural Recomendados / Flos architectural Recommended Products

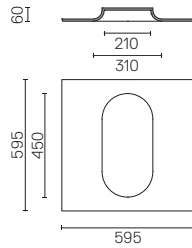
Light Sniper	Easy Kap	Wan Downlight	Wan Spot	Orbital 135	Pure Downlight 1 NT*	Pure Downlight 2 T	Compass Ø162	Pure Downlight 2 NT*
								
H=225	H=247	H=171	H=110	H=190	H=198	H=195	H=280	H=198
SA.1001.3.001	SA.1001.3.002	SA.1001.3.003	SA.1001.3.004	SA.1001.3.005	SA.1001.3.006	SA.1001.3.007	SA.1001.3.009	SA.1001.3.010
Pure Downlight 3 T	Pure Downlight 3 NT*	Kap Ø145*	Pure Downlight 1 T	Kap Ø105*	Decofix 1L Round	Light Soldier Fixed	Light Soldier Adjustable	
								
H=200	H=203	H=290	H=195	H=290	H=186	H=132	H=132	
SA.1001.3.011	SA.1001.3.013	SA.1001.3.014	SA.1001.3.015	SA.1001.3.016	SA.1001.3.025	SA.1001.3.026	SA.1001.3.027	

* Marco No Trim incluido / Frame No Trim included



SOFT ARCHITECTURE | IN

USO 332 FOR MODULAR CEILING DESIGNED BY FLOS SOFT ARCHITECTURE



Aplicación arquitectónica de tecnología Soft para techos modulares que permite una perfecta integración de los productos Flos arquitectural. Para una configuración personal, puede añadir puntos de luz en la estructura. Consultar al equipo de ventas de Flos arquitectural.

Soft technology architectonic application for modular ceilings that permits perfect integration of the Flos architectural products. For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.












- SA.1018.3.001
- SA.1018.3.002
- SA.1018.3.003
- SA.1018.3.004
- SA.1018.3.005
- SA.1018.3.006
- SA.1018.3.007
- SA.1018.3.009
- SA.1018.3.010
- SA.1018.3.011
- SA.1018.3.013
- SA.1018.3.014
- SA.1018.3.015
- SA.1018.3.016
- SA.1018.3.025
- SA.1018.3.026
- SA.1018.3.027

Las referencias no incluyen los productos de Flos arquitectural.

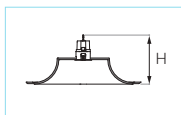
References do not include Flos architectural products.



Productos Flos arquitectural Recomendados / Flos architectural Recommended Products

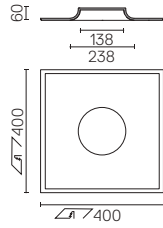
Light Sniper	Easy Kap	Wan Downlight	Wan Spot	Orbital 135	Pure Downlight 1 NT*	Pure Downlight 2 T	Compass Ø162	Pure Downlight 2 NT*
								
H=225	H=247	H=171	H=110	H=190	H=198	H=195	H=280	H=198
SA.1018.3.001	SA.1018.3.002	SA.1018.3.003	SA.1018.3.004	SA.1018.3.005	SA.1018.3.006	SA.1018.3.007	SA.1018.3.009	SA.1018.3.010
Pure Downlight 3 T	Pure Downlight 3 NT*	Kap Ø145*	Pure Downlight 1 T	Kap Ø105*	Decofix 1L Round	Light Soldier Fixed	Light Soldier Adjustable	
								
H=200	H=203	H=290	H=195	H=290	H=186	H=132	H=132	
SA.1018.3.011	SA.1018.3.013	SA.1018.3.014	SA.1018.3.015	SA.1018.3.016	SA.1018.3.025	SA.1018.3.026	SA.1018.3.027	

* Marco No Trim incluido /
Frame No Trim included



SOFT ARCHITECTURE | IN

USO 400 DESIGNED BY FLOS SOFT ARCHITECTURE



Aplicación arquitectónica de tecnología Soft que permite una perfecta integración de los productos Flos arquitectural. Para una configuración personal, puede añadir puntos de luz en la estructura. Consultar al equipo de ventas de Flos arquitectural.

- SA.1022.3.001
- SA.1022.3.002
- SA.1022.3.004
- SA.1022.3.005
- SA.1022.3.006
- SA.1022.3.016
- SA.1022.3.026
- SA.1022.3.027

Soft technology architectonic application that permits perfect integration of the Flos architectural products. For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.

Las referencias no incluyen los productos de Flos arquitectural.

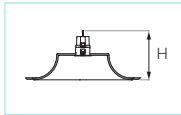
References do not include Flos architectural products.



Productos Flos arquitectural Recomendados / Flos architectural Recommended Products

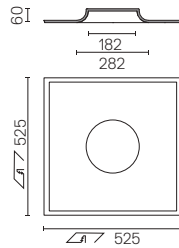
Light Sniper	Easy Kap	Wan Spot	Orbital 135	Pure Downlight 1 NT*	Kap Ø105*	Light Soldier Fixed	Light Soldier Adjustable
H=225	H=247	H=110	H190	H=198	H=290	H=132	H=132
SA.1022.3.001	SA.1022.3.002	SA.1022.3.004	SA.1022.3.005	SA.1022.3.006	SA.1022.3.016	SA.1022.3.026	SA.1022.3.027

* Marco No Trim incluido /
Frame No Trim included



SOFT ARCHITECTURE | IN

USO 500 DESIGNED BY FLOS SOFT ARCHITECTURE



Aplicación arquitectónica de tecnología Soft que permite una perfecta integración de los productos Flos arquitectural. Para una configuración personal, puede añadir puntos de luz en la estructura. Consultar al equipo de ventas de Flos arquitectural.

Soft technology architectonic application that permits perfect integration of the Flos architectural products. For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.















- SA.1024.3.001
- SA.1024.3.002
- SA.1024.3.003
- SA.1024.3.004
- SA.1024.3.005
- SA.1024.3.006
- SA.1024.3.007
- SA.1024.3.009
- SA.1024.3.010
- SA.1024.3.014
- SA.1024.3.015
- SA.1024.3.016
- SA.1024.3.025
- SA.1024.3.026
- SA.1024.3.027

Las referencias no incluyen los productos de Flos arquitectural.

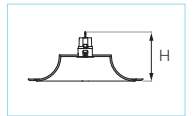
References do not include Flos architectural products.



Productos Flos architectural Recomendados / Flos architectural Recommended Products

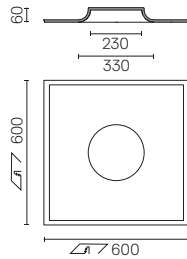
Light Sniper	Easy Kap	Wan Downlight	Wan Spot	Orbital 135	Pure Downlight 1 NT*	Pure Downlight 2 T	Compass Ø162	Pure Downlight 2 NT*
								
H=225	H=247	H=171	H=110	H=190	H=198	H=195	H=280	H=198
SA.1024.3.001	SA.1024.3.002	SA.1024.3.003	SA.1024.3.004	SA.1024.3.005	SA.1024.3.006	SA.1024.3.007	SA.1024.3.009	SA.1024.3.010
Kap Ø145*	Pure Downlight 1 T	Kap Ø105*	Decofix 1L Round	Light Soldier Fixed	Light Soldier Adjustable			
								
H=290	H=195	H=290	H=186	H=132	H=132			
SA.1024.3.014	SA.1024.3.015	SA.1024.3.016	SA.1024.3.025	SA.1024.3.026	SA.1024.3.027			

* Marco No Trim incluido /
Frame No Trim included



SOFT ARCHITECTURE | IN

USO 600 DESIGNED BY FLOS SOFT ARCHITECTURE



Aplicación arquitectónica de tecnología Soft que permite una perfecta integración de los productos Flos arquitectural. Para una configuración personal, puede añadir puntos de luz en la estructura. Consultar al equipo de ventas de Flos arquitectural.

Soft technology architectonic application that permits perfect integration of the Flos architectural products. For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.

- SA.1030.3.001
- SA.1030.3.002
- SA.1030.3.003
- SA.1030.3.004
- SA.1030.3.005
- SA.1030.3.006
- SA.1030.3.007
- SA.1030.3.009
- SA.1030.3.010
- SA.1030.3.011
- SA.1030.3.012
- SA.1030.3.013
- SA.1030.3.014
- SA.1030.3.015
- SA.1030.3.016
- SA.1030.3.025
- SA.1030.3.026
- SA.1030.3.027

Las referencias no incluyen los productos de Flos arquitectural.

References do not include Flos architectural products.



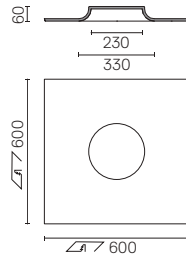
Productos Flos architectural Recomendados / Flos architectural Recommended Products

Light Sniper	Easy Kap	Wan Downlight	Wan Spot	Orbital 135	Pure Downlight 1 NT*	Pure Downlight 2 T	Compass Ø162	Pure Downlight 2 NT*
 H=225 SA.1030.3.001	 H=247 SA.1030.3.002	 H=171 SA.1030.3.003	 H=110 SA.1030.3.004	 H=190 SA.1030.3.005	 H=198 SA.1030.3.006	 H=195 SA.1030.3.007	 H=280 SA.1030.3.009	 H=198 SA.1030.3.010
Pure Downlight 3 T	Downtown** Ø215	Ecolight	Pure Downlight 3 NT*	Kap Ø145*	Pure Downlight 1 T	Kap Ø105*	Decofix 1L Round	Light Soldier Fixed
 H=200 SA.1030.3.011	 H=247 SA.1030.3.012	 H=247	 H=203 SA.1030.3.013	 H=290 SA.1030.3.014	 H=195 SA.1030.3.015	 H=290 SA.1030.3.016	 H=186 SA.1030.3.025	 H=132 SA.1030.3.026
Light Soldier Adjustable	* Marco No Trim incluido / Frame No Trim included							
 H=132 SA.1030.3.027								

** Para este modelo el accesorio IP64 no es compatible.
Accessory IP64 is not compatible with this model.

SOFT ARCHITECTURE | IN

USO 600 FOR MODULAR CEILING DESIGNED BY FLOS SOFT ARCHITECTURE



Aplicación arquitectónica de tecnología Soft para techos modulares que permite una perfecta integración de los productos Flos arquitectural. Para una configuración personal, puede añadir puntos de luz en la estructura. Consultar al equipo de ventas de Flos arquitectural.

Soft technology architectonic application for modular ceilings that permits perfect integration of the Flos architectural products. For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.


SA.1047.3.001
SA.1047.3.002
SA.1047.3.003
SA.1047.3.004
SA.1047.3.005
SA.1047.3.006
SA.1047.3.007
SA.1047.3.009
SA.1047.3.010
SA.1047.3.011
SA.1047.3.012
SA.1047.3.013
SA.1047.3.014
SA.1047.3.015
SA.1047.3.016
SA.1047.3.025
SA.1047.3.026
SA.1047.3.027

Las referencias no incluyen los productos de Flos arquitectural.

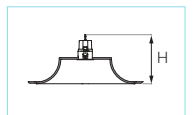
References do not include Flos architectural products.



Productos Flos arquitectural Recomendados / Flos architectural Recommended Products

Light Sniper	Easy Kap	Wan Downlight	Wan Spot	Orbital 135	Pure Downlight 1 NT*	Pure Downlight 2 T	Compass Ø162	Pure Downlight 2 NT*
								
H=225	H=247	H=171	H=110	H=190	H=198	H=195	H=280	H=198
SA.1047.3.001	SA.1047.3.002	SA.1047.3.003	SA.1047.3.004	SA.1047.3.005	SA.1047.3.006	SA.1047.3.007	SA.1047.3.009	SA.1047.3.010
Pure Downlight 3 T	Downtown** Ø215	Ecolight	Pure Downlight 3 NT*	Kap Ø145*	Pure Downlight 1 T	Kap Ø105*	Decofix 1L Round	Light Soldier Fixed
								
H=200	H=247	H=247	H=203	H=290	H=195	H=290	H=186	H=132
SA.1047.3.011	SA.1047.3.012		SA.1047.3.013	SA.1047.3.014	SA.1047.3.015	SA.1047.3.016	SA.1047.3.025	SA.1047.3.026
Light Soldier Adjustable								
								
H=132								
SA.1047.3.027								

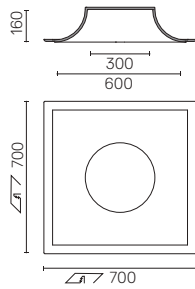
* Marco No Trim incluido / Frame No Trim included



** Para este modelo el accesorio IP64 no es compatible.
Accessory IP64 is not compatible with this model.

SOFT ARCHITECTURE | IN

USO 700 DESIGNED BY FLOS SOFT ARCHITECTURE



Aplicación arquitectónica de tecnología Soft que permite una perfecta integración de los productos Flos arquitectural. Para una configuración personal, puede añadir puntos de luz en la estructura. Consultar al equipo de ventas de Flos arquitectural.

Soft technology architectonic application that permits perfect integration of the Flos architectural products. For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.

- SA.1002.3.001
- SA.1002.3.002
- SA.1002.3.003
- SA.1002.3.004
- SA.1002.3.005
- SA.1002.3.006
- SA.1002.3.007
- SA.1002.3.009
- SA.1002.3.010
- SA.1002.3.011
- SA.1002.3.012
- SA.1002.3.013
- SA.1002.3.014
- SA.1002.3.015
- SA.1002.3.016
- SA.1002.3.025
- SA.1002.3.026
- SA.1002.3.027

Las referencias no incluyen los productos de Flos arquitectural.

References do not include Flos architectural products.

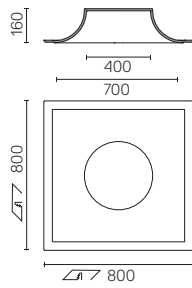


Productos Flos arquitectural Recomendados / Flos architectural Recommended Products

Light Sniper	Easy Kap	Wan Downlight	Wan Spot	Orbital 135	Pure Downlight 1 NT*	Pure Downlight 2 T	Compass Ø162	Pure Downlight 2 NT*
 H=325 SA.1002.3.001	 H=347 SA.1002.3.002	 H=271 SA.1002.3.003	 H=210 SA.1002.3.004	 H=290 SA.1002.3.005	 H=298 SA.1002.3.006	 H=295 SA.1002.3.007	 H=380 SA.1002.3.009	 H=298 SA.1002.3.010
Pure Downlight 3 T	Downtown Ø215	Ecolight	Pure Downlight 3 NT*	Kap Ø145*	Pure Downlight 1 T	Kap Ø105*	Decofix 1L Round	Light Soldier Fixed
 H=300 SA.1002.3.011	 H=347 SA.1002.3.012	 H=347 SA.1002.3.012	 H=303 SA.1002.3.013	 H=390 SA.1002.3.014	 H=295 SA.1002.3.015	 H=390 SA.1002.3.016	 H=286 SA.1002.3.025	 H=232 SA.1002.3.026
Light Soldier Adjustable	* Marco No Trim incluido / Frame No Trim included							
 H=232 SA.1002.3.027								

SOFT ARCHITECTURE | IN

USO 800 DESIGNED BY FLOS SOFT ARCHITECTURE



Aplicación arquitectónica de tecnología Soft que permite una perfecta integración de los productos Flos arquitectural. Para una configuración personal, puede añadir puntos de luz en la estructura. Consultar al equipo de ventas de Flos arquitectural.

Soft technology architectonic application that permits perfect integration of the Flos architectural products. For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.















- SA.1003.3.001
- SA.1003.3.002
- SA.1003.3.003
- SA.1003.3.004
- SA.1003.3.005
- SA.1003.3.007
- SA.1003.3.009
- SA.1003.3.011
- SA.1003.3.012
- SA.1003.3.015
- SA.1003.3.017
- SA.1003.3.025
- SA.1003.3.026
- SA.1003.3.027

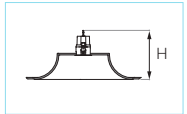
Las referencias no incluyen los productos de Flos arquitectural.

References do not include Flos architectural products.



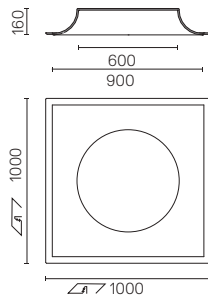
Productos Flos arquitectural Recomendados / Flos architectural Recommended Products

Light Sniper	Easy Kap	Wan Downlight	Wan Spot	Orbital 135	Pure Downlight 2 T	Compass Ø162	Pure Downlight 3 T	Downtown Ø215
								
H=325	H=347	H=271	H=210	H=290	H=295	H=380	H=300	H=347
SA.1003.3.001	SA.1003.3.002	SA.1003.3.003	SA.1003.3.004	SA.1003.3.005	SA.1003.3.007	SA.1003.3.009	SA.1003.3.011	SA.1003.3.012
Ecolight	Pure Downlight 1 T	Kap Ø145 Hold	Decofix 1L Round	Light Soldier Fixed	Light Soldier Adjustable			
								
H=347	H=295	H=390	H=286	H=232	H=232			
SA.1003.3.012	SA.1003.3.015	SA.1003.3.017	SA.1003.3.025	SA.1003.3.026	SA.1003.3.027			



SOFT ARCHITECTURE | IN

USO 1000 DESIGNED BY FLOS SOFT ARCHITECTURE



Aplicación arquitectónica de tecnología Soft que permite una perfecta integración de los productos Flos arquitectural. Para una configuración personal, puede añadir puntos de luz en la estructura. Consultar al equipo de ventas de Flos arquitectural.

Soft technology architectonic application that permits perfect integration of the Flos architectural products. For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.
















- SA.1004.3.001
- SA.1004.3.002
- SA.1004.3.003
- SA.1004.3.004
- SA.1004.3.005
- SA.1004.3.007
- SA.1004.3.009
- SA.1004.3.011
- SA.1004.3.012
- SA.1004.3.015
- SA.1004.3.017
- SA.1004.3.025
- SA.1004.3.026
- SA.1004.3.027

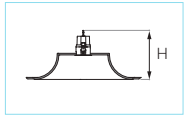
Las referencias no incluyen los productos de Flos arquitectural.

References do not include Flos architectural products.



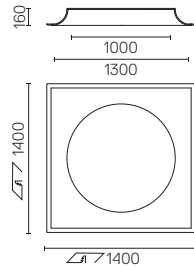
Productos Flos arquitectural Recomendados / Flos architectural Recommended Products

Light Sniper	Easy Kap	Wan Downlight	Wan Spot	Orbital 135	Pure Downlight 2 T	Compass Ø162	Pure Downlight 3 T	Downtown Ø215
								
H=325	H=347	H=271	H=210	H=290	H=295	H=380	H=300	H=347
SA.1004.3.001	SA.1004.3.002	SA.1004.3.003	SA.1004.3.004	SA.1004.3.005	SA.1004.3.007	SA.1004.3.009	SA.1004.3.011	SA.1004.3.012
Ecolight	Pure Downlight 1 T	Kap Ø145 Hold	Decofix 1L Round	Light Soldier Fixed	Light Soldier Adjustable			
								
H=347	H=295	H=390	H=286	H=232	H=232			
SA.1004.3.012	SA.1004.3.015	SA.1004.3.017	SA.1004.3.025	SA.1004.3.026	SA.1004.3.027			



SOFT ARCHITECTURE | IN

USO 1400 DESIGNED BY FLOS SOFT ARCHITECTURE



Aplicación arquitectónica de tecnología Soft que permite una perfecta integración de los productos Flos arquitectural. Para una configuración personal, puede añadir puntos de luz en la estructura. Consultar al equipo de ventas de Flos arquitectural.

Soft technology architectonic application that permits perfect integration of the Flos architectural products. For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.
















SA.1005.3.001
SA.1005.3.002
SA.1005.3.003
SA.1005.3.004
SA.1005.3.005
SA.1005.3.007
SA.1005.3.009
SA.1005.3.011
SA.1005.3.012
SA.1005.3.015
SA.1005.3.017
SA.1005.3.025
SA.1005.3.026
SA.1005.3.027

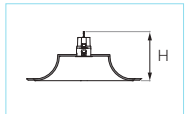
Las referencias no incluyen los productos de Flos arquitectural.

References do not include Flos architectural products.



Productos Flos arquitectural Recomendados / Flos architectural Recommended Products

Light Sniper	Easy Kap	Wan Downlight	Wan Spot	Orbital 135	Pure Downlight 2 T	Compass Ø162	Pure Downlight 3 T	Downtown Ø215
								
H=325	H=347	H=271	H=210	H=290	H=295	H=380	H=300	H=347
SA.1005.3.001	SA.1005.3.002	SA.1005.3.003	SA.1005.3.004	SA.1005.3.005	SA.1005.3.007	SA.1005.3.009	SA.1005.3.011	SA.1005.3.012
Ecolight	Pure Downlight 1 T	Kap Ø145 Hold	Decofix 1L Round	Light Soldier Fixed	Light Soldier Adjustable			
								
H=347	H=295	H=390	H=286	H=232	H=232			
SA.1005.3.012	SA.1005.3.015	SA.1005.3.017	SA.1005.3.025	SA.1005.3.026	SA.1005.3.027			



SOFT ARCHITECTURE | IN

USO 900 COVE LIGHTING DESIGNED BY FLOS SOFT ARCHITECTURE



T5 FH
4xG5
21W
7600 lm



T5 FQ
4xG5
39W
12400 lm



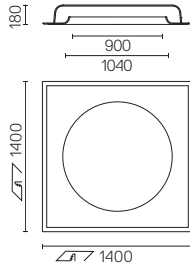
COLD CATHODE
90W
3x30W
7776 lm
3000K
CRI 85



LED WHITE
49W
14x3,5W
3185 lm
3000K
CRI 85



LED RGB
24,5W
14x1,75W
1078 lm
RGB



Luminaria empotrada para ser instalada a techo o pared. Iluminación directa con lámparas de fluorescencia, cátodo frío o LED. Equipos no incluidos en las versiones LED (Páginas 568-569).

Recessed ceiling or wall-mounted luminaire. Direct lighting with fluorescent, cold cathode or LED lamps. Control gear not included in LED versions. (Pages 568-569).

T5 FH
Non Dimmable
SA.1006.4.100
Dimmable 1-10V
SA.1006.4.11V
Dimmable Dali
SA.1006.4.1DA

T5 FQ
Non Dimmable
SA.1006.4.200
Dimmable 1-10V
SA.1006.4.21V
Dimmable Dali
SA.1006.4.2DA

Cold Cathode
SA.1006.4.300

LED White
SA.1006.5.110

LED RGB
SA.1006.6A100



LED



LED INCL.
NOT REPLACEABLE

T5

COLD CATHODE

SOFT ARCHITECTURE | IN

USO 1700 COVE LIGHTING DESIGNED BY FLOS SOFT ARCHITECTURE



T5 FH
8xG5
21W
15200 1m

Se sirve en dos piezas.

Delivered in two pieces.

T5 FQ
8xG5
39W
24800 1m



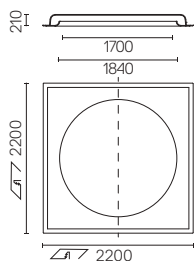
COLD CATHODE
161W
4x40W
13824 1m
3000K
CRI 85



LED WHITE
91W
13x7W
5915 1m
3000K
CRI 85



LED RGB
45,5W
13x3,5W
2002 1m
RGB



Luminaria empotrada para ser instalada a techo o pared. Iluminación directa con lámparas de fluorescencia, cátodo frío o LED. Equipos no incluidos en las versiones LED (Páginas 568-569).

Recessed ceiling or wall-mounted luminaire. Direct lighting with fluorescent, cold cathode or LED lamps. Control gear not included in LED versions. (Pages 55568-569).

T5 FH
Non Dimmable
SA.1007.4.100
Dimmable 1-10V
SA.1007.4.11V
Dimmable Dali
SA.1007.4.1DA

T5 FQ
Non Dimmable
SA.1007.4.200
Dimmable 1-10V
SA.1007.4.21V
Dimmable Dali
SA.1007.4.2DA

Cold Cathode
SA.1007.4.300

LED White
SA.1007.5.110

LED RGB
SA.1007.6A100



LED



LED INCL.
NOT REPLACEABLE

T5
COLD CATHODE

SOFT ARCHITECTURE | IN

USO 2200 COVE LIGHTING DESIGNED BY FLOS SOFT ARCHITECTURE



T5 FH
8xG5
28W
20800 1m

Se sirve en dos piezas.

Delivered in two pieces.

T5 FQ
8xG5
54W
35600 1m



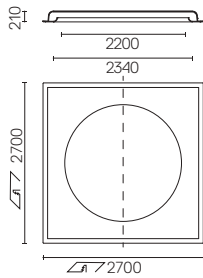
COLD CATHODE
205W
4x51W
17568 1m
3000K
CRI 85



LED WHITE
112W
16x7W
7280 1m
3000K
CRI 85



LED RGB
56W
16x3,5W
2464 1m
RGB



Luminaria empotrada para ser instalada a techo o pared. Iluminación directa con lámparas de fluorescencia, cátodo frío o LED. Equipos no incluidos en las versiones LED (Páginas 568-569).

Recessed ceiling or wall-mounted luminaire. Direct lighting with fluorescent, cold cathode or LED lamps. Control gear not included in LED versions. (Pages 568-569).

T5 FH
Non Dimmable
SA.1008.4.100
Dimmable 1-10V
SA.1008.4.11V
Dimmable Dali
SA.1008.4.1DA

T5 FQ
Non Dimmable
SA.1008.4.200
Dimmable 1-10V
SA.1008.4.21V
Dimmable Dali
SA.1008.4.2DA

Cold Cathode
SA.1008.4.300

LED White
SA.1008.5.110

LED RGB
SA.1008.6A100



LED



T5

COLD CATHODE

LED INCL.
NOT REPLACEABLE

SOFT ARCHITECTURE | IN

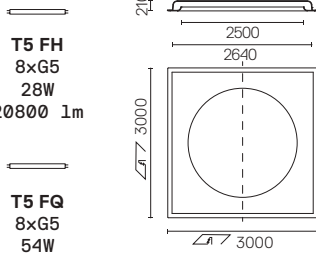
USO 2500 COVE LIGHTING DESIGNED BY FLOS SOFT ARCHITECTURE



T5 FH
8xG5
28W
20800 1m

Se sirve en dos piezas.

Delivered in two pieces.



Luminaria empotrada para ser instalada a techo o pared. Iluminación directa con lámparas de fluorescencia, cátodo frío o LED. Equipos no incluidos en las versiones LED (Páginas 568-569).

Recessed ceiling or wall-mounted luminaire. Direct lighting with fluorescent, cold cathode or LED lamps. Control gear not included in LED versions. (Pages 568-569).

T5 FH
Non Dimmable
SA.1009.4.100
Dimmable 1-10V
SA.1009.4.11V
Dimmable Dali
SA.1009.4.1DA

T5 FQ
Non Dimmable
SA.1009.4.200
Dimmable 1-10V
SA.1009.4.21V
Dimmable Dali
SA.1009.4.2DA

Cold Cathode
SA.1009.4.300

LED White
SA.1009.5.110

LED RGB
SA.1009.6A100



COLD CATHODE
230W
19728 1m
3000K
CRI 85



LED WHITE
126W
18x7W
8190 1m
3000K
CRI 85



LED RGB
63W
18x3,5W
2772 1m
RGB



LED



LED INCL.
NOT REPLACEABLE

T5
COLD CATHODE

SOFT ARCHITECTURE | IN

USO 100 50 COVE LIGHTING DESIGNED BY FLOS SOFT ARCHITECTURE



T5 FH
4xG5
14W
4800 lm

T5 FQ
4xG5
24W
7000 lm



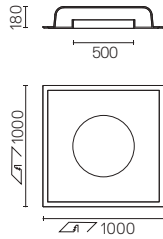
COLD CATHODE
58W
3x19W
4968 lm
3000K
CRI 85



LED WHITE
28W
8x3,5W
1820 lm
3000K
CRI 85



LED RGB
14W
8x1,75W
616 lm
RGB



Luminaria empotrada para ser instalada a techo o pared. Iluminación directa con lámparas de fluorescencia, cátodo frío o LED. Equipos no incluidos en las versiones LED (Páginas 568-569).

Recessed ceiling or wall-mounted luminaire. Direct lighting with fluorescent, cold cathode or LED lamps. Control gear not included in LED versions. (Pages 568-5697).

T5 FH
Non Dimmable
SA.1010.4.100

T5 FQ
Non Dimmable
SA.1010.4.200

Cold Cathode
SA.1010.4.300

LED White
SA.1010.5.110

LED RGB
SA.1010.6.100



LED



LED INCL.
NOT REPLACEABLE

T5
COLD CATHODE

SOFT ARCHITECTURE | IN

USO 140 90 COVE LIGHTING DESIGNED BY FLOS SOFT ARCHITECTURE



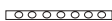
T5 FH
4xG5
21W
7600 1m



T5 FQ
4xG5
39W
12400 1m



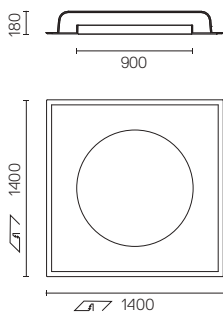
COLD CATHODE
90W
3x30W
7776 1m
3000K
CRI 85



LED WHITE
49W
14x3,5W
3185 1m
3000K
CRI 85



LED RGB
24,5W
14x1,75W
1078 1m
RGB



Luminaria empotrada para ser instalada a techo o pared. Iluminación directa con lámparas de fluorescencia, cátodo frío o LED. Equipos no incluidos en las versiones LED (Páginas 568-569).

Recessed ceiling or wall-mounted luminaire. Direct lighting with fluorescent, cold cathode or LED lamps. Control gear not included in LED versions. (Pages 568-569).

T5 FH
Non Dimmable
SA.1011.4.100
Dimmable 1-10V
SA.1011.4.11V
Dimmable Dali
SA.1011.4.1DA

T5 FQ
Non Dimmable
SA.1011.4.200
Dimmable 1-10V
SA.1011.4.21V
Dimmable Dali
SA.1011.4.2DA

Cold Cathode
SA.1011.4.300

LED White
SA.1011.5.110

LED RGB
SA.1011.6.100



LED



LED INCL.
NOT REPLACEABLE

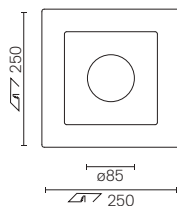
T5

COLD CATHODE

ROUND LIGHT SMALL DESIGNED BY FLOS SOFT ARCHITECTURE



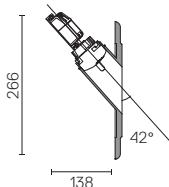
LED WHITE
1W
60 1m
3000K
CRI>90



Luminaria empotrada de señalización para aplicación interior. Fuente de alimentación 100/240V incluida.

SA.3010.1A

Recessed sign luminaire for indoor application. 100/240V power supply source included.



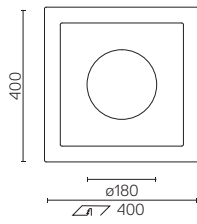
LED INCL.
NOT REPLACEABLE

SOFT ARCHITECTURE | IN

ROUND LIGHT MEDIUM DESIGNED BY FLOS SOFT ARCHITECTURE



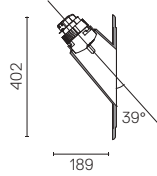
LED WHITE
6W
320 lm
3000K
CRI>90



Luminaria empotrada de señalización para aplicación interior. Fuente de alimentación 100/240V incluida.

SA.3011.1A

Recessed sign luminaire for indoor application. 100/240V power supply source included.

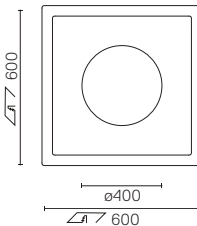


LED INCL.
NOT REPLACEABLE

ROUND LIGHT LARGE DESIGNED BY FLOS SOFT ARCHITECTURE



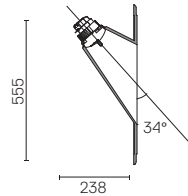
LED WHITE
6W
320 lm
3000K
CRI>90



Luminaria empotrada de señalización para aplicación interior. Fuente de alimentación 100/240V incluida.

SA.3012.1A

Recessed sign luminaire for indoor application. 100/240V power supply source included.

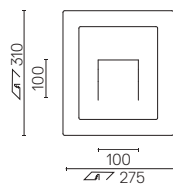


LED INCL.
NOT REPLACEABLE

SQUARE LIGHT SMALL DESIGNED BY FLOS SOFT ARCHITECTURE



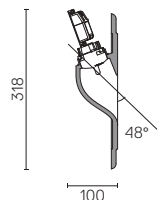
LED WHITE
1W
60 lm
3000K
CRI>90



Luminaria empotrada de señalización para aplicación interior. Fuente de alimentación 100/240V incluida.

SA.3013.1A

Recessed sign luminaire for indoor application. 100/240V power supply source included.



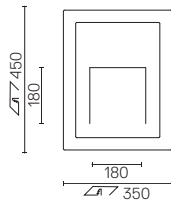
LED INCL.
NOT REPLACEABLE

SOFT ARCHITECTURE | IN

SQUARE LIGHT LARGE DESIGNED BY FLOS SOFT ARCHITECTURE



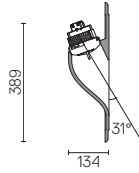

LED WHITE
6W
320 lm
3000K
CRI>90



Luminaria empotrada de señalización para aplicación interior. Fuente de alimentación 100/240V incluida.

SA.3014.1A

Recessed sign luminaire for indoor application. 100/240V power supply source included.

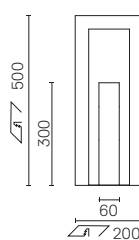


LED INCL.
NOT REPLACEABLE

VERTICAL LIGHT SMALL DESIGNED BY FLOS SOFT ARCHITECTURE



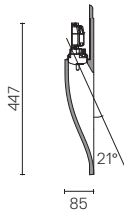

LED WHITE
1W
60 lm
3000K
CRI>90



Luminaria empotrada de señalización para aplicación interior. Fuente de alimentación 100/240V incluida.

SA.3015.1A

Recessed sign luminaire for indoor application. 100/240V power supply source included.



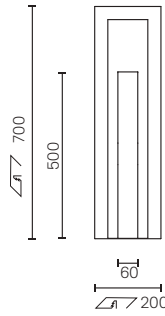
LED INCL.
NOT REPLACEABLE

SOFT ARCHITECTURE | IN

VERTICAL LIGHT LARGE DESIGNED BY FLOS SOFT ARCHITECTURE



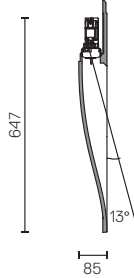
LED WHITE
1W
60 lm
3000K
CRI>90



Luminaria empotrada de señalización para aplicación interior. Fuente de alimentación 100/240V incluida.

SA.3016.1A

Recessed sign luminaire for indoor application. 100/240V power supply source included.

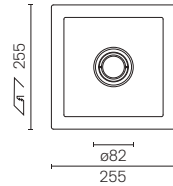


LED INCL.
NOT REPLACEABLE

USB ROUND 1L DESIGNED BY FLOS SOFT ARCHITECTURE



QR-CBC-51
1xGU5.3
MAX 50W

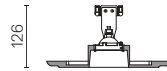


Luminaria empotrable para lámpara halógena de 12V. 220/240V, 50/60Hz. Posibilidad de regulación "leading and trailing edge" (fase ascendente y descendente). Transformador remoto no incluido.

SA.3017.1

Equipos Electrónicos / Electrical
20/105W
60.8139

Recessed luminaire for 12V halogen lamp. 220/240V, 50/60Hz. Adjustable by means of "leading and trailing edge". Remote transformer not included.



Accessorio
Accessory

Anti-Deslumbramiento.
Accesorio cut-off 40°.

Anti-Glare.
40° cut-off accessory ring.



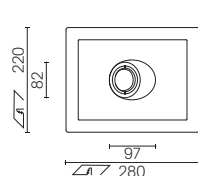
08.8270.00

SOFT ARCHITECTURE | IN

USB ROUND 1L W-W DESIGNED BY FLOS SOFT ARCHITECTURE



QR-CBC-51
1xGU5.3
MAX 50W



Luminaria empotrable para lámpara halógena de 12V. 220/240V, 50/60Hz. Posibilidad de regulación "leading and trailing edge" (fase ascendente y descendente). Transformador remoto no incluido.

SA.3019.1

Equipos Electrónicos / Electrical
20/105W
60.8139



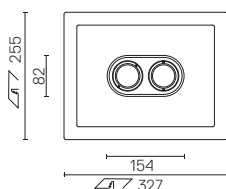
Recessed luminaire for 12V halogen lamp. 220/240V, 50/60Hz. Adjustable by means of "leading and trailing edge". Remote transformer not included.



USB ROUND 2L DESIGNED BY FLOS SOFT ARCHITECTURE



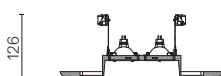
QR-CBC-51
2xGU5.3
MAX 50W



Luminaria empotrable para lámpara halógena de 12V. 220/240V, 50/60Hz. Posibilidad de regulación "leading and trailing edge" (fase ascendente y descendente). Transformador remoto no incluido.

SA.3018.1

Equipos Electrónicos / Electrical
20/105W
60.8139



Recessed luminaire for 12V halogen lamp. 220/240V, 50/60Hz. Adjustable by means of "leading and trailing edge". Remote transformer not included.



Accesorio
Accessory

Anti-Deslumbramiento.
Accesorio cut-off 40°.

Anti-Glare.
40° cut-off accessory ring.

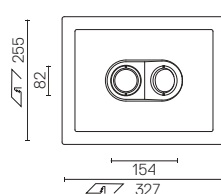


08.8270.00

USB ROUND 2L W-W DESIGNED BY FLOS SOFT ARCHITECTURE



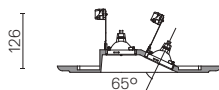
QR-CBC-51
2xGU5.3
MAX 50W



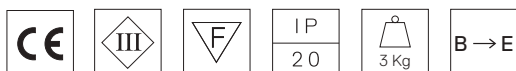
Luminaria empotrable para lámpara halógena de 12V. 220/240V, 50/60Hz. Posibilidad de regulación "leading and trailing edge" (fase ascendente y descendente). Transformador remoto no incluido.

SA.3020.1

Equipos Electrónicos / Electrical
20/105W
60.8139



Recessed luminaire for 12V halogen lamp. 220/240V, 50/60Hz. Adjustable by means of "leading and trailing edge". Remote transformer not included.

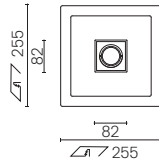


SOFT ARCHITECTURE | IN

USB SQUARE 1L DESIGNED BY FLOS SOFT ARCHITECTURE



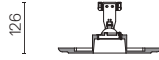
QR-CBC-51
1xGU5.3
MAX 50W



Luminaria empotrable para lámpara halógena de 12V. 220/240V, 50/60Hz. Posibilidad de regulación "leading and trailing edge" (fase ascendente y descendente). Transformador remoto no incluido.

SA.3021.1

Equipos Electrónicos / Electrical
20/105W
60.8139



Recessed luminaire for 12V halogen lamp. 220/240V, 50/60Hz. Adjustable by means of "leading and trailing edge". Remote transformer not included.



Accesorio
Accessory

Anti-Deslumbramiento.
Accesorio cut-off 40°.

Anti-Glare.
40° cut-off accessory ring.

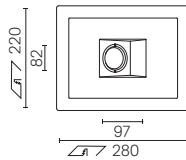


08.8270.00

USB SQUARE 1L W-W DESIGNED BY FLOS SOFT ARCHITECTURE



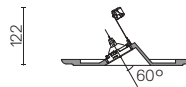
QR-CBC-51
1xGU5.3
MAX 50W



Luminaria empotrable para lámpara halógena de 12V. 220/240V, 50/60Hz. Posibilidad de regulación "leading and trailing edge" (fase ascendente y descendente). Transformador remoto no incluido.

SA.3009.1

Equipos Electrónicos / Electrical
20/105W
60.8139



Recessed luminaire for 12V halogen lamp. 220/240V, 50/60Hz. Adjustable by means of "leading and trailing edge". Remote transformer not included.

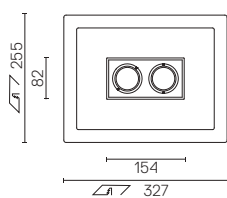


SOFT ARCHITECTURE | IN

USB SQUARE 2L DESIGNED BY FLOS SOFT ARCHITECTURE



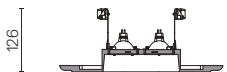
QR-CBC-51
2xGU5.3
MAX 50W



Luminaria empotrable para lámpara halógena de 12V. 220/240V, 50/60Hz. Posibilidad de regulación "leading and trailing edge" (fase ascendente y descendente). Transformador remoto no incluido.

SA.3022.1

Equipos Electrónicos / Electrical
20/105W
60.8139



Recessed luminaire for 12V halogen lamp. 220/240V, 50/60Hz. Adjustable by means of "leading and trailing edge". Remote transformer not included.



Accesorio
Accessory

Anti-Deslumbramiento.
Accesorio cut-off 40°.

Anti-Glare.
40° cut-off accessory ring.

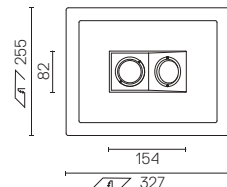


08.8270.00

USB SQUARE 2L W-W DESIGNED BY FLOS SOFT ARCHITECTURE



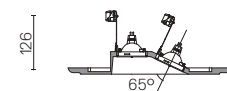
QR-CBC-51
2xGU5.3
MAX 50W



Luminaria empotrable para lámpara halógena de 12V. 220/240V, 50/60Hz. Posibilidad de regulación "leading and trailing edge" (fase ascendente y descendente). Transformador remoto no incluido.

SA.3023.1

Equipos Electrónicos / Electrical
20/105W
60.8139

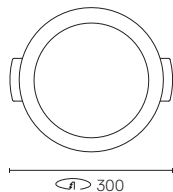
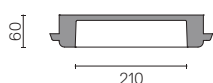


Recessed luminaire for 12V halogen lamp. 220/240V, 50/60Hz. Adjustable by means of "leading and trailing edge". Remote transformer not included.



SOFT ARCHITECTURE | IN

USB BOX ROUND 210 DESIGNED BY FLOS SOFT ARCHITECTURE



Aplicación arquitectónica de tecnología Soft que permite una perfecta integración de los productos Flos arquitectural.

Para una configuración personal, puede añadir puntos de luz en la estructura. Consultar al equipo de ventas de Flos arquitectural.

Soft technology architectonic application that permits perfect integration of the Flos architectural products.

For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.










SA.3008.3.001
SA.3008.3.002
SA.3008.3.003
SA.3008.3.004
SA.3008.3.005
SA.3008.3.006
SA.3008.3.007
SA.3008.3.009
SA.3008.3.010
SA.3008.3.011
SA.3008.3.013
SA.3008.3.014
SA.3008.3.015
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SA.3008.3.025
SA.3008.3.026
SA.3008.3.027

Las referencias no incluyen los productos de Flos arquitectural.

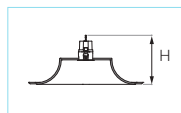
References do not include Flos architectural products.



Productos Flos arquitectural Recomendados / Flos architectural Recommended Products

Light Sniper	Easy Kap	Wan Downlight	Wan Spot	Orbital 135	Pure Downlight 1 NT*	Pure Downlight 2 T	Compass Ø162	Pure Downlight 2 NT*
								
H=225	H=247	H=171	H=110	H=190	H=198	H=195	H=280	H=198
SA.3008.3.001	SA.3008.3.002	SA.3008.3.003	SA.3008.3.004	SA.3008.3.005	SA.3008.3.006	SA.3008.3.007	SA.3008.3.009	SA.3008.3.010
Pure Downlight 3 T	Pure Downlight 3 NT*	Kap Ø145*	Pure Downlight 1 T	Kap Ø105*	Decofix 1L Round	Light Soldier Fixed	Light Soldier Adjustable	
								
H=200	H=203	H=290	H=195	H=290	H=186	H=132	H=132	
SA.3008.3.011	SA.3008.3.013	SA.3008.3.014	SA.3008.3.015	SA.3008.3.016	SA.3008.3.025	SA.3008.3.026	SA.3008.3.027	

* Marco No Trim incluido /
Frame No Trim included

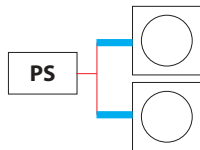


SOFT ARCHITECTURE | IN

LED DRIVERS

For: Uso Cove Lighting: Uso 900 C.L., Uso 1700 C.L., Uso 2200 C.L., Uso 2500 C.L., Uso 100 50 C.L., Uso 140 90 C.L.

Non Dimmable



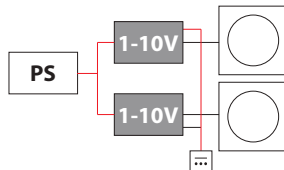
Cableado Wiring

500mm de cable de alimentación para módulos LED blancos con conexión rápida. Es necesario uno por cada USO. Para cada Uso Cove Lighting 1700, Uso Cove Lighting 2200 Y Uso Cove Lighting 2500 son necesarias 2 unidades. Unidad de alimentación electrónica no incluida.

500mm feed cable for white LED modules with fast connection. Necessary one for each USO. For each Uso Cove Lighting 1700, Uso Cove Lighting 2200 And Uso Cove Lighting 2500 are necessary 2 units. Electronic power supply not included.

White
06.1016.00

Dimmable 1-10V



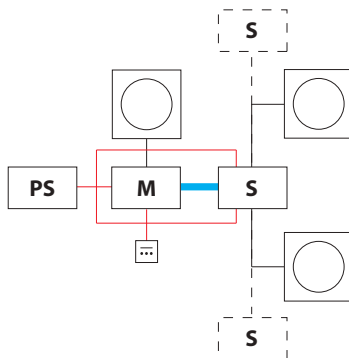
Interfaz Regulable Dimmable Interface

Interfaz regulable de 1-10V con 500mm de cable de alimentación para módulos LED blancos con conexión rápida. Es necesario uno por cada USO. Unidad de alimentación electrónica no incluida.

1-10V dimmable interface with 500mm feed cable for white LED modules with fast connection. Necessary one for each USO. Electronic power supply not included.

White
06.1022.00
1-10V

Interfaces Regulables Dimmable Interfaces



Interfaz "Master" DALI con un distribuidor de 5 polos y un cable de alimentación de 500mm para una fácil conexión. Posibilidad de controlar un producto USO. Si existe más de un producto USO en la misma instalación, es necesario ampliar la señal con interfaces "Slave". Unidad de alimentación electrónica no incluida.

DALI Master interface with one 5 pole distributor and one 500mm feed cable for easy connection. It's able to control one USO. If more USOs are in the same installation it's necessary to expand the signal with Slave interfaces. Electronic power supply not included.

White
06.1019.00
M
RGB
06.1012.00
M

Interfaz "Master" DMX con un distribuidor de 5 polos y un cable de alimentación de 500mm para una fácil conexión. Posibilidad de controlar un producto USO. Si existe más de un producto USO en la misma instalación, es necesario ampliar la señal con interfaces "Slave". Unidad de alimentación electrónica no incluida.

DMX Master interface with one 5 pole distributor and one 500mm feed cable for easy connection. It's able to control one USO. If more USOs are in the same installation it's necessary to expand the signal with Slave interfaces. Electronic power supply not included.

06.1005.00
M

Interfaz "Master" RGB Radio Frecuencia (RF) con un distribuidor de 5 polos y un cable de alimentación de 500mm para una fácil conexión. Transmisor de pared integrado para crear cambios de color. Posibilidad de controlar un producto USO. Si existe más de un producto USO en la misma instalación, es necesario ampliar la señal con interfaces "Slave". Unidad de alimentación electrónica no incluida.

Radio Frequency (RF) RGB Master interface with one 5 pole distributor and one 500mm feed cable for easy connection. Wall transmitter to make color changing integrated. It's able to control one USO. If more USOs are in the same installation it's necessary to expand the signal with Slave interfaces. Electronic power supply not included.

06.1013.00
M

— El instalador lo suministra / Installer provides






SOFT ARCHITECTURE | IN

LED DRIVERS

For: Uso Cove Lighting: Uso 900 C.L., Uso 1700 C.L., Uso 2200 C.L., Uso 2500 C.L., Uso 100 50 C.L., Uso 140 90 C.L.

Interfaces Regulables Dimmable Interfaces		White	RGB
<p>Interfaz "Slave" para ampliar la señal DALI/DMX/RF con dos distribuidores de 5 polos y dos cables de alimentación de 500mm para una fácil conexión. Posibilidad de ampliar la señal "Master" en dos USO. Si existen más de dos productos USO en la misma instalación, es necesario ampliar la señal con más interfaces "Slave". Unidad de alimentación electrónica no incluida.</p> <p>Slave interface to expand the DALI/DMX/RF signal with two 5 pole distributors and two 500mm feed cables for easy connection. It's able to expand the Master signal in two USOs. If more USOs are in the same installation it's necessary to expand the signal with more Slave interfaces. Electronic power supply not included.</p>		06.1020.00 S	06.1014.00 S
<p>2 metros de prolongación de cable para módulos LED con conexión rápida. Pueden conectarse entre sí para una mayor longitud. 20 metros máximo.</p> <p>2 meters prolongation cable for LED modules with fast connection. Can be connected with each other to greater length. 20 meters max.</p>		08.8297.00 —	08.8298.00 —
Unidad de Alimentación / Power Supply			
Instalación en Falso Techo Installation in False Ceiling	PS	Instalación Remota en Cuadro Eléctrico Remote Installation Electrical Panel	PS
Electrónica 20W / Electronic 20W Fuente de alimentación / Power supply LED. 20W – 24V. 100-240V, 50-60Hz.	60.8495	Electrónica 150W / Electronic 150W Fuente de alimentación / Power supply LED. 150W – 24V. 100-240V, 50-60Hz.	60.8220
Electrónica 60W / Electronic 60W Fuente de alimentación / Power supply LED. 60W – 24V. 100-240V, 50-60Hz.	60.8496	Electrónica 240W / Electronic 240W Fuente de alimentación / Power supply LED. 240W – 24V. 100-240V, 50-60Hz.	60.8268
Electrónica 100W / Electronic 100W Fuente de alimentación / Power supply LED. 100W – 24V. 100-240V, 50-60Hz.	60.8497	Electrónica 480W / Electronic 480W Fuente de alimentación / Power supply LED. 480W – 24V. 100-240V, 50-60Hz.	60.8452
		Electrónica 750W / Electronic 750W Fuente de alimentación / Power supply LED. 750W – 24V. 100-240V, 50-60Hz.	60.8453

Tablas de Instalación / Installation Guidelines

	White							RGB							
	20W	60W	100W	150W	240W	480W	750W	20W	60W	100W	150W	240W	480W	750W	
Uso 900 Cove Lighting	-	1	2	3	4	8	15	1	3	5	7	12	24	38	
Uso 1700 Cove Lighting	-	-	1	1	2	4	7	-	1	2	4	6	13	20	
Uso 2200 Cove Lighting	-	-	-	1	2	4	6	-	1	2	3	5	10	16	
Uso 2500 Cove Lighting	-	-	-	1	1	3	5	-	1	1	2	4	9	14	
Uso 100 50 Cove Lighting	-	2	3	5	8	16	26	1	5	8	13	21	42	66	
Uso 140 90 Cove Lighting	-	1	2	3	3	8	15	1	3	5	7	12	24	38	
Sección de cable (el instalador lo suministra) Cable section (installer provides)	0,5mm ²	0,5mm ²	0,75mm ²	0,75mm ²	1mm ²	2,5mm ²	6mm ²	0,5mm ²	0,5mm ²	0,75mm ²	0,75mm ²	1mm ²	2,5mm ²	6mm ²	
Distancia máxima Max distance		5m	10m	15m	30m	50m	100m	250m	5m	10m	15m	30m	50m	100m	250m
Distancia máxima Max distance		20m							20m						
Distancia máxima Max distance		20m							20m						
* Máxima longitud módulos LED conectados con Max lenght LED connected to		50W							50W						
Máxima longitud módulos LED conectados con Max lenght LED connected to		100W							100W						

* Atención: Para cada Uso Cove Lighting 1700, Uso Cove Lighting 2200 y Uso Cove Lighting 2500, LED blanco = 1 Master + 1 Slave.
Beware: For each Uso Cove Lighting 1700, Uso Cove Lighting 2200 and Uso Cove Lighting 2500, white LED = 1 Master + 1 Slave.

CARACTERÍSTICAS DEL COMPOSITE COMPOSITE CHARACTERISTICS



CARACTERÍSTICAS FÍSICAS

Infiltración de Agua

El material es adecuado para todas las aplicaciones internas y no absorberá el vapor que se produzca por la excesiva humedad. El material no puede ser usado externamente.

Prueba de resistencia al Fuego para productos de construcción

El producto Soft Architecture está clasificado como A1 o A1fl, conforme a las normas UNE-EN 13501-1: 07, y los métodos de prueba UNE-EN ISO 1716:02 y UNE-EN ISO 1182:02.

Resistencia Química

El material no será expuesto a productos químicos líquidos ó cristales delicados.

Aislamiento Térmico

El material tiene un valor de conductividad térmica no superior a 0,47W/m2. deg K.

Densidad

El material tiene una densidad media de 1,65Kg/l.

Características Estructurales

El material tiene las siguientes características (según la norma EN 13279-2:2006).

Desviación Máxima de Carga: 139N a 7,2mm de espesor.

Compresión: La Carga Máxima de Compresión es superior a 10000N.

Dureza: La dureza Shore D-80.

PHYSICAL CHARACTERISTICS

Water Penetration

The material shall be suitable for all internal application, and shall not absorb moisture which may be present through excessive humidity. The material should not be used externally.

Reaction to Fire test for building products

The product Soft Architecture is classified as A1 or A1fl, according to UNE-EN 13501-1: 07, and test methods UNE-EN ISO 1716:02 and UNE-EN ISO 1182:02.

Chemical Resistance

The material shall not be exposed to liquid chemicals or deliquesced crystals.

Thermal Insulation

The material shall have a thermal conductivity value not greater than 0.47W/m. deg K.

Density

The material have a medium density of 1323 Kg/m3.

Structural Characteristics

The material shall have the following characteristics (following EN 13279-2:2006).

Flexion Max Load: 139N at 7.2mm thickness.

Compression: Compression Max. Load shall be bigger than 10000N.

Hardness: Shore C hardness shall be above 90.

CARACTERÍSTICAS DE LOS MATERIALES

Eco Rendimiento del Agua

El agua potable se utiliza en la proporción correcta para ofrecer una óptima utilidad. El agua es reutilizada cíclicamente a través de filtros especiales que previenen daños ecológicos antes de ser reutilizada en el medio ambiente.

Productos de desmolde

Todos los desmolde patentados son incorporados o aplicados externamente a la superficie del molde, para optimizar el tiempo del ciclo y añadir consistencia al acabado. Estos productos no tienen ningún efecto adverso en la superficie de los productos fabricados.

FEATURES OF MATERIALS

Water Eco Efficiency

Clean water from drinking network is used in correct proportion to provide optimum workability. Water is cyclically re-used through special filters to prevent ecologic damages to nature before disposal.

Mould Release Agents

Proprietary mould release agents are incorporated or applied externally to the mould surface, to optimize cycle time and to achieve consistency of surface finish. These agents shall not have any adverse effect upon the surface of the produced item.

DISEÑO & FABRICACIÓN

Diseño

Se ha aplicado la última tecnología 3D para desarrollar todos los componentes. Han sido fabricados y diseñados de acuerdo con un sistema de garantía de calidad totalmente documentado cumpliendo con la norma ISO 9001:2008.

DESIGN & MANUFACTURING

Design

Latest 3D technology has been applied to develop all components. They are being manufactured and designed in accordance with a fully documented quality assurance system complying with ISO 9001:2008.

CONTROL DE CALIDAD

General

Todos los componentes son inspeccionados individualmente para prevenir defectos superficiales o de fabricación.

Normativa: UNE-EN 13815: 06; UNE-EN 14246: 07.

Área

Todos los componentes son inspeccionados individualmente para prevenir defectos de fabricación mayores de 0,5mm a 500mm desde el ángulo.

Uniformidad

Todos los componentes son inspeccionados individualmente para prevenir defectos de uniformidad de fabricación mayores de 1mm en 1m.

Espesor

Todos los componentes para techos continuos son individualmente inspeccionados para prevenir cambios superiores a 2mm de promedio como objetivo de espesor.

Tolerancia Dimensional

Todos los componentes son inspeccionados individualmente para prevenir la tolerancia dimensional por encima de +/- 3mm.

Más información en www.soft-architecture.com.

Eflorescencia

Todos los componentes con la superficie iluminada/visible son inspeccionados individualmente para prevenir la eflorescencia.

Hecho a mano

Este producto ha sido fabricado a mano. Cualquier posible imperfección es debida a su proceso de fabricación artesanal.

QUALITY CONTROL

General

All components are individually inspected to prevent surface or manufacturing defects.

Normative: UNE-EN 13815: 06; UNE-EN 14246: 07.

Squareness

All components are individually inspected to prevent manufacturing defects bigger than 0.5mm to 500mm from corner.

Flatness

All components are individually inspected to prevent flatness manufacturing defects bigger than 1mm in 1m.

Thickness

All components for continuous ceilings are individually inspected to prevent changes bigger than 2mm in mean target thickness.

Dimensional Tolerance

All components are individually inspected to prevent dimensional tolerance above +/- 3mm.

For more info see www.soft-architecture.com.

Eflorescence

All components with illuminated/visible surface are individually inspected to prevent light efflorescence .

Handmade

This product has been manufactured by hand. Any imperfection is because of its handcrafted process.



TÉRMINOS COMUNES COMMON TERMS



CRADLE TO CRADLE

Soft Architecture está diseñado para resistir y minimizar los efectos nocivos sobre el medio ambiente durante la producción. Sostenibilidad, innovación y calidad son nuestros principales objetivos, inspirados por la naturaleza.

CRADLE TO CRADLE

Soft Architecture is designed to last and to minimize the harmful effects on the natural environment during production. sustainability, innovation and quality are our main goals, inspired by nature.

1-10V

1-10V es uno de los primeros y más simples controles de iluminación electrónica. La señal de control es una tensión de corriente continua que varía entre uno y diez voltios. La iluminación controlada debería aumentar su producción de manera que a 10 V. la luz controlada estaría al 100% de su potencial producción, y a 1 V. estaría al 0% de su producción (es decir "apagada").

1-10V

1-10 V is one of the earliest and simplest electronic lighting control. The control signal is a DC voltage that varies between one and ten volts. The controlled lighting should scale its output so that at 10 V, the controlled light should be at 100% of its potential output, and at 1 V it should at 0% output (i.e. "Off").

CRI

El índice de reproducción cromática (IRC) es una medida cuantitativa de la capacidad de una fuente de luz para reproducir fielmente los colores de varios objetos en comparación con una fuente de luz ideal o natural. Las fuentes de luz con un alto IRC son aconsejables en aplicaciones de color críticas.

CRI

The color rendering index (CRI) is a quantitative measure of the ability of a light source to reproduce the colors of various objects faithfully in comparison with an ideal or natural light source. Light sources with a high CRI are desirable in color-critical applications.

DALI

Interfaz Digital de Iluminación Direccional (DALI) es un estándar técnico para sistemas basados en la red que controlan la iluminación en los edificios. El estándar DALI abarca el protocolo de comunicaciones y la interfaz eléctrica para las redes de control de iluminación.

DALI

Digital Addressable Lighting Interface (DALI) is a technical standard for network-based systems that control lighting in buildings. The DALI standard encompasses the communications protocol and electrical interface for lighting control networks.

DIMMER (REGULADOR DE VOLTAJE)

Los Dimmers son dispositivos utilizados para variar la intensidad de la luz.

DIMMER

Dimmers are devices used to vary the brightness of a light.

DMX

DMX es un estándar para redes de comunicación digital que son comúnmente utilizadas para controlar la iluminación de escenario. Permite programar la regulación de color y variación para RGB.

DMX

DMX is a standard for digital communication networks that are commonly used to control stage lighting. Allows to program the colour regulation and variation for RGB.

KELVIN

El kelvin se utiliza para medir la temperatura del color de fuentes de iluminación. La temperatura del color es una característica de la luz visible que tiene importantes aplicaciones en iluminación porque indica si la luz es cálida (temperaturas de color bajas) o fría (temperaturas de color altas).

KELVIN

The kelvin is used in the measure of the color temperature of light sources. Color temperature is a characteristic of visible light that has important applications in lighting because indicates if the light is warm (low color temperatures) or cold (high color temperatures).

LUMEN

El lumen (símbolo: lm) es la unidad SI de flujo luminoso, una medida de la potencia de la luz percibida por el ojo humano.

LUMEN

The lumen (symbol: lm) is the SI unit of luminous flux, a measure of the power of light perceived by the human eye.

INTERFAZ MASTER

La interfaz Master es un dispositivo electrónico que recibe la señal (DALI/DMX/...) y devuelve una señal modulada para el LED. Es posible controlar la luz con una potencia máxima de carga.

MASTER INTERFACE

The master interface it is an electronic device which receives the signal (DALI/DMX/...) and returns a modulated signal for the LED. It's able to control the light with a maximum power load.

UNIDAD DE ALIMENTACIÓN

Una unidad de alimentación es un dispositivo que suministra energía eléctrica a una o más cargas eléctricas.

POWER SUPPLY

A power supply is a device that supplies electrical energy to one or more electric loads.

RGB

El modelo a color RGB es un modelo a color añadido donde la luz roja, verde y azul son mezcladas juntas de varias formas para reproducir una amplia gama de colores. El nombre del modelo se da por las iniciales de los tres colores primarios, rojo, verde y azul.

RGB

The RGB color model is an additive color model in which red, green, and blue light are added together in various ways to reproduce a broad array of colors. The name of the model comes from the initials of the three additive primary colors, red, green, and blue.

INTERFAZ SLAVE

La interfaz slave se utiliza para responder a la señal modulada de la interfaz Master en instalaciones donde la interfaz Master está sobrecargada.

SLAVE INTERFACE

The slave interface is used to reply the modulated signal of the master interface in installations where the master is overloaded.

Nota: Los datos técnicos están sujetos a cambios sin previo aviso. La información es consecuente con nuestras condiciones actuales de producción y refleja los valores típicos relativos a los parámetros específicos de fabricación y para los usos para los que fueron creados. La empresa se exime expresamente de toda responsabilidad por cualquier daño causado por productos aplicados de modo incorrecto o no utilizados con la típica finalidad para lo que fueron creados.

Note: Technical data are subject to changes without any previous notice. Information is consistent with our current production conditions and reflects typical values relating to manufacturing specification parameters and for typical end uses. We accept no liability or responsibility for any damage caused by products incorrectly applied in non typical end uses.

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