

18 | 19

ARCHITECTURAL
OUTDOOR & INDOOR
LED LIGHTING

SECOND EDITION

GRUPO MCI














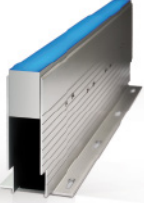



18|19

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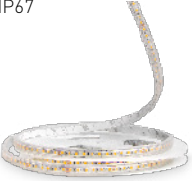







SECOND EDITION

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FROM
BARCELONA
WITH LIGHT

GRUPO MCI

FOUNDED IN 1972





DESIGN & LIGHTING ENGINEERING MADE IN BARCELONA

GRUPO MCI, founded in 1972 in Barcelona, is an international leading engineering and manufacturer company of integral architectural lighting solutions for indoor (hotels, retail, contract, hospitals, shopping center, warehouses, etc.) and outdoor (public areas, residential areas, façades, etc.) lighting applications.

With more than 45 years' experience in the lighting industry, the last 20 years the business focus of the company is on the research, development, and innovation (R+D+i), emphasizing lighting project design and exclusively manufacturing 100% with LED lighting products.

Currently, the company is made up of experienced and quality focused professionals with an extensive knowledge and background in developing a wide range of luminaires with the perfect balance between quality, energy efficiency and functionality.

GRUPO MCI Headquarter is located close to the Barcelona International Airport, with facilities encompassing over 8,000 square meters for R+D+i, engineering, electrical, mechanical, lighting project development, quality control, production, warehouse and logistic departments.

GRUPO MCI, fundada en 1972 en Barcelona, es un fabricante internacional que ofrece soluciones eficientes en iluminación arquitectural técnica, tanto para aplicaciones de interior (hoteles, retail, contract, hospitales, centros comerciales, almacenes, etc.) como de exterior (espacios públicos, zonas residenciales, fachadas, etc.).

Con más de 45 años de experiencia en la industria de la iluminación, en los últimos 20 años la empresa se ha especializado en la investigación, desarrollo e innovación (I+D+i), diseño y fabricación de luminarias 100% con tecnología LED.

En la actualidad, la empresa cuenta con un equipo de profesionales con gran experiencia en iluminación, que desarrollan una amplia gama de luminarias que tienen como denominador común el propósito de encontrar el equilibrio entre calidad, eficiencia energética y funcionalidad.

La sede de GRUPO MCI, ubicada en las proximidades del Aeropuerto Internacional de Barcelona, cuenta con unas instalaciones de más de 8.000 m², en las que se encuentran los departamentos de I+D+i, ingeniería, electrónica, control de calidad, producción, proyectos lumínicos, logística y almacén.



OUR RELATIONSHIP WITH OUR PARTNERS AND CUSTOMERS

We work closely with professional partners such as lighting designers, architects, engineers, and interior designers to provide a wide range of indoor and outdoor lighting products, many of which can be custom designed to fit their specific applications.

We want to provide a new lighting experience to our customers, using the latest technology in all our products, to facilitate transforming their creative vision into a delivered reality.

We understand how lighting affects people in all aspects of their everyday life. This is why we always strive to deliver the correct solution for our customer's application.

Lighting strengthens the brand and reinforces the brand experiences.



LIGHTING STRENGTHENS THE
BRAND AND REINFORCES THE
BRAND EXPERIENCES

En GRUPO MCI trabajamos estrechamente con los profesionales del sector, así como lighting designers, arquitectos, ingenieros, y diseñadores de interiores, para proporcionarles una amplia gama de productos estándar, algunos de los cuales pueden ser customizados para poder adaptarse a las necesidades específicas del cliente.

Con el fin de transformar espacios en ambientes únicos, nuestros productos incorporan la tecnología LED más sofisticada y avanzada, para crear experiencias lumínicas inolvidables.

Entendemos como la iluminación afecta en la vida cotidiana de las personas. Es por ello, que nos vemos con la obligación de ofrecer soluciones lumínicas personalizadas para cada proyecto.

La iluminación fortalece marcas y refuerza las experiencias que el cliente tiene con ellas.

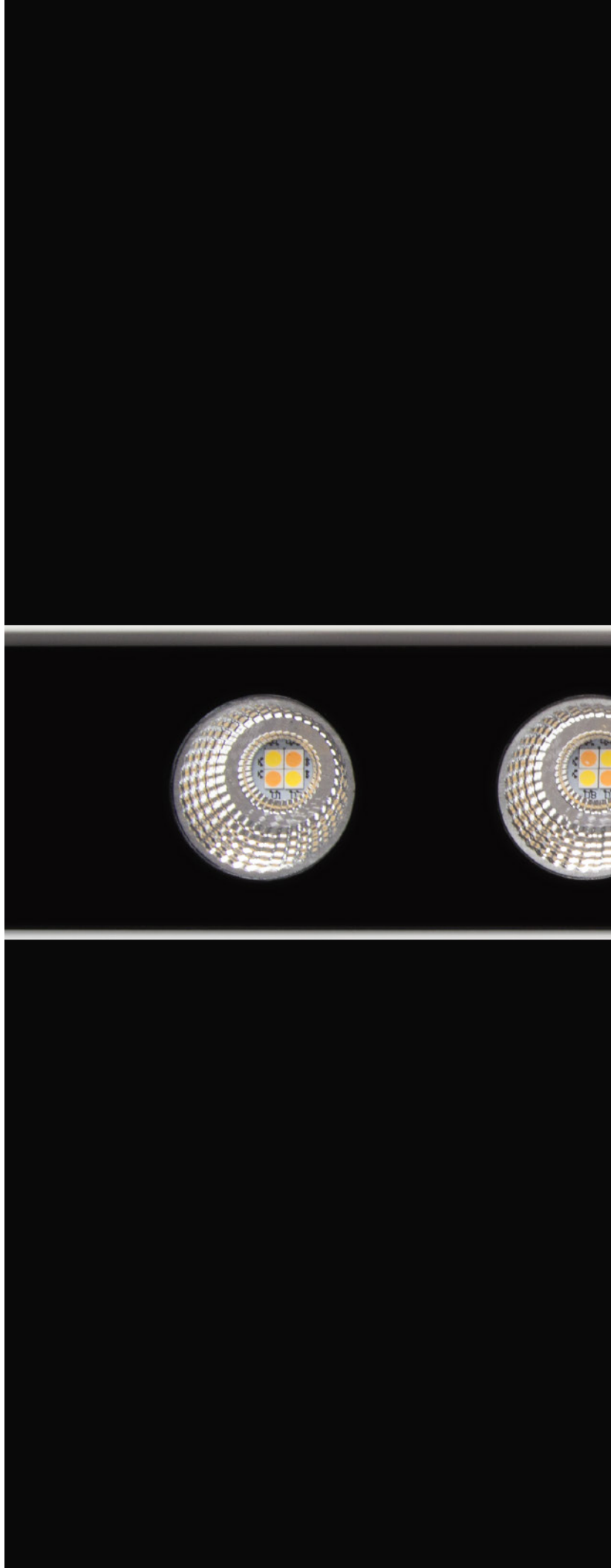
WHAT MAKES US DIFFERENT

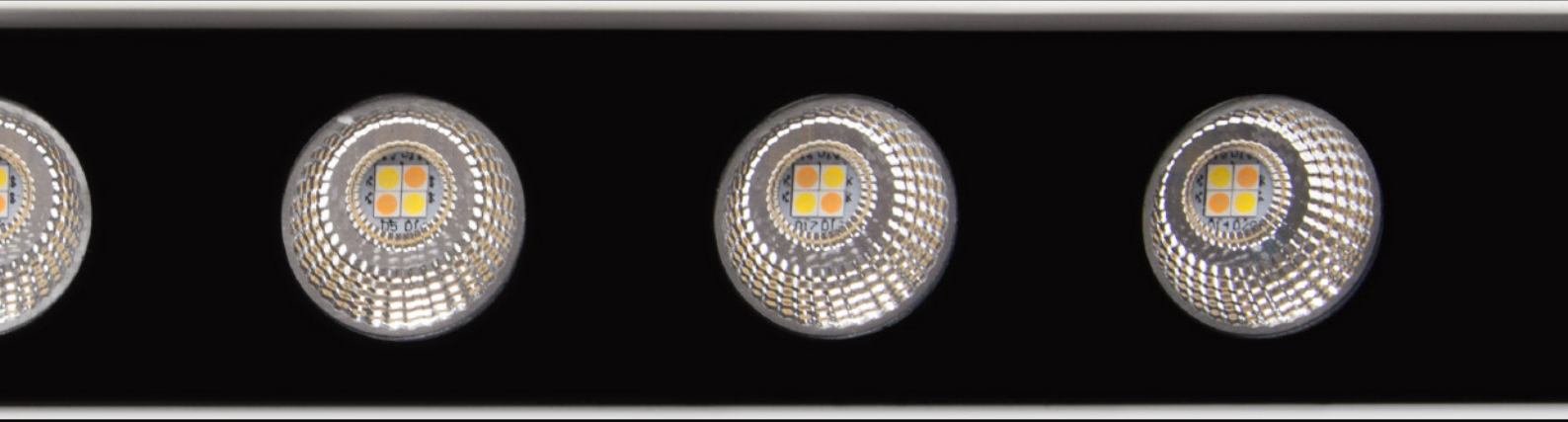
GRUPO MCI has a solid R+D+i Department team that maintains direct contact with their customers based on a high standard of service and trust built over the past 45 years.

The R+D+i Department is comprised of mechanical engineers, electrical engineers, and product designers specialized in the research of high performance luminaires and development of innovative fixtures to meet the project specifications and requirements, while maintaining maximum energy efficiency and functionality on each project.

GRUPO MCI dispone de un sólido Departamento de I+D+i, en el que se establecen relaciones directas con los clientes, basadas en el servicio y la confianza de casi 45 años de experiencia.

El Departamento de I+D+i está formado por ingenieros mecánicos y electrónicos, y diseñadores especializados en la investigación de luminarias de alto rendimiento, y desarrollo de productos innovadores que se adaptan a las especificaciones y requerimientos de cada obra para conseguir la máxima eficiencia energética y funcionalidad en los proyectos.



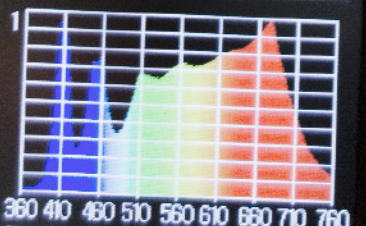




SPECTRUM

I-Time 6 ms

λ_p 675 nm



380 410 460 510 560 610 660 710 760

Settings Home Save icons

UPRtek

QUALITY CONTROL, OUR PRIORITY

The Quality Department is responsible for maintaining the integrity of the Company's Quality System and ensuring that all the company, at all levels, are aware of their responsibilities and roles to achieve the quality standards requirements. The excellent technological level obtained by the company in the development and manufacturing of the products have enabled GRUPO MCI to obtain quality standard certificates, like ISO 9001 for quality management.

Maintaining our quality certifications worldwide is key to the on-going success of the business. We must always remain vigilant of quality standards, due to the heavily regulated and competitive nature of the industry, and the high expectations of our customers.

As a part of maintaining quality, it is important to provide guidance, advice, support and training to our staff at all levels relating to quality compliance. Daily tasks can range from ensuring a customer complaint resolution, to the updating of procedure maps.

El Departamento de Calidad es responsable de mantener la integridad del sistema de calidad de la compañía y asegurar que toda la organización, en todos los niveles, sean conscientes de sus responsabilidades y funciones para lograr los requisitos de calidad. El excelente nivel tecnológico obtenido por la empresa en el desarrollo y fabricación de sus productos, ha permitido que GRUPO MCI obtenga los certificados de calidad estándar, así como la normativa ISO 9001 de gestión de calidad.

El mantenimiento de las certificaciones de calidad en todo el mundo es fundamental para el continuo éxito de la empresa, debido a las exigencias de los mercados y las altas expectativas de los clientes.

El Departamento de Calidad además proporciona formación, asesoramiento y apoyo a todo el personal en todas las cuestiones relacionadas con el cumplimiento de las normas de calidad. Desde la gestión y resolución de las peticiones de los clientes, a la actualización de los flujos de los procesos.

HOW WE WORK

GRUPO MCI is committed to excellence and innovation, and that's why we pay attention to the smallest details in order to cover the customers' expectations. Our product portfolio is designed and manufactured in our facilities in Gavà (Barcelona, Spain), encompassing over 8,000 square meters.

Our knowledge, combined with the latest technological innovations creates unique products, which represent our brand in the world market.

Because of the commitment of GRUPO MCI, and the continued modernization to improve the factory, today, we are able to offer our products in more than 85 countries around the world.

In addition to our in-house manufacturing, we work in close collaboration with a professional network of suppliers, who understand and adopt our philosophy of excellence.

GRUPO MCI es una empresa comprometida con la excelencia y la innovación, y por ello cuidamos hasta el más pequeño detalle para que la producción esté a la altura de las expectativas de nuestros clientes. Nuestro portfolio de productos está diseñado y fabricado en nuestras instalaciones de más de 8.000 metros cuadrados, ubicadas en Gavà (Barcelona).

Nuestro Know-How combinado con últimas innovaciones tecnológicas, hacen posible la creación y fabricación de productos únicos que representan nuestra marca mundialmente.

Gracias al compromiso de las personas que forman parte de GRUPO MCI y a las mejoras en nuestras infraestructuras, hoy somos capaces de producir y distribuir nuestros productos en más de 85 países de todo el mundo.

Además de la fabricación in house, trabajamos y colaboramos con una red profesional de proveedores, que entienden a la perfección nuestra filosofía.



**THINK GLOBAL
ACT LOCAL**

GRUPO MCI is present in over 85 countries with more than 100 local supplying distributors all over the world.

On a national domestic level GRUPO MCI has a sales force and distribution network throughout Spain, where our customers are able to get excellent customer service and support.

GRUPO MCI está presente en más de 85 países, ofreciendo a sus clientes un servicio con prestaciones de garantía y apoyo técnico, a través de sus más de 100 distribuidores a nivel mundial.

A nivel nacional, disponemos de representantes en todas las comunidades del país, así como una amplia red comercial interna, a través de la cual, nuestros clientes disfrutan de un excelente servicio.



**W Barcelona Hotel
Barcelona, SPAIN**



**Chicago Riverwalk
Chicago, USA**



**Bolívar Square
Maracay, VENEZUELA**



**Royal Walls of Ceuta
Ceuta, SPAIN**



● Barcelona Headquarters

● Subsidiaries: South East Asia
Middle East

● Distributors



Førde Town Hall
NORWAY



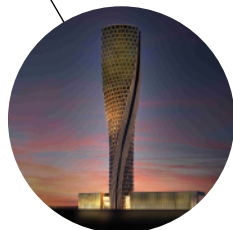
Polnocna Gallery
Warsaw , POLAND



Lumini Shopping Center
Varaždin, CROATIA



Intersekt Showroom
New Delhi, INDIA



Doha Port
Doha , QATAR



Underpasses
Tangier, MOROCCO



CUSTOM MADE METHODOLOGY

CUSTOM MADE METHODOLOGY

In order to satisfy the needs and requirements of all our customer and projects, our R+D team meets daily to review requests and then develops a submittal drawing and quotation based on your inquiry.

We can frequently incorporate tooled components, light engines, and other elements from our standard product line into custom products to minimize cost.

We work with you to develop your concept and provide additional drawings, 3D renderings, sample parts or even a sample fixture to ensure you're comfortable with the proposed product.

GRUPO MCI likes to offer customized solutions to ensure successful lighting projects. Success for our clients is success for us.

Our work, together with our many partners, designing customized luminaires based in project specific solutions during the last years, has given us the opportunity to realize one of the most complete catalogues focused on architectural lighting.

Con el fin de satisfacer las necesidades y requerimientos de todos nuestros clientes y proyectos, nuestro equipo de I+D+i se reúne constantemente para revisar sus peticiones y poder desarrollar propuestas y presupuesto para los clientes.

Con frecuencia personalizamos nuestra línea de productos estándar para que se ajuste al máximo a las necesidades del cliente, minimizando de esta forma el coste de este tipo de petición.

Trabajamos de forma conjunta con el cliente para desarrollar el concepto y proporcionar dibujos adicionales, renders 3D y muestras, para asegurarnos de que la solución lumínica que se está llevando a cabo satisface la idea del cliente.

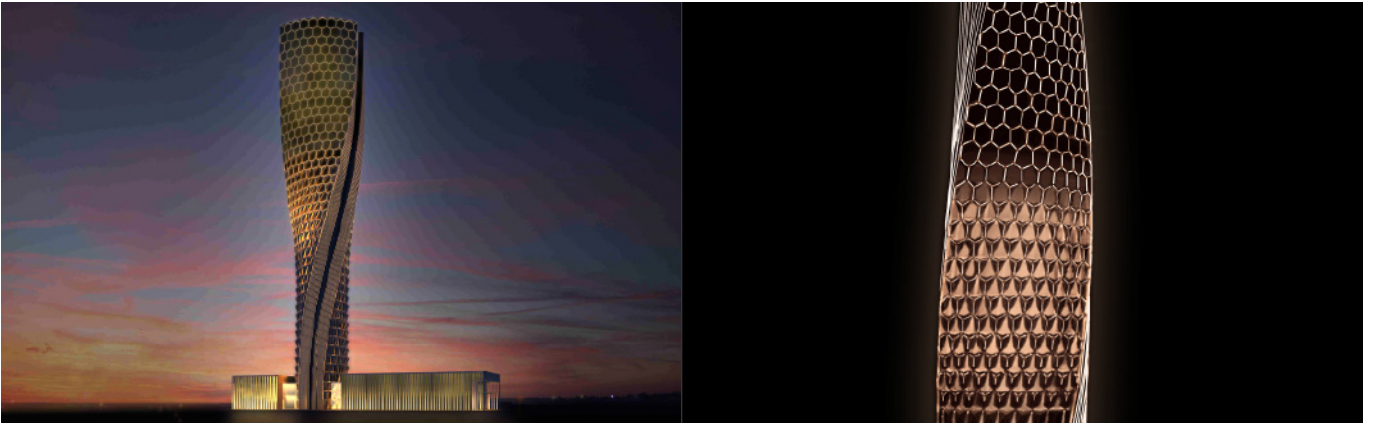
Nos gusta ofrecer soluciones únicas para que el resultado final sea todo un éxito. El éxito de los clientes es nuestro éxito.

El trabajo conjunto con nuestros partners a lo largo de estos años, diseñando luminarias custom made basadas en soluciones ad-hoc, nos ha dado la oportunidad de tener, posiblemente, el catálogo más completo en iluminación arquitectural.

CASE STUDIES



Polnocna Gallery
Warsaw , POLAND.



Doha Port,
Doha, QATAR.



Qatar Handball Association Complex,
Doha, QATAR.

The shopping mall Galería Północna has been designed by renowned APA Wojciechowski and Moshe Tzur Architects studios, offers 64,800 sqm of fashion and entertainment for the visitors. The facility also meets the highest ecological standards, confirmed by pre-certification of LEED Gold rating level.

GRUPO MCI, together with the well know lighting design studio LDC Lighting Design Collective from Madrid designed and manufactured a custom-made linear lighting projector in RGBW, for a individual LED control, to be integrated between the internal perimeter floors of the building atrium.

The product that suits perfectly into the architectural design, offers a powerful and efficient wall washing effects.

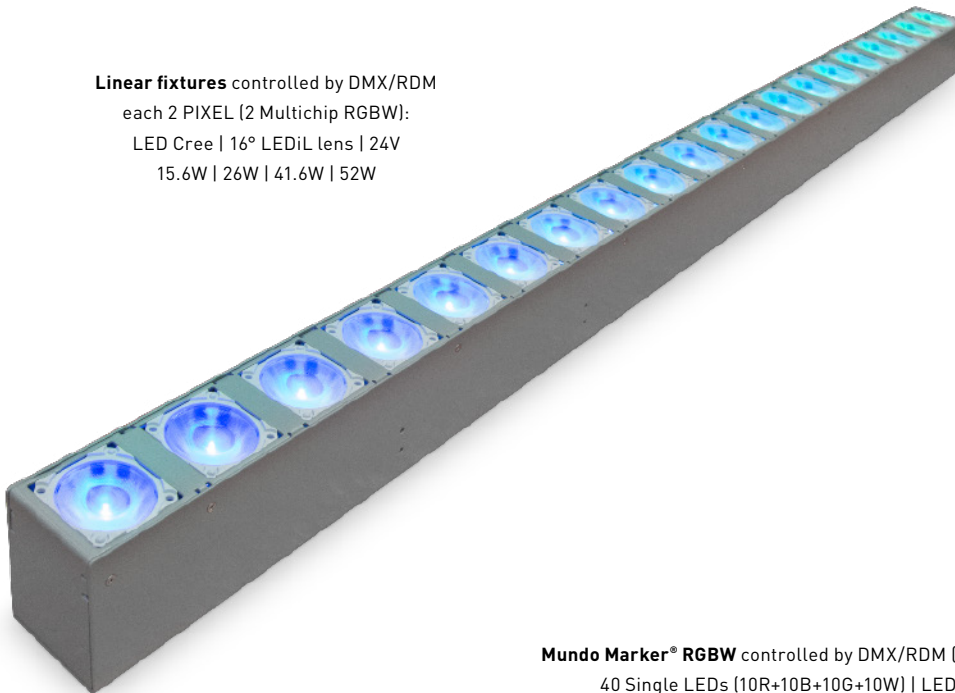
Also, to create a decorative and interactive lighting effects with changing color at one of the main entrance of the shopping mall, 650 uplights Mundo Marker® were installed.

El centro comercial Galería Północna ha sido diseñado por los conocido estudios de arquitectura APA Wojciechowski and Moshe Tzur Architects studios, y cuenta con una superficie de 64,800 m².

GRUPO MCI, juntamente con el conocido estudio de iluminación de Madrid LDC Lighting Design Collective, fueron los encargados de diseñar un proyector lineal RGBW en varios tamaños, potencias, y con un ángulo de 16°, para integrarse en el perímetro interior de los forjados del atrio del centro comercial y crear una iluminación indirecta uniforme de alto rendimiento. La luminaria se diseñó para ser controlable punto a punto a través del sistema de control DMX/RDM, y poder crear de esta manera diferentes escenarios lumínicos. En total se fabricaron e instalaron unos 530 proyectores.

Además, en el suelo de una de las entradas principales del centro comercial se instalaron 650 empotrables de suelo LED Mundo Marker® RGBW con difusor opal, para crear también efectos de luz decorativos con cambio de color.

Linear fixtures controlled by DMX/RDM
 each 2 PIXEL (2 Multichip RGBW):
 LED Cree | 16° LEDiL lens | 24V
 15.6W | 26W | 41.6W | 52W



Mundo Marker® RGBW controlled by DMX/RDM (4 channels):
 40 Single LEDs (10R+10B+10G+10W) | LED Cree
 Milky glass | 230V | 5W | 644 units





Investor · Developer · Owner
GTC Group

Architect
APA Wojciechowski and Moshe Tzur Architects

Lighting Designer
LDC Lighting Design Collective, Madrid

Virtual Reality
ReVR Studio, Madrid

Interactive Digital Content
UNSTATIC Technologies

Qatar is currently constructing a new container port located between the municipalities of Al Wakrah and Mesaieed, south of Doha. The new port is set to replace the existing Doha Port.

GRUPO MCI won a lighting project tender designed by the well-known Architectural Lighting Design company, Visual Energy, in order to manufacture the lighting fixtures for one of the most emblematic buildings in this area; the Control Tower.

The twisted architectural form is encased in a complicated and changeable geometric skin. The shapes and forms adjust as the tower twists and turns, which has also been reflected in the way the building is illuminated.

The Indirect lighting design by Visual Energy was hidden behind the skin structures have been custom made, from intense light from the bottom, fading out towards the top. This has been contrasted with direct light following the hexagonal shapes at the top, slowly cascading and fading out towards the bottom. Enhancing the depth and complexity of this iconic structure.

The luminaire designed and developed with the full support and integration of the Lighting Designer and contractors to light up the infrastructure is LedFloodStrip® Dotfree. A linear lighting fixture for outdoor (IP66) applications designed to provide decorative lighting effects which are mainly characterized by its small size, low power consumption and easy installation. In total 5.200 meters of LedFloodStrip® Dotfree in different sizes and powers will be installed.

Also, 4.500 meters of SmartLedFlex® will be used to provide a high performance homogenous light to highlight the perimeters of the buildings

Both LedFloodStrip® Dotfree and SmartLedFlex® are perfect luminaire for decorative architectural lighting projects due to it provides a homogeneous high-performance to light exterior buildings impressively.

Qatar está construyendo un nuevo puerto de contenedores situado entre los municipios de Al Wakrah y Mesaieed, al sur de Doha. El nuevo puerto está pensado para reemplazar el puerto existente de Doha.

Para iluminar uno de los edificios más emblemáticos de la zona, la Torre de Control, GRUPO MCI ganó un concurso para fabricar las luminarias que diseñó la prestigiosa empresa de Diseño de Iluminación Arquitectural, Visual Energy.

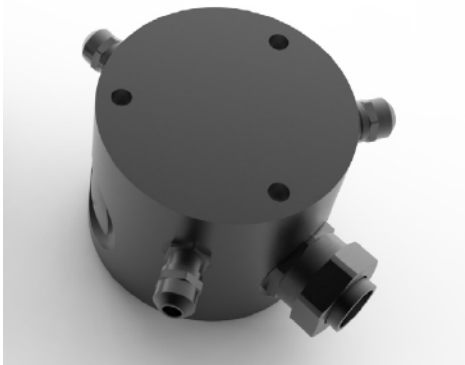
La forma y silueta del edificio se ajusta con los giros y vueltas de la torre, que también se refleja en la forma en la que se tiene que iluminar el edificio. Para ello el proyecto lumínico se ha estructurado en diferentes partes.

Para iluminar la forma arquitectónica trenzada del edificio de 110 metros de altura, envuelta en una piel geométrica compleja y cambiante, se instalará la luminaria flexible SmartLedFlex®, y una luminaria custom made diseñada por Visual Energy, LedFloodStrip® Dotfree.

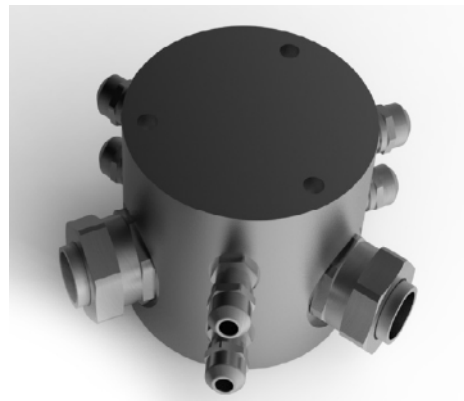
Para la iluminación indirecta oculta detrás de las estructuras, Visual Energy con el apoyo del contratista, diseñó la luminaria LedFloodStrip® Dotfree con la idea que la luz intensa de la parte inferior vaya desapareciendo hacia la parte superior. Esto ha sido contrastado con la luz directa siguiendo las formas hexagonales en la parte superior, en cascada lentamente y desapareciendo hacia el fondo. Esta iluminación nos ayudará a realzar la profundidad y complejidad de esta estructura icónica. En total se han fabricado 5,200 metros de LedFloodStrip® Dotfree, en diferentes medidas y potencias.

Además, para iluminar el perímetro de ambos lados del edificio se instalarán alrededor de 4.500 metros de SmartLedFlex®.

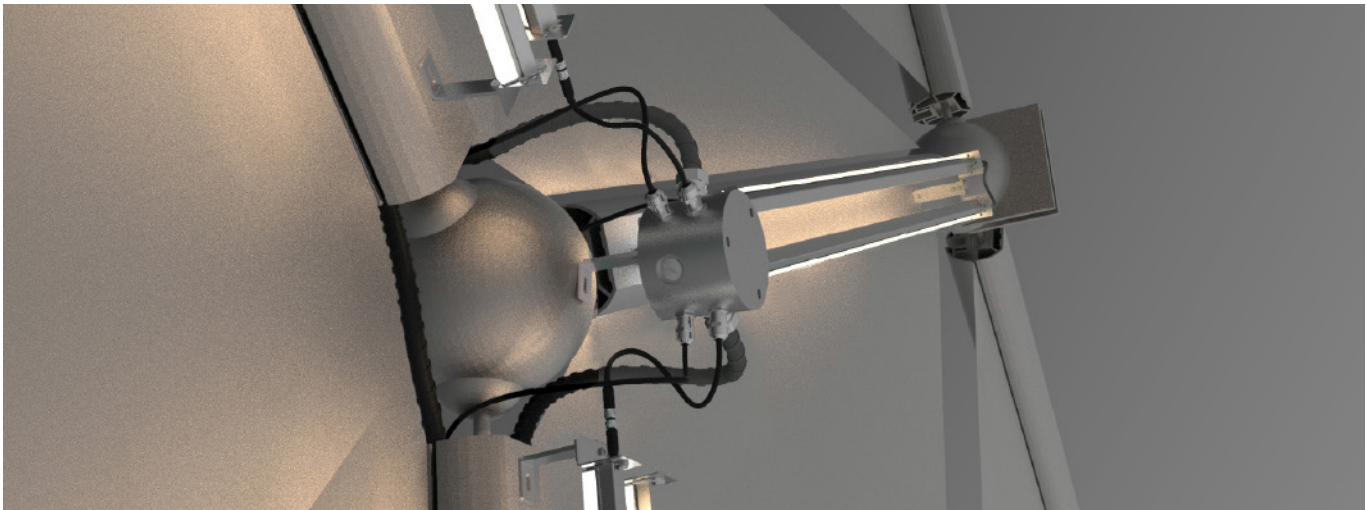
Tanto SmartLedFlex® como LedFloodStrip® Dotfree son dos soluciones lumínicas perfectas para proyectos de iluminación arquitectural decorativa ya que proporcionan una luz homogénea de alto rendimiento para la iluminación de edificios de manera impactante.

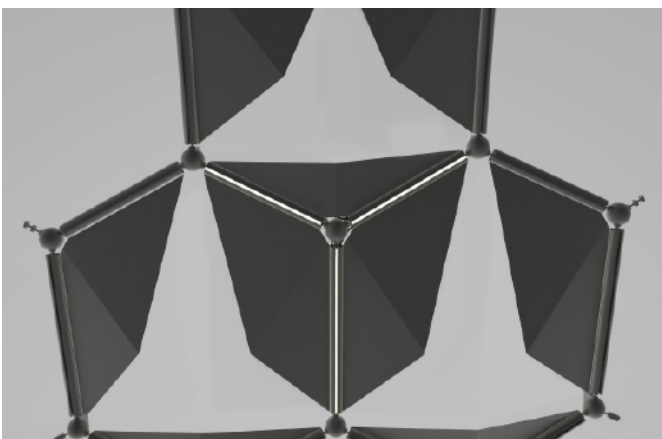
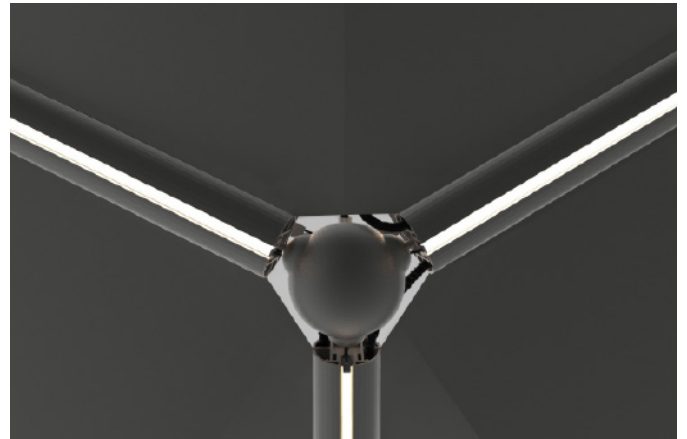
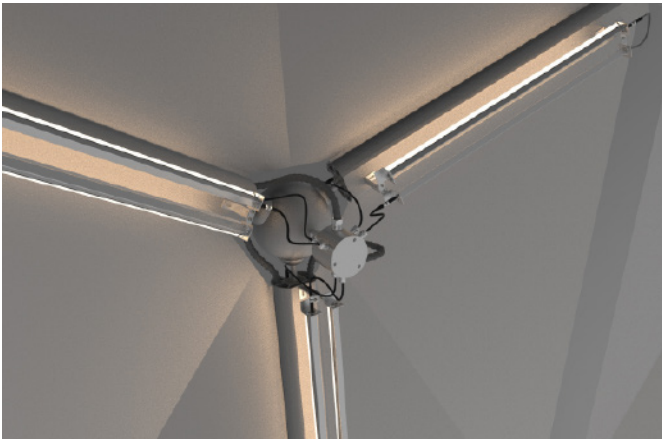


Junction Box
Type 1



Junction Box
Type 2





Lighting Designer
Visual Energy

Program Management Consultant
AECOM

Consulting Architect
PLP Architecture

Engineering Design Consultant
Worley Parsons

Sub-Consultant
Royal Haskoning

Building Design Consultant
Arab Engineering Bureau

**CUSTOM MADE SOLUTION:
SPECIAL BRACKETS**

Qatar Handball Association Complex, Doha, QATAR

GRUPO MCI presents one of our latest projects carried out in Doha (Qatar) in 2015. The project consisted of lighting the building facade and outdoor area of the newly built Qatar Handball Association Complex (Lekhwiya, Doha); this was one of three stadiums built for the twenty-fourth edition of the World Men's Handball Championship, which took place from 15th of January to the 1st of February 2015.

As requested by the client, our project department was commissioned to make accurate lighting calculations to try to reduce the number of luminaires in the project, without altering the uniformity and quality of the lighting effect.

The luminaires selected for the project were; Square Grazer® 66x2, SmartLedFlex®, LedFloodStrip® and Linear Flex® Ultra Plus.

One of the peculiarities of the project were the special brackets that GRUPO MCI designed in order to place all the projectors, Square Grazer® 2x66, on a light pole. The shape of the brackets were developed based on the lighting calculations that were performed and helped to define the angles required for each bracket in order to achieve the desired lighting effect of the projectors across the façades without light pollution.

GRUPO MCI les presenta uno de los proyectos más emblemáticos del 2015, y que llevamos a cabo en Doha (Qatar). Se trata del proyecto lumínico de la fachada y exteriores del nuevo Qatar Handball Association Complex (Lekhwiya, Doha). Uno de los tres estadios que se construyeron en Doha para celebrar la vigésimo cuarta edición del Campeonato Mundial de Balonmano Masculino, del 15 de enero al 1 de febrero de 2015.

Tal y como solicitaba el cliente el departamento de proyectos de GRUPO MCI se encargó de realizar cálculos lumínicos muy precisos para intentar ajustar al máximo el número de luminarias en el proyecto sin alterar la uniformidad y calidad de la iluminación en el complejo.

Las luminarias que se seleccionaron para ejecutar el proyecto fueron; Square Grazer® 66x2, SmartLedFlex®, LedFloodStrip® y Linear Flex® Ultra Plus.

Una de las peculiaridades de este proyecto fueron unos brackets fijos especiales que se tuvieron que diseñar para colocar los Square Grazer® 66x2, iban instalados en la parte superior de unos báculos. La forma de los brackets vino dada por los cálculos lumínicos que se realizaron, y que fueron los que definieron cuantos grados tenían que estar orientados cada uno de los ellos, para conseguir que la luminaria ofreciera la uniformidad deseada por el cliente y que no hubiera contaminación lumínica.



Client
Private Engineering Office

LEAD Designer
IGH Otto Baric Architecture

Lighting Designer
Diana Galic · Nova-Lux

Local Consultant
WSP Middle East Group

Client Representative
Hill International (supervision)

Main Contractor
Redco Construction - Al Mana

MEP Contractor
Voltas Limited

Photography
Bee Global

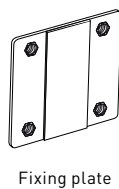
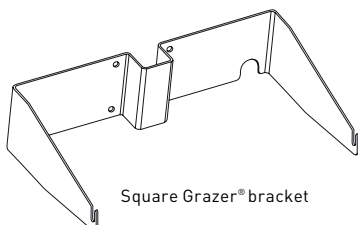
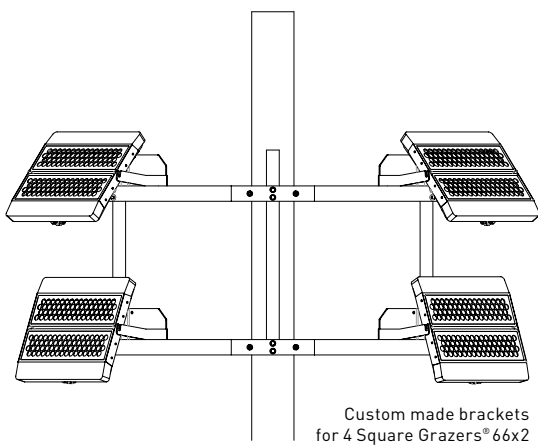
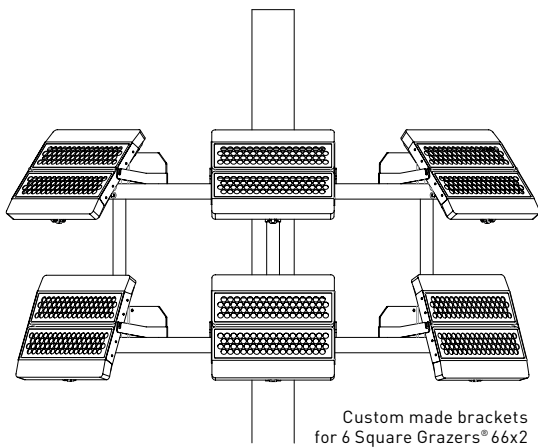


GRUPO MCI offered personalized technical support before, during, and after the execution of the project, to ensure correct installation of the entire system. This includes:

- Operation Manual
- Maintenance Manual
- Training Manual

GRUPO MCI ofreció al cliente soporte técnico personalizado antes y durante la ejecución del proyecto para asegurar el buen funcionamiento de toda la instalación. Esto incluyó:

- Manual de operaciones
- Manual de mantenimiento
- Manual de formación



Hotel W,
Barcelona, Spain





SMARTLEDFLEX®

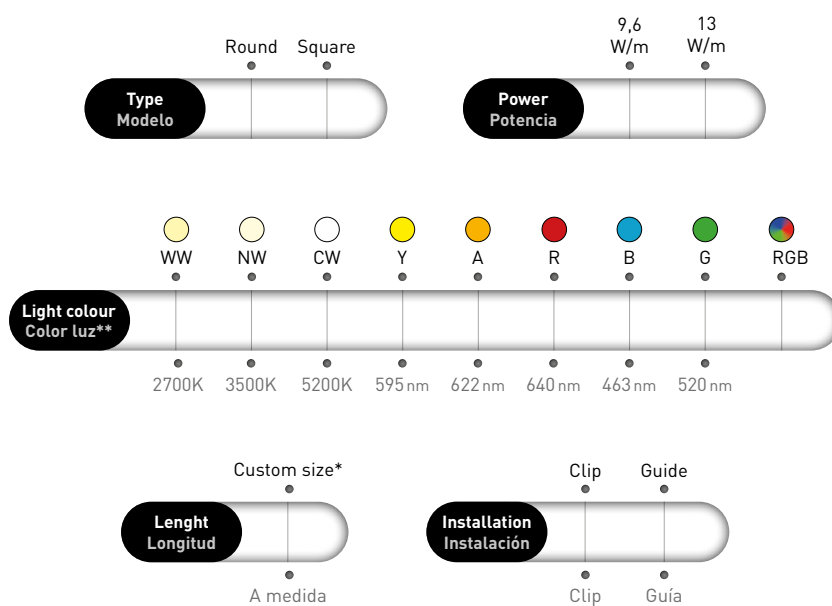
SIDEFLEX



SMARTLEDFLEX® PAT.

SIDEFLEX (9,6 W/m – 13 W/m)

- Light to highlight architecture
 - Homogenous light without visible dots
 - Beam angle 270°
 - Up to 380 lm/m
 - Flexible linear body
 - Round or square shape
 - Up to 10 meters per line
- Luz para dibujar la arquitectura
 - Luz uniforme sin puntos visibles
 - Ángulo de apertura 270°
 - Hasta 380 lm/m
 - Cuerpo lineal flexible
 - Sección redonda o cuadrada
 - Hasta 10 metros por línea



* Lengths up to 8 m (RGB), 10 m (monocolor-9,6W/m) and 7 m (monocolor-13W/m).
Longitudes hasta 8 m (RGB), 10 m (monocolor-9,6W/m) y 7 m (monocolor-13W/m).

** Due to tolerances of the production process the color temperatures could change slightly.
Debido a las tolerancias del proceso de producción las temperaturas del color pueden cambiar ligeramente.

SPECIFICATIONS
CARACTERÍSTICAS

IP66 IP67	IP67 M/F connector	IK10 square version	Dimmable	24V DC	III	Silicone	HEAT SHOCK tested	Saltwater resistant	UV protected	Ta min -20°C -4°F Ta max +50°C +122°F	CE
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SmartLedFlex® 9,6 W/m									
Color temperatures	2700 K	3500K	5200 K	Yellow	Amber	Red	Blue	Green	RGB
Power (1 m)	9,6 W	9,6 W	9,6 W	4,8 W	4,8 W	4,8 W	9,6 W	9,6 W	12 W
Lumens output (1 m)	155 lm	225 lm	280 lm	96 lm	137 lm	47 lm	21 lm	98 lm	127 lm
Luminaire efficiency	16 lm/W	24 lm/W	29 lm/W	20 lm/W	28 lm/W	10 lm/W	2 lm/W	10 lm/W	10,6 lm/W
Cutting unit	50 mm	50 mm	50 mm	100 mm	100 mm	100 mm	50 mm	50 mm	400 mm

SmartLedFlex® 13 W/m			
Color temperatures	2700 K	3500K	5200 K
Power (1 m)	13 W	13 W	13 W
Lumens output (1 m)	210 lm	305 lm	380 lm
Luminaire efficiency	16 lm/W	24 lm/W	29 lm/W
Cutting unit	50 mm	50 mm	50 mm



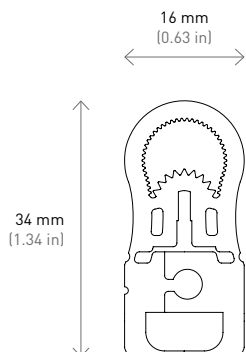
Color temperature conform to **ANSI C78.377A**.
Lumens measurement conform to **LM-79-08**.
Lumens maintenance conform to **LM-80-08**.

Temperatura de color según normativa **ANSI C78.377A**.
Medición lumens según normativa **LM-79-08**.
Mantenimiento lumens según normativa **LM-80-08**.

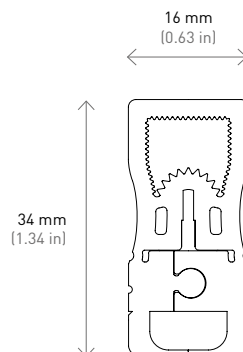
Le Creuset,
Barcelona, Spain

**MEASURES
MEDIDAS**

**SmartLedFlex®
Round**



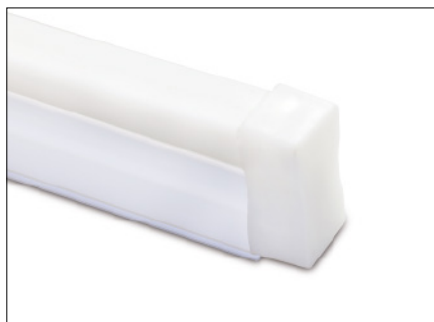
**SmartLedFlex®
Square**



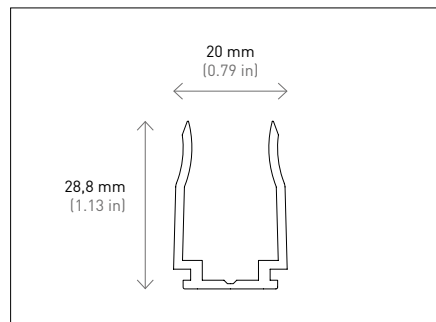
Full scale.
Escala real.



SmartLedFlex® Round with guide profile.
SmartLedFlex® Redondo con perfil guía.



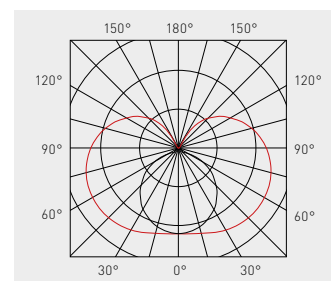
SmartLedFlex® Square with guide profile.
SmartLedFlex® Cuadrado con perfil guía.



Guide profile.
Perfil guía.

**LIGHT DISTRIBUTION CURVES
FOTOMETRÍAS**

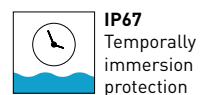
The cone diagram is not represented because of the beam angle is over 180°.
Los diagramas cónicos no están representados al tener un ángulo de apertura superior a 180°.



Data calculated with **SmartLedFlex® Round** (1000 mm).
Lumen measurement complies with **UNE-EN 13032 / IES LM-79-08** testing procedures.
Light distribution curves are available at **www.grupo-mci.com**.
Due to continuous improvements and innovations, specifications may change without notice.

Datos calculados con **SmartLedFlex® Round** (1000 mm).
Ensayado bajo las especificaciones de la norma **UNE-EN 13032 / IES LM-79-08**.
Fotometrías disponibles en **www.grupo-mci.com**.
Debido a las continuas mejoras e innovaciones, las especificaciones pueden cambiar sin previo aviso.

DETAILS
DETALLES

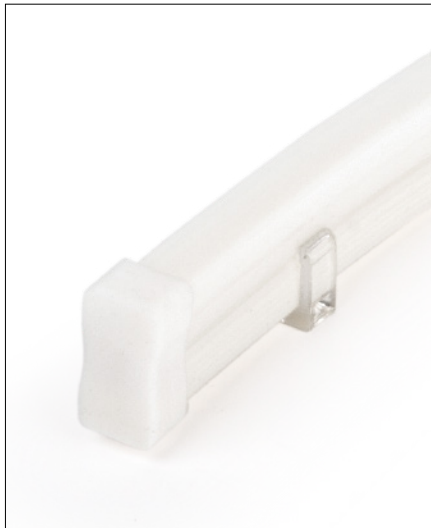


Easy IP67 connection for SmartLedFlex® custom size.
Fácil conexión IP67 para SmartLedFlex® a medida.

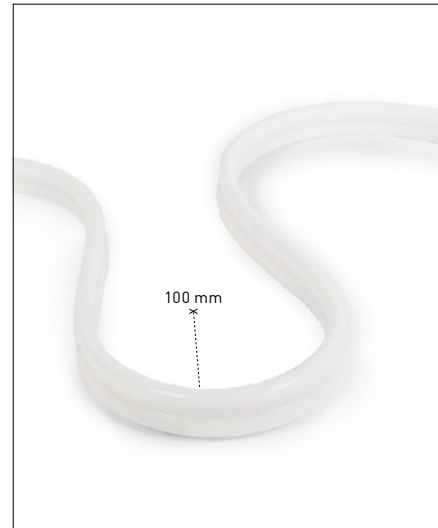
IP67 connector.
Conector IP67.



Due to tolerances of the production process the total lengths could change slightly.
Debido a las tolerancias del proceso de producción las longitudes totales pueden cambiar ligeramente.



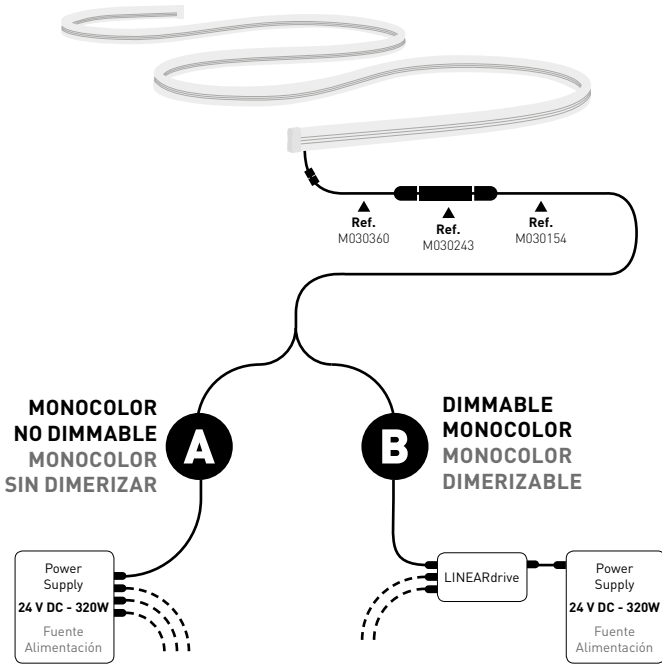
Fixation clip.
Clip de sujeción.



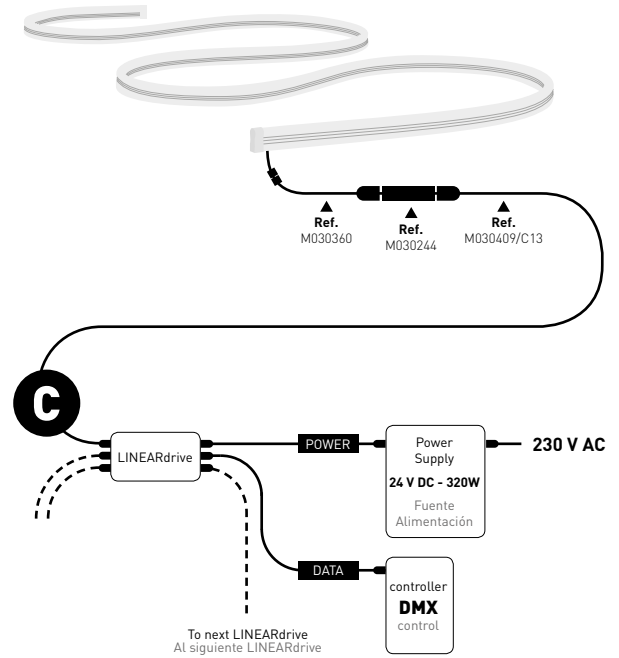
Minimum bending radius 100 mm.
Radio mínimo de curvatura 100 mm.

CONNECTIONS
CONEXIONES

SmartLedFlex® Monocolor



SmartLedFlex® RGB



A

MONOCOLOR NO DIMMABLE
MONOCOLOR SIN DIMERIZAR

9,6 W/m Maximum 3 reels of 10 m (or 6 of 5 m.) in parallel connection to PSU 24 V DC - 320W (max. 30 m). Maximum 5 m from the power supply to the first SmartLedFlex®.

Máximo 3 bobinas de 10 m. (o 6 de 5 m.) en paralelo conectadas a fuente de alimentación de 24 V DC - 320W (máx. 30 m). Máximo 5 m. desde la fuente de alimentación al primer SmartLedFlex®.

4,8 W/m Maximum 6 reels of 10 m (or 12 of 5 m.) in parallel connection to PSU 24 V DC - 320W (max. 60 m). Maximum 5 m from the power supply to the first SmartLedFlex®.

Máximo 6 bobinas de 10 m. (o 12 de 5 m.) en paralelo conectadas a fuente de alimentación de 24 V DC - 320W (máx. 60 m). Máximo 5 m. desde la fuente de alimentación al primer SmartLedFlex®.

13 W/m Maximum 4 reels of 5 m in parallel connection to PSU 24 V DC - 320W (max. 20 m). Maximum 5 m from the power supply to the first SmartLedFlex®.

Máximo 4 bobinas de 5 m en paralelo conectadas a fuente de alimentación de 24 V DC - 320W (máx. 20 m). Máximo 5 m. desde la fuente de alimentación al primer SmartLedFlex®.

B

DIMMABLE WITH LINEARdrive 720
DIMERIZABLE CON LINEARdrive 720

9,6 W/m Maximum 3 reels of 10 m (or 6 of 5 m) in parallel connection to LINEARdrive 720 (PSU 24 V DC - 320W) (max. 30 m). Maximum 5 m from the power supply to the first reel connection.

Máximo 3 bobinas de 10 m (o 6 de 5 m) conectadas en paralelo al LINEARdrive 720 (fuente de alimentación de 24 V DC - 320W) (máx. 30 m). Máximo 5 m desde la fuente de alimentación a la primera bobina.

4,8 W/m Maximum 6 reels of 10 m (or 12 of 5 m) in parallel connection to LINEARdrive 720 (PSU 24 V DC - 320W) (max. 60 m). Maximum 5 m from the power supply to the first reel connection.

Máximo 6 bobinas de 10 m (o 12 de 5 m) conectadas en paralelo al LINEARdrive 720 (fuente de alimentación de 24 V DC - 320W) (máx. 60 m). Máximo 5 m desde la fuente de alimentación a la primera bobina.

13 W/m Maximum 4 reels of 5 m in parallel connection to LINEARdrive 720 (PSU 24 V DC - 320W) (max. 20 m). Maximum 5 m from the power supply to the first reel connection.

Máximo 4 bobinas de 5 m conectadas en paralelo al LINEARdrive 720 (fuente de alimentación de 24 V DC - 320W) (máx. 20 m). Máximo 5 m desde la fuente de alimentación a la primera bobina.

C

RGB
RGB

12 W/m Maximum 3 reels of 8 m. (max. 24 m) in parallel connection to LINEARdrive 720 (PSU 24 V DC - 320W). Maximum 5 m from the power supply to the first reel connection.

Máximo 3 bobinas de 8 m. (máx. 24 m) conectadas en paralelo al LINEARdrive 720 (fuente de alimentación de 24 V DC - 320W). Máximo 5 m. desde la fuente de alimentación a la primera bobina.

CUTTING SIZE REFERENCES
REFERENCIAS CORTE A MEDIDA

7211 0 0 0 /70/2K7

LIGHT COLOR COLOR LUZ

- /70/2K7 2700K
- /70/3K5 3500K
- /70/5K2 5200K
- /07 Yellow Amarillo
- /04 Amber Ambar
- /03 Red Rojo
- /09 Blue Azul
- /08 Green Verde
- /11 RGB

POWER POTENCIA

- 0 4,8W/m – 9,6W/m – 12W/m*
- 2 13 W/m**

TYPE MODELO

- 0 Round Monocolor
- 1 Square Monocolor
- 2 Round RGB
- 3 Square RGB

* Lengths up to 8 m (RGB-12W/m) y 10 m (monocolor-9,6W/m).
Longitudes hasta 8 m (RGB-12W/m) y 10 m (monocolor-9,6W/m).

** Power only available in white colors and up to 7 m maximum.
Potencia sólo disponible en colores blancos y hasta 7 m máximo.

	CUTTING SIZE UNIDAD DE CORTE	POWER (1m) POTENCIA(1m)	MAX. LENGHT LONGITUD MÁX.
	50 mm	9,6 W	10 m
	100 mm	4,8 W	10 m
	400 mm	12 W	8 m
	50 mm	13 W	7 m

Lengths must be compatible with cutting units.
Las longitudes tienen que ser compatibles con las unidades de corte.

Due to tolerances of the production process the color temperatures could change slightly.
Debido a las tolerancias del proceso de producción las temperaturas del color pueden cambiar ligeramente.

Due to tolerances of the production process the total lengths could change slightly.
Debido a las tolerancias del proceso de producción las longitudes totales pueden cambiar ligeramente.

CUTTING SIZE OPTIONS
OPCIONES CORTE A MEDIDA

The standard version is delivered with IP67 connector (0,2m wire).
La versión estándar se suministra con conector IP67 (cable 0,2m).

ACCESSORIES REFERENCES
REFERENCIAS ACCESORIOS



M130122	Guide profile	Pefil guía	1
M130340	Fixation clip	Clip sujeción	2
M030360	Power cable 70 cm	Cable alimentación 70 cm	3
	For monocolor installation.	Para instalación monocolor.	
M030243	IP68 "I" connection Ø6-13,5mm Tee Tube (3 poles)	Conexión "I" Ø6-13,5mm IP68 Tee Tube (3 polos)	4
M030154	3 x 1,5 mm² H07RN-F cable (m)	Cable 3 x 1,5 mm² H07RN-F (m)	
	For RGB installation.	Para instalación RGB.	
M030244	IP68 "I" connection Ø6-17mm Tee Tube (5 poles)	Conexión "I" Ø6-13,5mm IP68 Tee Tube (5 polos)	5
M030409/C13	5 x 0,75 mm² PUR cable (RGB Slave)	Cable PUR 5 x 0,75 mm² (RGB Slave)	

Qatar Handball Association Complex,
Doha, Qatar



اتحاد القطري لكرة اليد
QATAR HANDBALL ASSOCIATION





SMARTLEDFLEX®

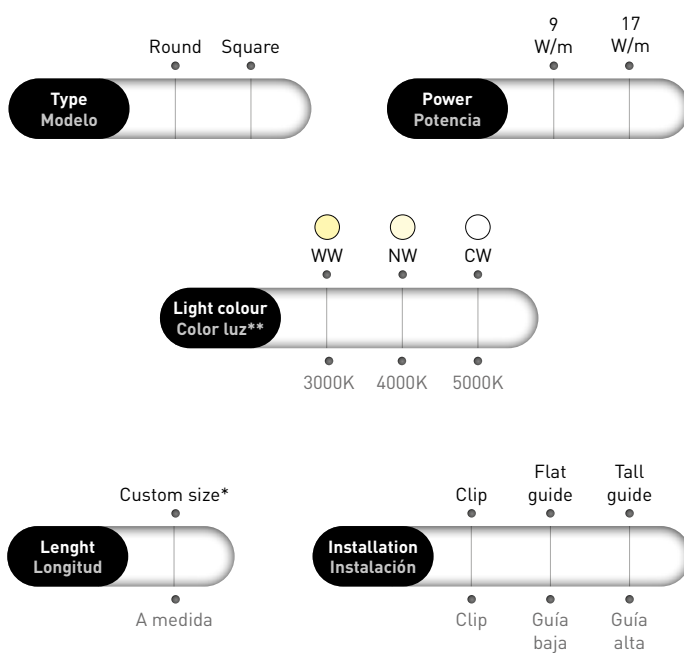
TOPFLEX



SMARTLED FLEX[®] PAT.

TOPFLEX (9 W/m – 17 W/m)

- Light to highlight architecture
 - Homogenous light without visible dots
 - Beam angle 120°
 - Up to 865 lm/m
 - Flexible linear body
 - Round or square shape
 - Up to 10 meters per line
- Luz para dibujar la arquitectura
 - Luz uniforme sin puntos visibles
 - Ángulo de apertura 120°
 - Hasta 865 lm/m
 - Cuerpo lineal flexible
 - Sección redonda o cuadrada
 - Hasta 10 metros por línea



*Lengths up to 10 m (9 W/m) and 5 m (17 W/m).
Longitudes hasta 10 m (9 W/m) y 5 m (17 W/m).

** Due to tolerances of the production process the color temperatures could change slightly.
Debido a las tolerancias del proceso de producción las temperaturas del color pueden cambiar ligeramente.

SPECIFICATIONS
CARACTERÍSTICAS

IP66 IP67	IP67 M/F connector	IK10 square version	CRI 80	Dimmable	24V DC		Silicone	HEAT SHOCK tested	Saltwater resistant	UV protected	Ta min -20°C -4°F Ta max +50°C +122°F	CE
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SmartLedFlex® Topflex 9 W/m			
Color temperatures	3000 K	4000K	5000 K
Power (1 m)	9 W	9 W	9 W
Lumens output (1 m)	458 lm	458 lm	458 lm
Luminaire efficiency	51 lm/W	51 lm/W	51 lm/W
Cutting unit	55,5 mm	55,5 mm	55,5 mm

SmartLedFlex® Topflex 17 W/m			
Color temperatures	3000 K	4000K	5000 K
Power (1 m)	17 W	17 W	17 W
Lumens output (1 m)	865 lm	865 lm	865 lm
Luminaire efficiency	51 lm/W	51 lm/W	51 lm/W
Cutting unit	55,5 mm	55,5 mm	55,5 mm



Color temperature conform to **ANSI C78.377A**.
Lumens measurement conform to **LM-79-08**.
Lumens maintenance conform to **LM-80-08**.

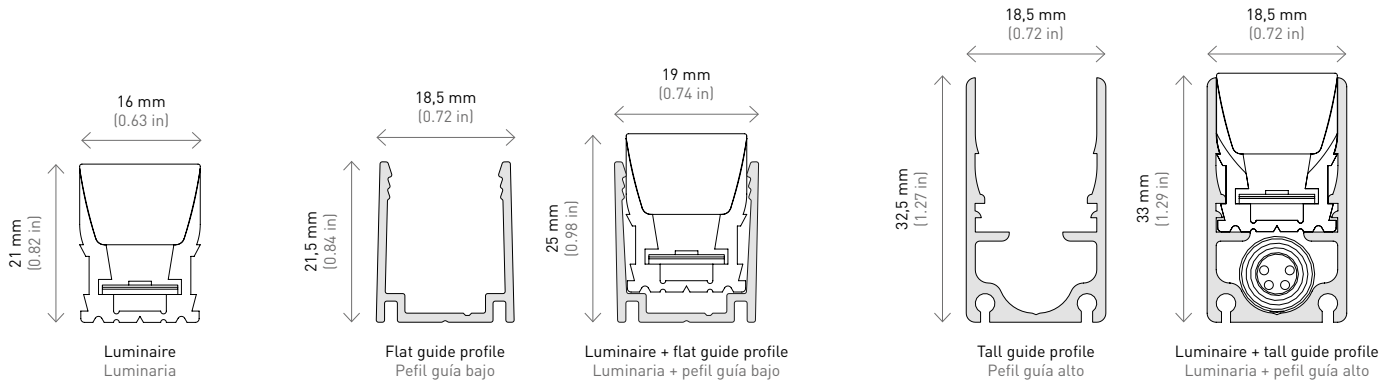
Temperatura de color según normativa **ANSI C78.377A**.
Medición lumens según normativa **LM-79-08**.
Mantenimiento lumens según normativa **LM-80-08**.

Mutua Madrileña,
Madrid, Spain

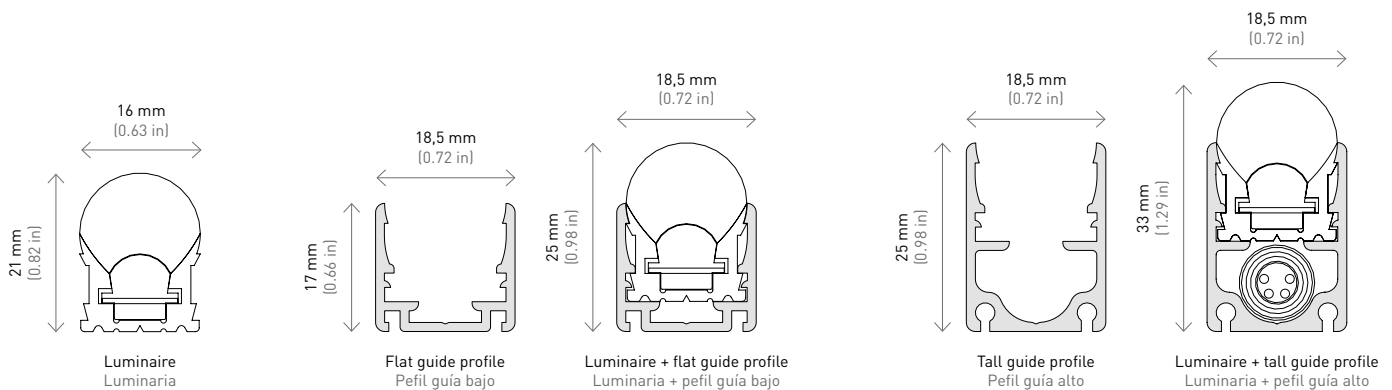
**MEASURES
MEDIDAS**

**SmartLedFlex® Topflex
Square**

Full scale.
Escala real.



**SmartLedFlex® Topflex
Round**



**LIGHT DISTRIBUTION CURVES
FOTOMETRÍAS**

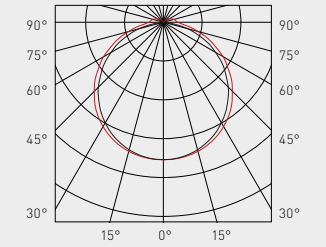
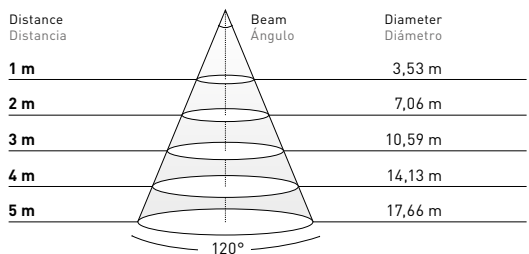
SmartLedFlex® Topflex

9W

3000K
WARM WHITE BLANCO CÁLIDO
137 lux
34 lux
15 lux
9 lux
5 lux

4000K
NEUTRAL WHITE BLANCO NEUTRO
137 lux
34 lux
15 lux
9 lux
5 lux

5000K
COOL WHITE BLANCO FRÍO
137 lux
34 lux
15 lux
9 lux
5 lux



Data calculated with **SmartLedFlex® Topflex** (1000 mm).
Lumen measurement complies with **UNE-EN 13032 / IES LM-79-08** testing procedures.
Light distribution curves are available at **www.grupo-mci.com**.
Due to continuous improvements and innovations, specifications may change without notice.

Datos calculados con **SmartLedFlex® Topflex** (1000 mm).
Ensayado bajo las especificaciones de la norma **UNE-EN 13032 / IES LM-79-08**.
Fotometrías disponibles en **www.grupo-mci.com**.
Debido a las continuas mejoras e innovaciones, las especificaciones pueden cambiar sin previo aviso.

DETAILS
DETALLES



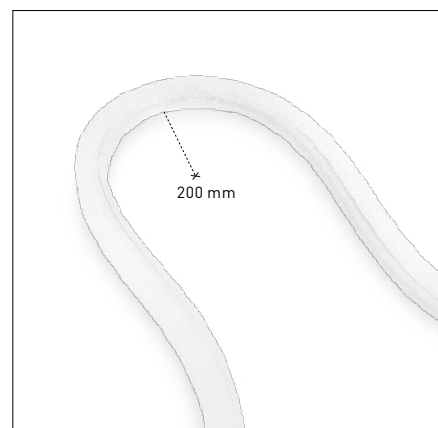
Easy IP67 connection for SmartLedFlex® Topflex custom size.
Fácil conexión IP67 para SmartLedFlex® Topflex a medida.



IP67 connector.
Conector IP67.



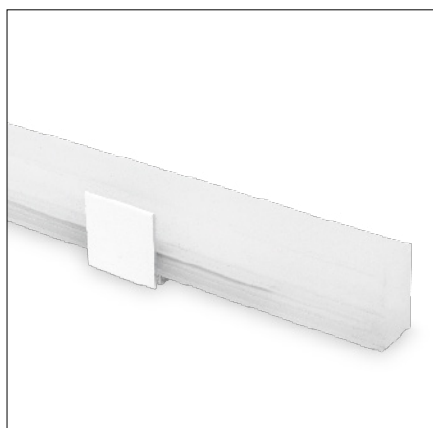
Due to tolerances of the production process the total lengths could change slightly.
Debido a las tolerancias del proceso de producción las longitudes totales pueden cambiar ligeramente.



Minimum bending radius 200 mm.
Radio mínimo de curvatura 200 mm.



SmartLedFlex® Topflex with guide profile.
SmartLedFlex® Topflex con perfil guía.

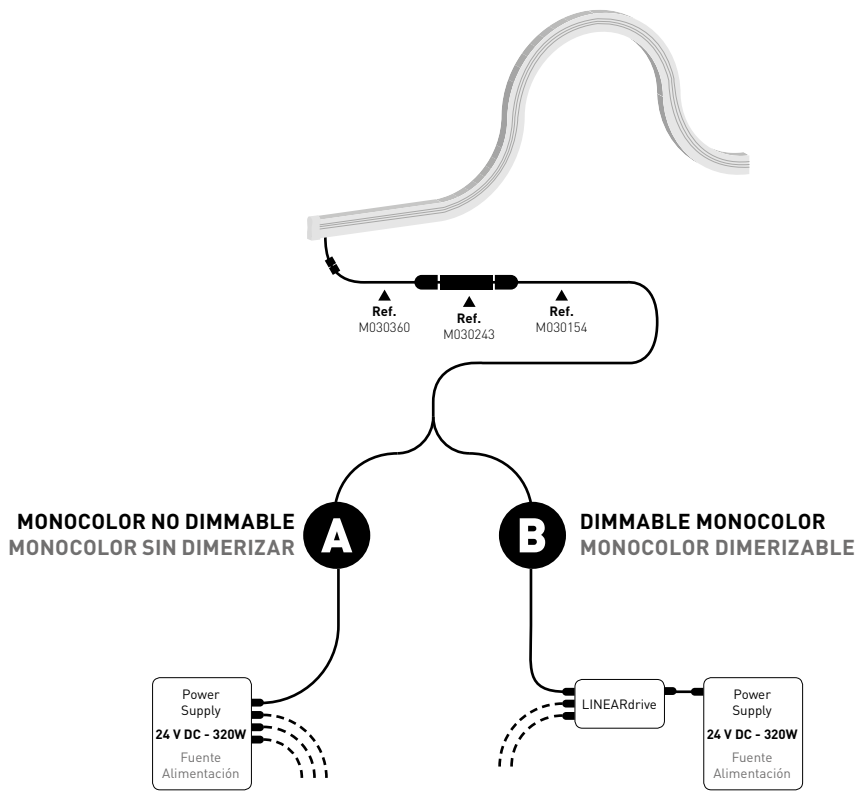


Fixation clip.
Clip de sujeción.



Fixation clip.
Clip de sujeción.

MONOCOLOR CONNECTIONS
CONEXIONES MONOCOLOR



A

MONOCOLOR NO DIMMABLE
MONOCOLOR SIN DIMERIZAR

9 W/m ○○○
Maximum 3 reels of 10 m (or 6 of 5 m.) in parallel connection to PSU 24 V DC - 320W (max. 30 m).
Maximum 5 m from the power supply to the first SmartLedFlex® Topflex.

Máximo 3 bobinas de 10 m. (o 6 de 5 m.) en paralelo conectadas a fuente de alimentación de 24 V DC - 320W (máx. 30 m).
Máximo 5 m. desde la fuente de alimentación al primer SmartLedFlex® Topflex.

17 W/m ○○○
Maximum 3 reels of 5 m in parallel connection to PSU 24 V DC - 320W (max. 20 m).
Maximum 5 m from the power supply to the first SmartLedFlex® Topflex.

Máximo 3 bobinas de 5 m en paralelo conectadas a fuente de alimentación de 24 V DC - 320W (máx. 20 m).
Máximo 5 m. desde la fuente de alimentación al primer SmartLedFlex® Topflex.

B

DIMMABLE WITH LINEARdrive 720
DIMERIZABLE CON LINEARdrive 720

9 W/m ○○○
Maximum 3 reels of 10 m (or 6 of 5 m) in parallel connection to LINEARdrive 720 (PSU 24 V DC - 320W) (max. 30 m).
Maximum 5 m from the power supply to the first reel connection.

Máximo 3 bobinas de 10 m (o 6 de 5 m) conectadas en paralelo al LINEARdrive 720 (fuente de alimentación de 24 V DC - 320W) (máx. 30 m).
Máximo 5 m desde la fuente de alimentación a la primera bobina.

17 W/m ○○○
Maximum 3 reels of 5 m in parallel connection to LINEARdrive 720 (PSU 24 V DC - 320W) (max. 20 m).
Maximum 5 m from the power supply to the first reel connection.

Máximo 3 bobinas de 5 m conectadas en paralelo al LINEARdrive 720 (fuente de alimentación de 24 V DC - 320W) (máx. 20 m).
Máximo 5 m desde la fuente de alimentación a la primera bobina.

CUTTING SIZE REFERENCES
REFERENCIAS CORTE A MEDIDA

7213 0 0 0 /80/3K

LIGHT COLOR		COLOR LUZ	
/80/3K	3000K		
/80/4K	4000K		
/80/5K	5000K		

POWER		POTENCIA*	
1	9W/m		
2	17W/m		

TYPE		MODELO	
0	Round		
1	Square		

CUTTING SIZE OPTIONS
OPCIONES CORTE A MEDIDA

The standard version is delivered with IP67 connector (0,2m wire).
La versión estándar se suministra con conector IP67 (cable 0,2m).

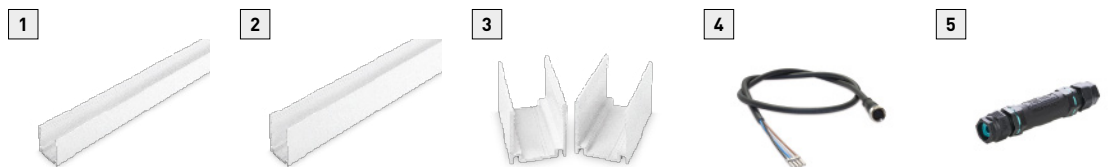
	CUTTING SIZE UNIDAD DE CORTE	POWER (1m) POTENCIA(1m)	MAX. LENGHT LONGITUD MÁX.
	55,5 mm	9 W	10 m
	55,5 mm	17 W	5 m

*Lengths must be compatible with cutting units.
Las longitudes tienen que ser compatibles con las unidades de corte.*

*Due to tolerances of the production process the color temperatures could change slightly.
Debido a las tolerancias del proceso de producción las temperaturas del color pueden cambiar ligeramente.*

*Due to tolerances of the production process the total lengths could change slightly.
Debido a las tolerancias del proceso de producción las longitudes totales pueden cambiar ligeramente.*

ACCESSORIES REFERENCES
REFERENCIAS ACCESORIOS



M130095/C02	White flat guide profile (for square type)	Pefil guía bajo blanco (para modelo cuadrado)	1
M130096/C02	White tall guide profile (for square type)	Pefil guía alto blanco (para modelo cuadrado)	2
M130097/C02	White flat guide profile (for round type)	Pefil guía bajo blanco (para modelo redondo)	
M130098/C02	White tall guide profile (for round type)	Pefil guía alto blanco (para modelo redondo)	
M130099/C02	Fixation clip (for SmartLedFlex Topflex)	Clips sujeción (para SmartLedFlex Topflex)	3
M030360	Power cable 70 cm	Cable alimentación 70 cm	4
	For monocolour installation.	Para instalación monocolor.	
M030243	IP68 "I" connection Ø6-13,5mm Tee Tube (3 poles)	Conexión "I" Ø6-13,5mm IP68 Tee Tube (3 polos)	5
M030154	3 x 1,5 mm² H07RN-F cable (m)	Cable 3 x 1,5 mm² H07RN-F (m)	



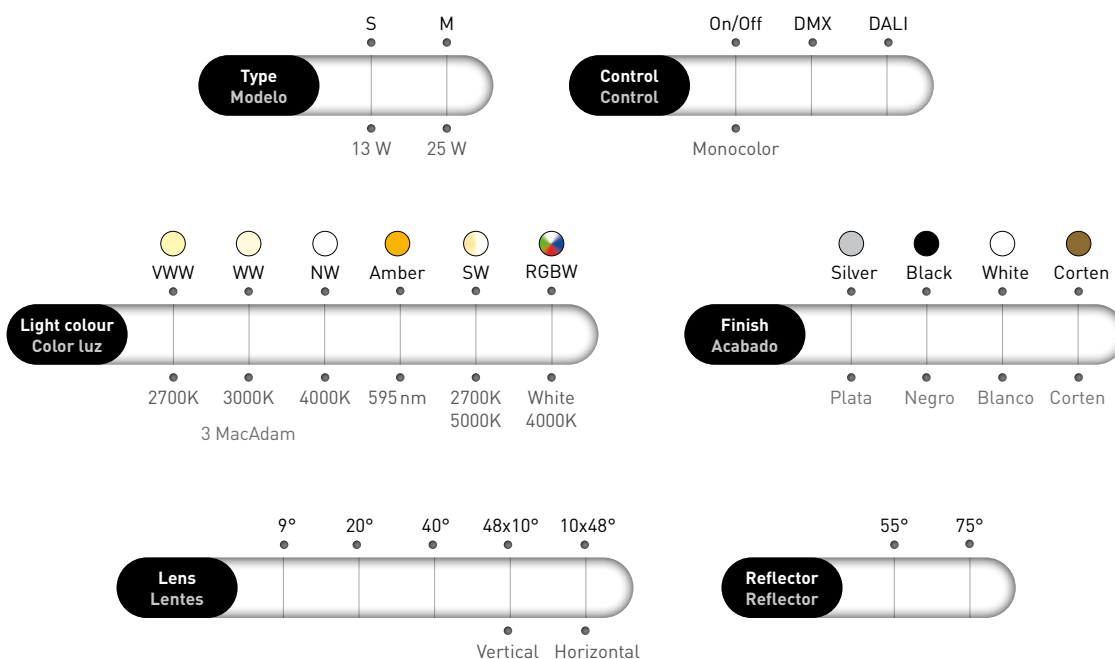


SQUARE S&M



SQUARE S&M

- Architectural accent lighting
 - Luminous flux range from 500 lm to 2000 lm
 - Variety of types: Monocolor, RGBW & SW
 - Anti-glare recessed optics
 - 7 beam angles: 9°, 20°, 40°, 48x10°, 10x48°, 55° and 75°
 - Flush cable gland
 - Swivel (360°) and adjustable (180°) projector
 - Integrated driver
 - Easy serial connection
 - Thermal management certificate
- Luz para acentuar la arquitectura
 - Flujo lumínico de 500 lm a 2000 lm
 - Gran variedad de modelos: Monocolor, RGBW y SW
 - Ópticas antideslumbrantes retranqueadas
 - 7 ángulos de apertura: 9°, 20°, 40°, 48x10°, 10x48°, 55° y 75°
 - Prensaestopas enrasado
 - Proyector rotable (360°) y ajustable (180°)
 - Equipo integrado en la luminaria
 - Fácil conexión en serie
 - Test térmico certificado



The standard version: 9° lens or 75° reflector.
Versión estándar: con lente de 9° o reflector de 75°.

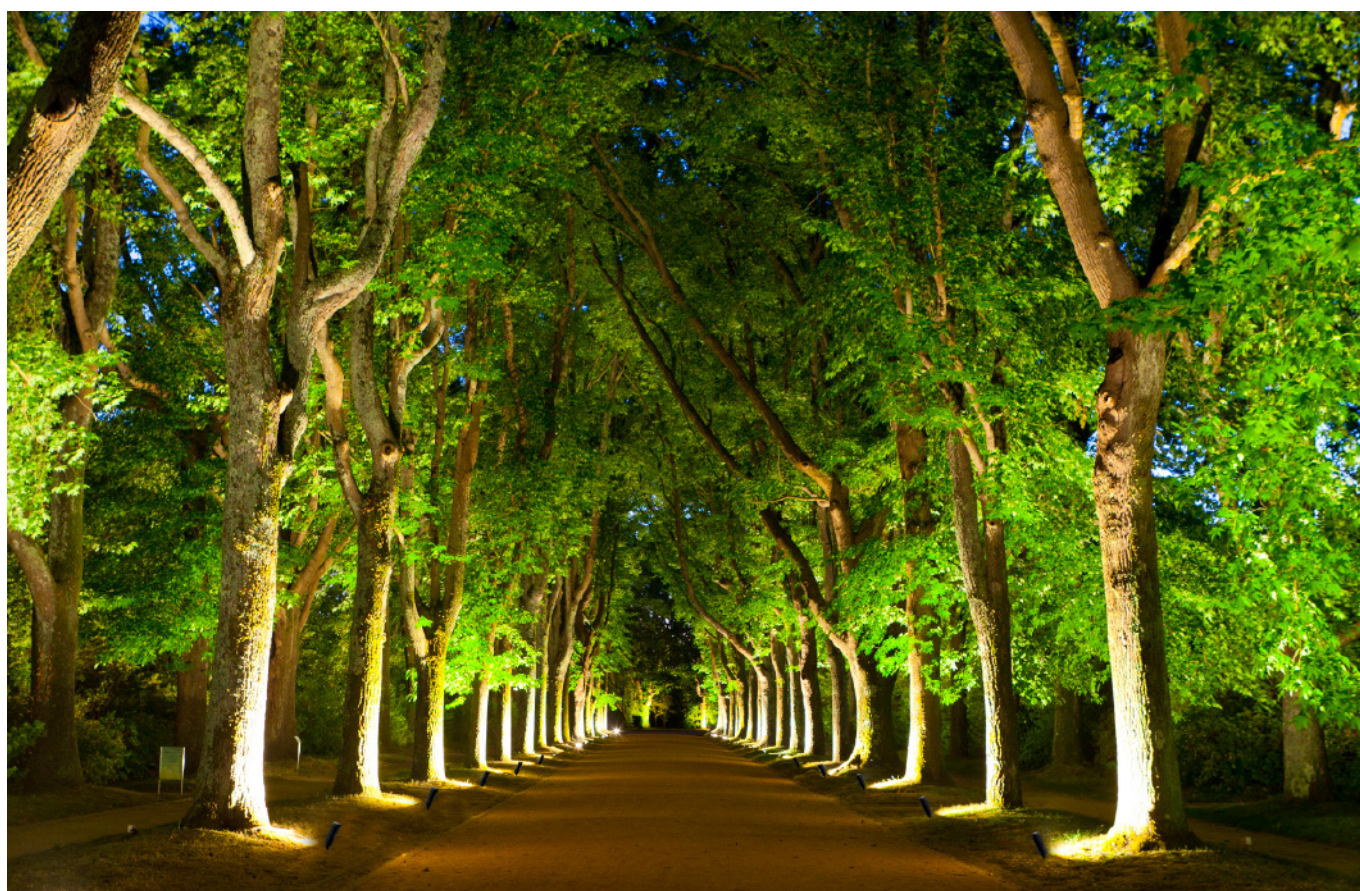
The standard version: On/Off control (Monocolor) and DMX control (Smart White & RGBW).
Versión estándar: con control On/Off (Monocolor) y control DMX (Smart White y RGBW).

SPECIFICATIONS
CARACTERÍSTICAS

IP65	CRI>80	100-240V AC		on/off DMX DALI	AL Housing	Security GLASS Cover	Ta min -20°C -4°F Ta +50°C max +122°F	
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SQUARE "S"										
Measures / Weight	77 x 194 x 42 mm / 0,550 kg									
Power	13 W / 4 LEDs	13 W / 4 LEDs	13 W / 4 LEDs	15 W / 16 LEDs	15 W / 16 LEDs	15 W / 16 LEDs				
Color temperatures	2700K	3000K	4000K	Amber	Smart White 2700K - 5000K	RGBW				
						Red	Green	Blue	4000K	R+G+B+W
Lumen output	9° - 831 lm	9° - 880 lm	9° - 978 lm	9° - 907 lm	9° - 569 lm / 670 lm	9° - 135 lm	252 lm	91 lm	335 lm	759 lm
	20° - 724 lm	20° - 767 lm	20° - 852 lm	20° - 796 lm	20° - 502 lm / 590 lm	20° - 119 lm	221 lm	80 lm	295 lm	668 lm
	40° - 652 lm	40° - 691 lm	40° - 768 lm	40° - 716 lm	40° - 452 lm / 532 lm	40° - 107 lm	199 lm	81 lm	266 lm	601 lm
	10x48° - 717 lm	10x48° - 760 lm	10x48° - 844 lm	10x48° - 785 lm	10x48° - 493 lm / 580 lm	10x48° - 117 lm	218 lm	77 lm	290 lm	660 lm
	55° - 768 lm	55° - 813 lm	55° - 903 lm	55° - 835 lm	55° - 525 lm / 618 lm	55° - 124 lm	232 lm	82 lm	309 lm	702 lm
75° - 804 lm	75° - 851 lm	75° - 946 lm	75° - 878 lm	75° - 552 lm / 650 lm	75° - 130 lm	244 lm	86 lm	325 lm	737 lm	
Luminaire efficiency	65 lm/W	69 lm/W	77 lm/W	60 lm/W	83 lm/W	52 lm/W				

SQUARE "M"										
Measures / Weight	137 x 194 x 42 mm / 0,850 kg									
Power	25 W / 8 LEDs	25 W / 8 LEDs	25 W / 8 LEDs	27 W / 32 LEDs	27 W / 32 LEDs	27 W / 32 LEDs				
Color temperatures	2700K	3000K	4000K	Amber	Smart White 2700K - 5000K	RGBW				
						Red	Green	Blue	4000K	R+G+B+W
Lumen output	9° - 1662 lm	9° - 1760 lm	9° - 1956 lm	9° - 1814 lm	9° - 1138lm/1340lm	9° - 270 lm	504 lm	182 lm	670 lm	1518 lm
	20° - 1448 lm	20° - 1534 lm	20° - 1704 lm	20° - 1592 lm	20° - 1004lm/1180lm	20° - 238 lm	442 lm	160 lm	590 lm	1336 lm
	40° - 1304 lm	40° - 1382 lm	40° - 1536 lm	40° - 1432 lm	40° - 904 lm/1064lm	40° - 214 lm	398 lm	162 lm	532 lm	1202 lm
	10x48° - 1434 lm	10x48° - 1520 lm	10x48° - 1688 lm	10x48° - 1570 lm	10x48° - 986 lm/1160lm	10x48° - 234 lm	436 lm	154 lm	580 lm	1320 lm
	55° - 1536 lm	55° - 1626 lm	55° - 1806 lm	55° - 1670 lm	55° - 1050 lm/1236lm	55° - 248 lm	464 lm	164 lm	618 lm	1404 lm
75° - 1608 lm	75° - 1702 lm	75° - 1892 lm	75° - 1756 lm	75° - 1104 lm/1300lm	75° - 260 lm	488 lm	172 lm	650 lm	1474 lm	
Luminaire efficiency	66 lm/W	70 lm/W	78 lm/W	65 lm/W	84 lm/W	56 lm/W				



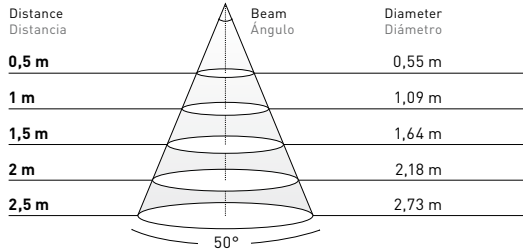
Color temperature conform to ANSI C78.377A.
Lumens measurement conform to LM-79-08.
Lumens maintenance conform to LM-80-08.

Temperatura de color según normativa ANSI C78.377A.
Medición lumens según normativa LM-79-08.
Mantenimiento lumens según normativa LM-80-08.

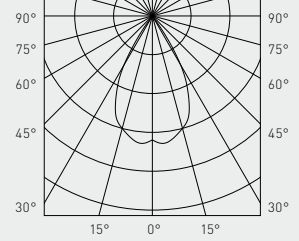
LIGHT DISTRIBUTION CURVES FOTOMETRÍAS

Square® S RGBW

15 W 55°

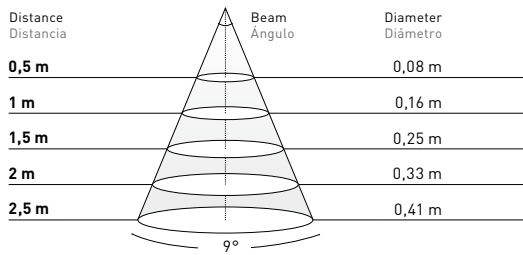


R	G	B	W	R+G+B+W
RED ROJO	GREEN VERDE	BLUE AZUL	WHITE BLANCO	
599 lux	1118 lux	379 lux	1497 lux	3426 lux
150 lux	279 lux	99 lux	374 lux	856 lux
67 lux	124 lux	44 lux	166 lux	381 lux
37 lux	70 lux	25 lux	94 lux	214 lux
24 lux	45 lux	16 lux	60 lux	137 lux

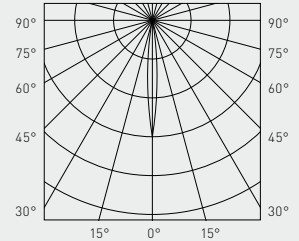


Square® S

13 W 9°

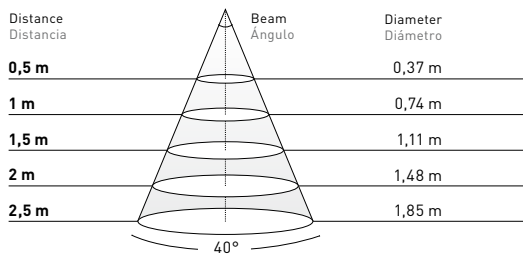


2700K	3000K	4000K
VERY WARM WHITE BLANCO MUY CÁLIDO	WARM WHITE BLANCO CÁLIDO	NEUTRAL WHITE BLANCO NEUTRO
68646 lux	72684 lux	80760 lux
17162 lux	18171 lux	20190 lux
7627 lux	8076 lux	8973 lux
4291 lux	4543 lux	5048 lux
2745 lux	2907 lux	3230 lux

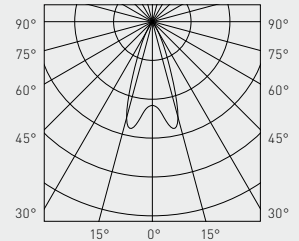


Square® S

13 W 40°

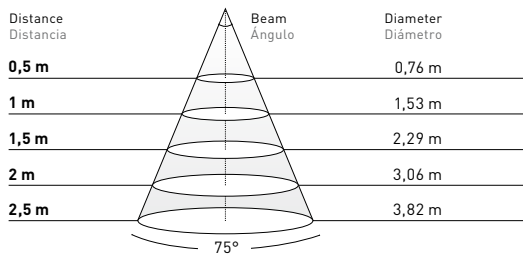


2700K	3000K	4000K
VERY WARM WHITE BLANCO MUY CÁLIDO	WARM WHITE BLANCO CÁLIDO	NEUTRAL WHITE BLANCO NEUTRO
4893 lux	5181 lux	5757 lux
1223 lux	1295 lux	1439 lux
544 lux	576 lux	640 lux
306 lux	324 lux	360 lux
195 lux	207 lux	230 lux

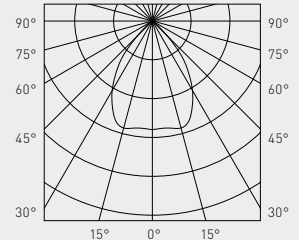


Square® S

13 W 75°



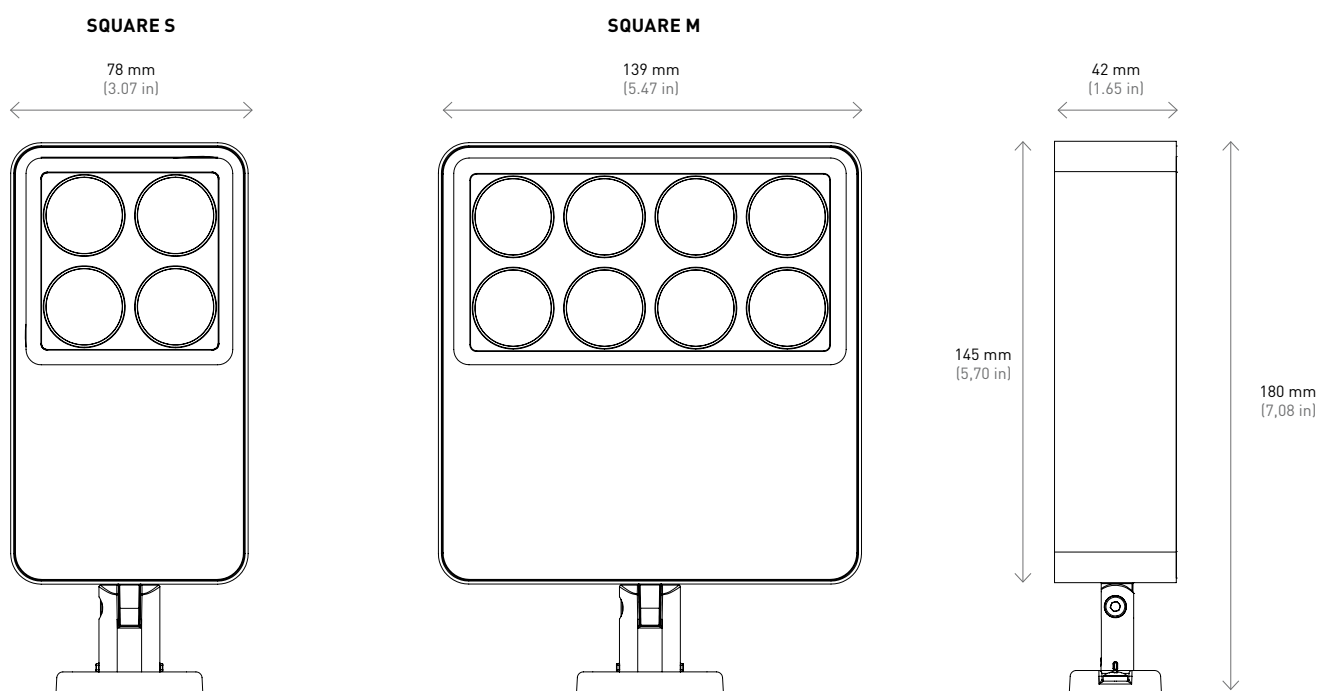
2700K	3000K	4000K
VERY WARM WHITE BLANCO MUY CÁLIDO	WARM WHITE BLANCO CÁLIDO	NEUTRAL WHITE BLANCO NEUTRO
2494 lux	2641 lux	2934 lux
624 lux	661 lux	734 lux
277 lux	293 lux	326 lux
155 lux	165 lux	183 lux
99 lux	105 lux	117 lux



Data calculated with **SQUARE S&M**.
Lumen measurement complies with **UNE-EN 13032 / IES LM-79-08** testing procedures.
Light distribution curves are available at www.grupo-mci.com.
Due to continuous improvements and innovations, specifications may change without notice.

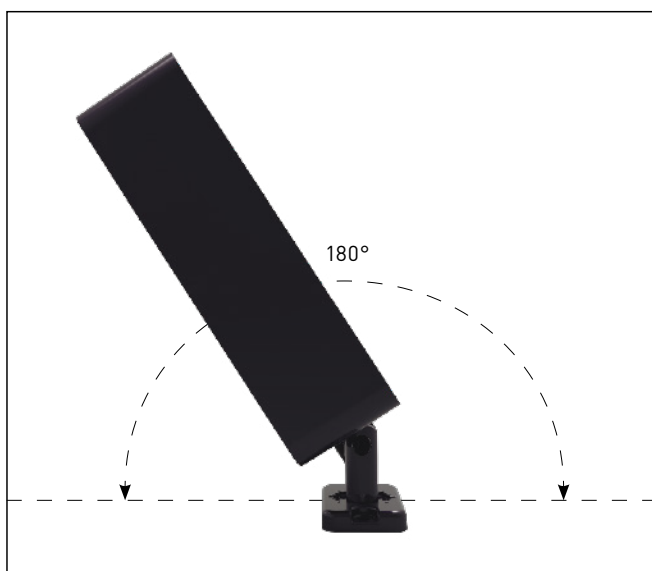
Datos calculados con **SQUARE S&M**.
Ensayado bajo las especificaciones de la norma **UNE-EN 13032 / IES LM-79-08**.
Fotometrías disponibles en www.grupo-mci.com.
Debido a las continuas mejoras e innovaciones, las especificaciones pueden cambiar sin previo aviso.

MEASURES MEDIDAS



ROTATION ROTACIÓN

Its elegant and sophisticated design allow us to illuminate to all directions with an exact precision, due to its tool head, movable in horizontal and vertical way. Su diseño elegante y sofisticado nos permite iluminar en todas direcciones con una precisión exacta, gracias a su cabezal orientable en horizontal y vertical.



Swivel [360°] and adjustable [180°] projector.
Proyector rotatable [360°] y ajustable [180°].

SQUARE S&M

FINISHES ACABADOS

In order to satisfy all our customers, four different versions are available: silver, black, white and corten.
Con el fin de satisfacer las necesidades de nuestros clientes, está disponible en cuatro acabados: plata, negro, blanco y corten.



Micro textured silver.
Plata micro texturizado.



Micro textured black.
Negro micro texturizado.



Micro textured white.
Blanco micro texturizado.

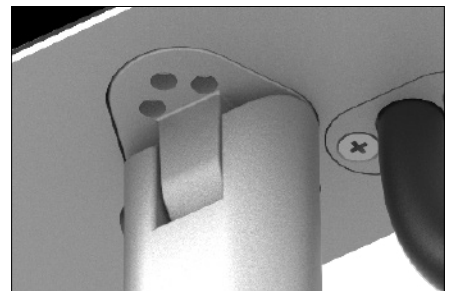


Micro textured corten.
Corten micro texturizado.

DETAILS DETALLES



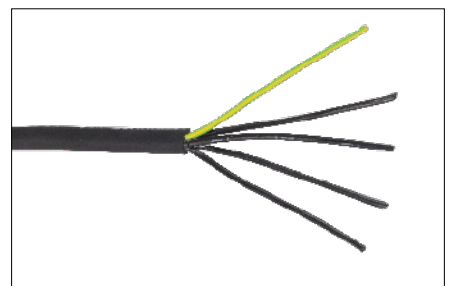
Smooth and compact design.
Diseño liso y compacto.



Hidden pressure equalize membrane.
Membrana oculta de control de presión atmosférica.

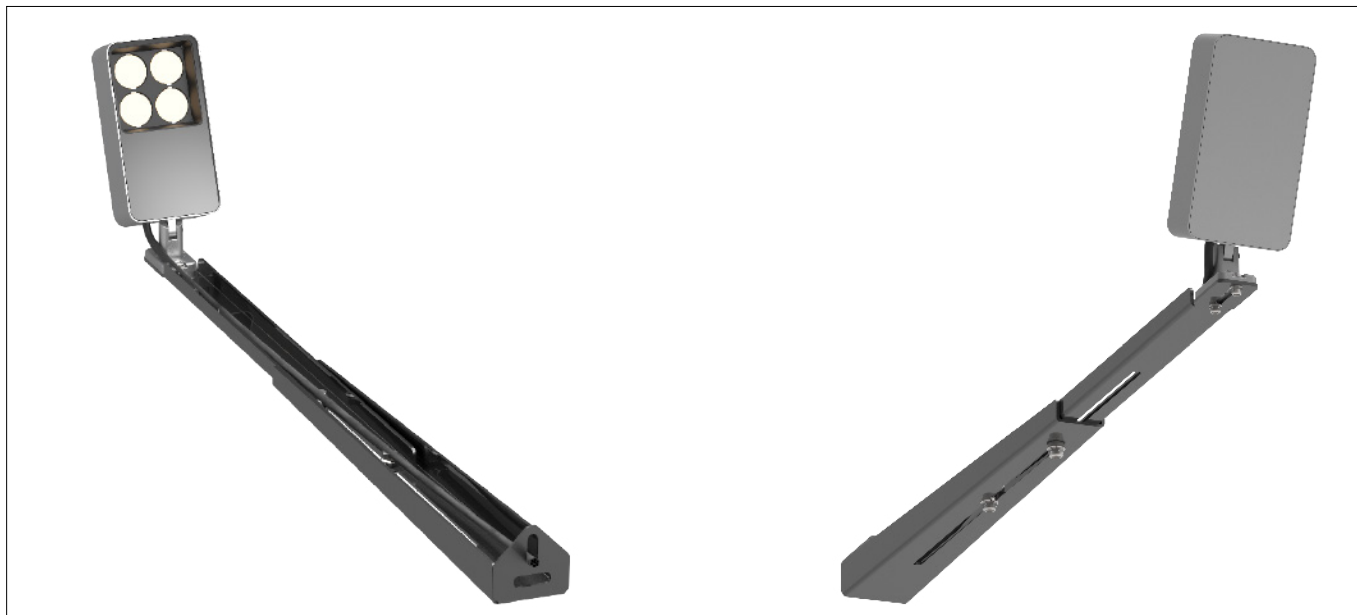


Flush cable gland.
Prensaestopas enrasado.



2m wire.
Cable de 2m.

DETAILS
DETALLES



Extendible black arm wall (50-80 cm).
Brazo pared negro extensible (50-80 cm).



Reflector engineering by Bartenbach:
55° and 75°
Reflector diseñado por Bartenbach:
55° y 75°



Anti-glare recessed optics:
(9°, 20°, 40°, 48x10° and 10x48°)
Ópticas antideslumbrantes retranqueadas:
(9°, 20°, 40°, 48x10° y 10x48°)



Plastic or stainless 316 steel spike.
Pincho de plástico o inox 316.

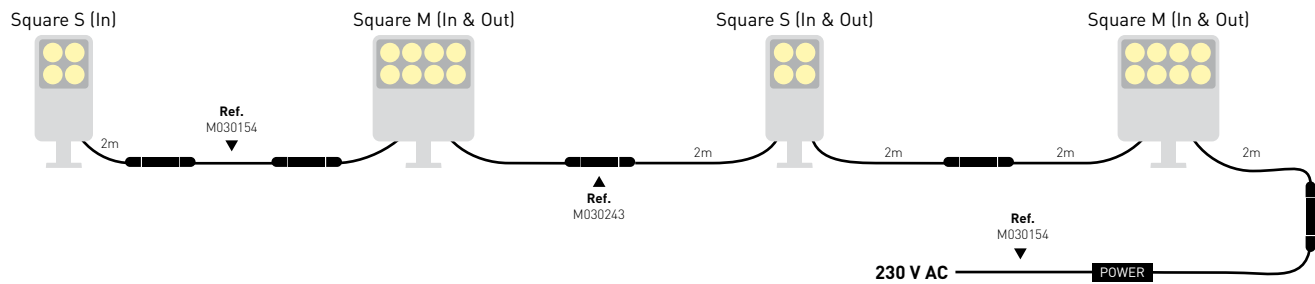
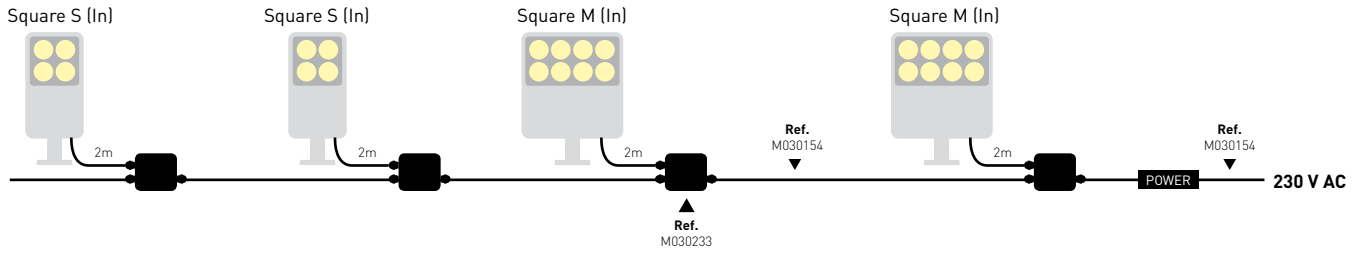


Monolithic tempered glass (5mm) ensures high security protection, stability and hardness.
Cristal de seguridad monolítico templado (5mm) que garantiza una alta protección, estabilidad y dureza.

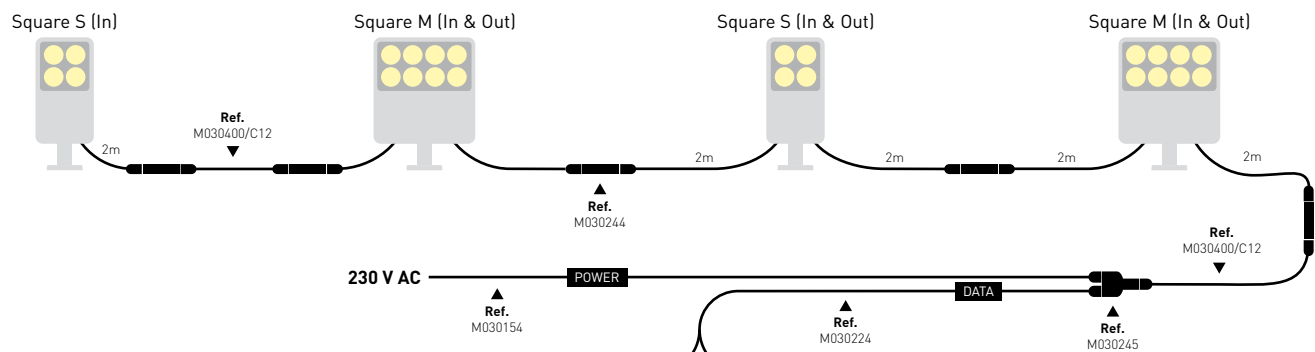


Black Visor anti-glare for Square S&M.
Visera antideslumbrante negra para Square S&M.

MONOCOLOR ON/OFF CONNECTIONS CONEXIONES ON/OFF MONOCOLOR

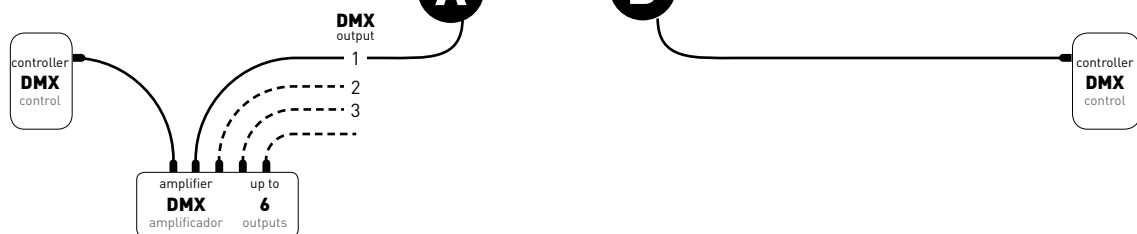


DMX CONNECTIONS CONEXIONES DMX



**MORE THAN 15 SQUARE S&M WITH DMX.
PARA MÁS DE 15 SQUARE S&M CON DMX.**

**UP TO 15 SQUARE S&M WITH DMX.
HASTA 15 SQUARE S&M CON DMX.**



A

**MORE THAN 15 SQUARE S&M WITH DMX 512.
PARA MÁS DE 15 SQUARE S&M CON DMX 512.**

Maximum 15 SQUARE S&M per DMX output.
Maximum 100 m from controller to the amplifier.
Maximum 100 m from amplifier to last SQUARE S&M.

Máximo 15 SQUARE S&M por salida DMX.
Máximo 100 m del controlador al amplificador.
Máximo 100 m del amplificador al último SQUARE S&M.

B

**UP TO 15 SQUARE S&M WITH DMX 512.
PARA MENOS DE 15 SQUARE S&M CON DMX 512.**

Maximum 15 SQUARE S&M per DMX controller.
Maximum 100 m from controller to last SQUARE S&M.
Follow connection diagram type **B** for DALI installations.

Máximo 15 SQUARE S&M por controlador DMX.
Máximo 100 m del controlador al último SQUARE S&M.
Para instalación DALI seguir el conexionado tipo **B**.

REFERENCES
REFERENCIAS

7502 0 0 0 /80/2K7

COLOUR COLOR

- /80/2K7 2700K
- /80/3K 3000K
- /80/4K 4000K
- /04 Amber Ambar (595nm)
- /2K7-5K Smart White 2700K + 5000K
- /11-4K RGBW (4000K)

BEAM ÓPTICAS

- 0 Lens Lente
- 1 Reflector Reflector

FINISHES ACABADOS

- 0 Texturised silver Plata texturizado
- 2 Texturised black Negro texturizado
- 3 Texturised white Blanco texturizado
- 4 Texturised corten Corten texturizado

TYPE MODELO

- 0 Square S In
- 1 Square S In & Out
- 2 Square M In
- 3 Square M In & Out

OPTIONS
OPCIONES

The standard version: 9° lens or 75° reflector.
Versión estándar: con lente de 9° o reflector de 75°.

The standard version: On/Off control (Monocolor) and DMX control (Smart White & RGBW).
Versión estándar: con control On/Off (Monocolor) y control DMX (Smart White y RGBW).

CONTROL CONTROL

- On/Off (Standard: Monocolor)
- DMX 512-A (Standard: Smart White & RGBW)
- DALI

BEAM (Lens) ÁNGULO (Lente)

- 9° (Standard)
- 20°
- 40°
- 48°x 10° (Vertical)
- 10°x 48° (Horizontal)

BEAM (Reflector) ÁNGULO (Reflector)

- 55°
- 75° (Standard)

ACCESSORIES REFERENCES
REFERENCIAS ACCESORIOS



7502910	Plastic spike (length: 17,5 cm)	Pincho plástico (longitud: 17,5 cm)	1
7502911	Stainless 316 steel spike (length: 20 cm)	Pincho inox 316 (longitud: 20 cm)	2
7502915/C13	Extensible Black Arm Wall (50-80 cm)	Brazo pared negro extensible (50-80 cm)	3
7502900/C13	Black Visor anti-glare for Square S	Visera antideslumbrante negra para Square S	4
7502901/C13	Black Visor anti-glare for Square M	Visera antideslumbrante negra para Square M	5

For installation On/Off

Para instalación On/Off

M030233	Derivation box	Caja derivación	6
M030243	IP68 "I" connection Ø6-13,5mm Tee Tube (3 poles)	Conexión "I" Ø6-13,5mm IP68 Tee Tube (3 polos)	7
M030154	3 x 1,5 mm² H07RN-F cable (m)	Cable 3 x 1,5 mm² H07RN-F (m)	

For installation DMX

Para instalación DMX

M030244	IP68 "I" connection Ø6-17mm Tee Tube (5 poles)	Conexión "I" Ø6-13,5mm IP68 Tee Tube (5 polos)	8
M030245	IP68 "Y" connection Ø6-17mm Tee Tube (5 poles)	Conexión "Y" Ø6-17mm IP68 Tee Tube (5 polos)	9
M030224	BELDEN 3105A cable (m)	Cable BELDEN 3105A (m)	
7150203	DMX Addresser Setup	DMX Addresser Setup	10
M030154	3 x 1,5 mm² H07RN-F cable (m)	Cable 3 x 1,5 mm² H07RN-F (m)	
M030400/C12	3 x 1,5 mm² + 2 x AWG22 PUR Cable (m)	Cable PUR 3 x 1,5 mm² + 2 x AWG22 (m)	

Royal Walls of Ceuta,
Ceuta, Spain



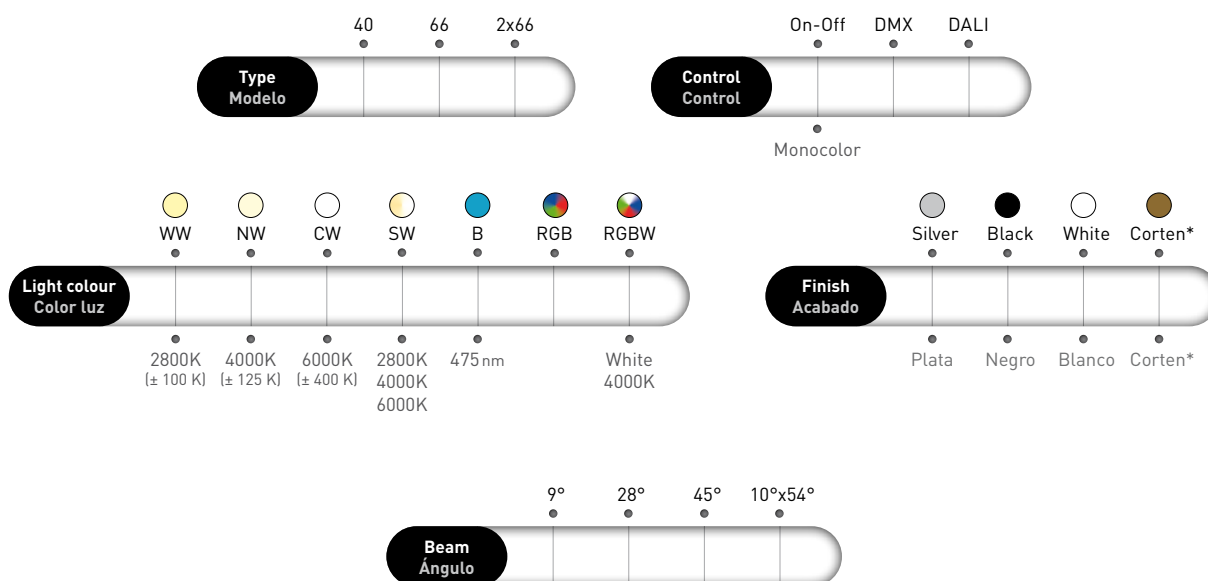


SQUARE GRAZER®

Design by artec3 Studio




- Architectural accent lighting
 - Luminous flux range from 3000 lm to 10000 lm
 - Variety of types and power (up to 160 W)
 - 4 beam angles: 9°, 28°, 45°, 10°x 54°
 - Rotable (180°) and adjustable (145°)
 - Integrated driver
 - Easy serial connection
 - Thermal management certificate
 - BIN control
- Luz para acentuar la arquitectura
 - Flujos lumínicos de 3000 lm a 10000 lm
 - Gran variedad de modelos y potencias (hasta 160 W)
 - 4 ángulos de apertura: 9°, 28°, 45°, 10°x 54°
 - Proyector rotable (180°) y ajustable (145°)
 - Equipo integrado en la luminaria
 - Fácil conexión en serie
 - Test térmico certificado
 - Control del BIN



* The corten finish is only available for the 40 LEDs type.
 * El acabado corten solo está disponible para el modelo de 40 LEDs.

The standard version is delivered with DMX and 28° beam angle.
 La versión estándar se suministra con DMX y ángulo de apertura de 28°.

SPECIFICATIONS
CARACTERÍSTICAS

IP66	IK08	CRI>80	100-277V AC	DMX DALI		AL Housing	Security GLASS Cover	Ta min -20°C -4°F Ta max +50°C +122°F	CE
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Square Grazer® 40 LEDs							
Power	48 W						
Color temperatures	2800K	4000K	6000K	Smart White	Blue	RGB	RGBW
Lumens output	9° - 3088 lm 28° - 2955 lm 45° - 2690 lm 10°x 54° - 2889 lm	9° - 3534 lm 28° - 3382 lm 45° - 3078 lm 10°x 54° - 3306 lm	9° - 4028 lm 28° - 3855 lm 45° - 3508 lm 10°x 54° - 3768 lm	9° - 3539 lm 28° - 3387 lm 45° - 3082 lm 10°x 54° - 3310 lm	9° - 1081 lm 28° - 1034 lm 45° - 940 lm 10°x 54° - 1011 lm	9° - 2122 lm 28° - 2030 lm 45° - 1848 lm 10°x 54° - 1985 lm	9° - 2597 lm 28° - 2485 lm 45° - 2262 lm 10°x 54° - 2429 lm
Luminaire efficiency	56 to 64 lm/W	64 to 74 lm/W	73 to 84 lm/W	64 to 74 lm/W	20 to 23 lm/W	38 to 44 lm/W	47 to 59 lm/W
Measures / Weight	296 x 260 x 100 mm / 4,5 kg						

Square Grazer® 66 LEDs							
Power	79 W						
Color temperatures	2800K	4000K	6000K	Smart White	Blue	RGB	RGBW
Lumens output	9° - 5096 lm 28° - 4877 lm 45° - 4438 lm 10°x 54° - 4767 lm	9° - 5831 lm 28° - 5580 lm 45° - 5078 lm 10°x 54° - 5454 lm	9° - 6647 lm 28° - 6361 lm 45° - 5789 lm 10°x 54° - 6218 lm	9° - 5857 lm 28° - 5605 lm 45° - 5101 lm 10°x 54° - 5479 lm	9° - 1784 lm 28° - 1708 lm 45° - 1554 lm 10°x 54° - 1670 lm	9° - 3498 lm 28° - 3375 lm 45° - 3047 lm 10°x 54° - 3272 lm	9° - 4287 lm 28° - 4103 lm 45° - 3734 lm 10°x 54° - 4011 lm
Luminaire efficiency	56 to 64 lm/W	64 to 74 lm/W	73 to 84 lm/W	64 to 74 lm/W	20 to 23 lm/W	38 to 44 lm/W	47 to 59 lm/W
Measures / Weight	480 x 260 x 100 mm / 6,8 kg						

Square Grazer® 2x66 LEDs							
Power	160 W						
Color temperatures	2800K	4000K	6000K	Smart White	Blue	RGB	RGBW
Lumens output	9° - 10192 lm 28° - 9754 lm 45° - 8876 lm 10°x 54° - 9534 lm	9° - 11662 lm 28° - 11160 lm 45° - 10156 lm 10°x 54° - 10908 lm	9° - 13294 lm 28° - 12722 lm 45° - 11578 lm 10°x 54° - 12436 lm	9° - 11714 lm 28° - 11210 lm 45° - 10202 lm 10°x 54° - 10958 lm	9° - 3569 lm 28° - 3415 lm 45° - 3108 lm 10°x 54° - 3339 lm	9° - 6996 lm 28° - 6750 lm 45° - 6094 lm 10°x 54° - 6544 lm	9° - 8574 lm 28° - 8206 lm 45° - 7468 lm 10°x 54° - 8022 lm
Luminaire efficiency	56 to 64 lm/W	64 to 74 lm/W	73 to 84 lm/W	64 to 74 lm/W	20 to 23 lm/W	38 to 44 lm/W	47 to 59 lm/W
Measures / Weight	506 x 485 x 120 mm / 14 kg						



Color temperature conform to **ANSI C78.377A**.
Lumens measurement conform to **LM-79-08**.
Lumens maintenance conform to **LM-80-08**.

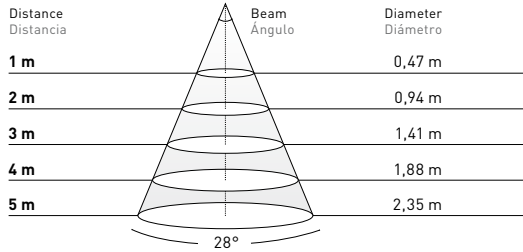
Temperatura de color según normativa **ANSI C78.377A**.
Medición lumens según normativa **LM-79-08**.
Mantenimiento lumens según normativa **LM-80-08**.

Underpasses,
Tangier, Morocco

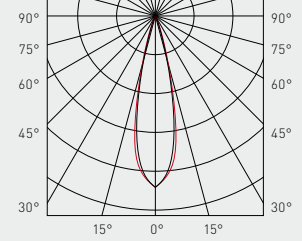
LIGHT DISTRIBUTION CURVES FOTOMETRÍAS

Square Grazer® 40 LEDs

28°

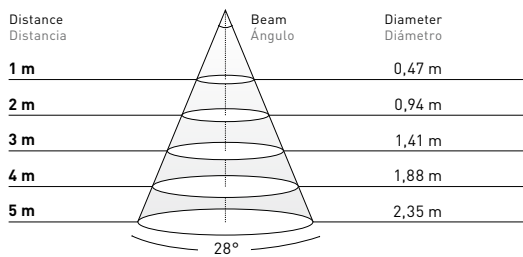


2800K	4000K	6000K
WARM WHITE BLANCO CÁLIDO	NEUTRAL WHITE BLANCO NEUTRO	COOL WHITE BLANCO FRÍO
8.310 lux	9.511 lux	10.841 lux
2.077 lux	2.378 lux	2.710 lux
923 lux	1.057 lux	1.205 lux
519 lux	594 lux	678 lux
332 lux	380 lux	434 lux

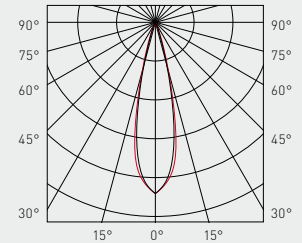


Square Grazer® 66 LEDs

28°

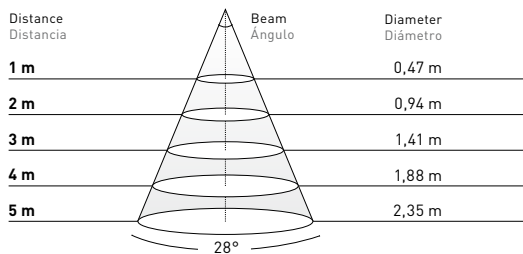


2800K	4000K	6000K
WARM WHITE BLANCO CÁLIDO	NEUTRAL WHITE BLANCO NEUTRO	COOL WHITE BLANCO FRÍO
13.715 lux	15.692 lux	17.888 lux
3.429 lux	3.923 lux	4.472 lux
1.524 lux	1.744 lux	1.988 lux
857 lux	981 lux	1.118 lux
549 lux	628 lux	716 lux

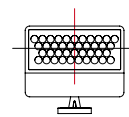
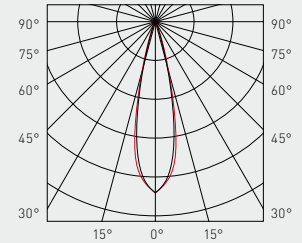


Square Grazer® 2x66 LEDs

28°



2800K	4000K	6000K
WARM WHITE BLANCO CÁLIDO	NEUTRAL WHITE BLANCO NEUTRO	COOL WHITE BLANCO FRÍO
27.437 lux	31.384 lux	35.776 lux
6.857 lux	7.846 lux	8.944 lux
3.048 lux	3.487 lux	3.975 lux
1.714 lux	1.961 lux	2.236 lux
1.097 lux	1.255 lux	1.431 lux

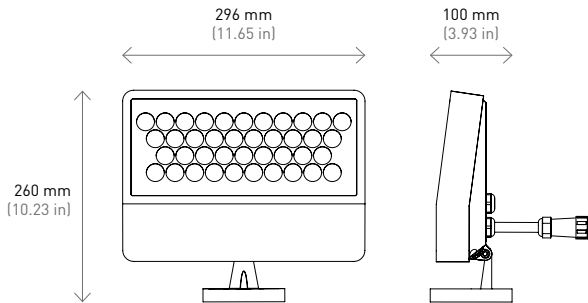


Data calculated with Square Grazer® (28°).
Lumen measurement complies with UNE-EN 13032 / IES LM-79-08 testing procedures.
Light distribution curves are available at www.grupo-mci.com.
Due to continuous improvements and innovations, specifications may change without notice.

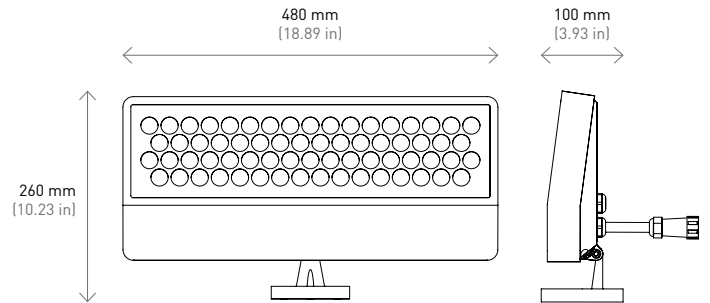
Datos calculados con Square Grazer® (28°).
Ensayado bajo las especificaciones de la norma UNE-EN 13032 / IES LM-79-08.
Fotometrías disponibles en www.grupo-mci.com.
Debido a las continuas mejoras e innovaciones, las especificaciones pueden cambiar sin previo aviso.

**MEASURES
MEDIDAS**

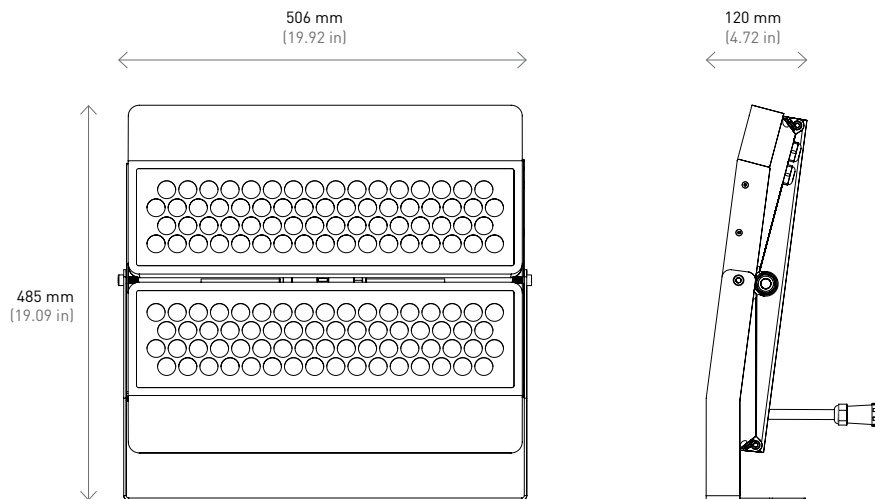
Square Grazer® 40 LEDs



Square Grazer® 66 LEDs



Square Grazer® 2x66 LEDs

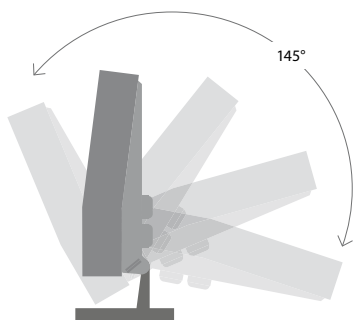


**ROTATION
ROTACIÓN**

Its elegant and sophisticated design allow us to illuminate to all directions with an exact precision, due to its tool head, movable in horizontal and vertical way. Su diseño elegante y sofisticado nos permite iluminar en todas direcciones con una precisión exacta, gracias a su cabezal orientable en horizontal y vertical.

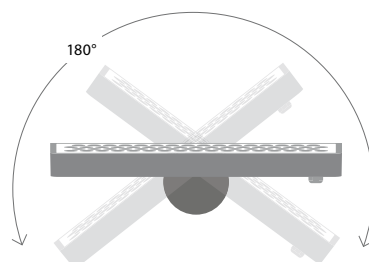
Square Grazer® 40 LEDs/66 LEDs

Side view
Vista lateral



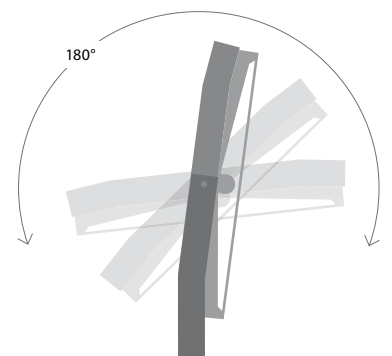
Square Grazer® 40 LEDs/66 LEDs

Top view
Planta



Square Grazer® 2x66 LEDs

Side view
Vista lateral



FINISHES ACABADOS

In order to satisfy all our customers, four different versions are available: silver, black, white and corten.
Con el fin de satisfacer las necesidades de nuestros clientes, está disponible en cuatro acabados: plata, negro, blanco y corten.



Silver
Plata

[RAL 9006]



Black
Negro

[RAL 9011]



White
Blanco

[RAL 9003]



Micro texturised corten.
Corten micro texturizado.

Only available for the 40 LEDs type.
Solo disponible para el modelo 40 LEDs.



Qatar Handball Association Complex,
Doha, Qatar

DETAILS
DETALLES



Passive heat sink.
Disipador de calor pasivo.



GORE pressure equalize valve
Válvula de control de presión atmosférica GORE

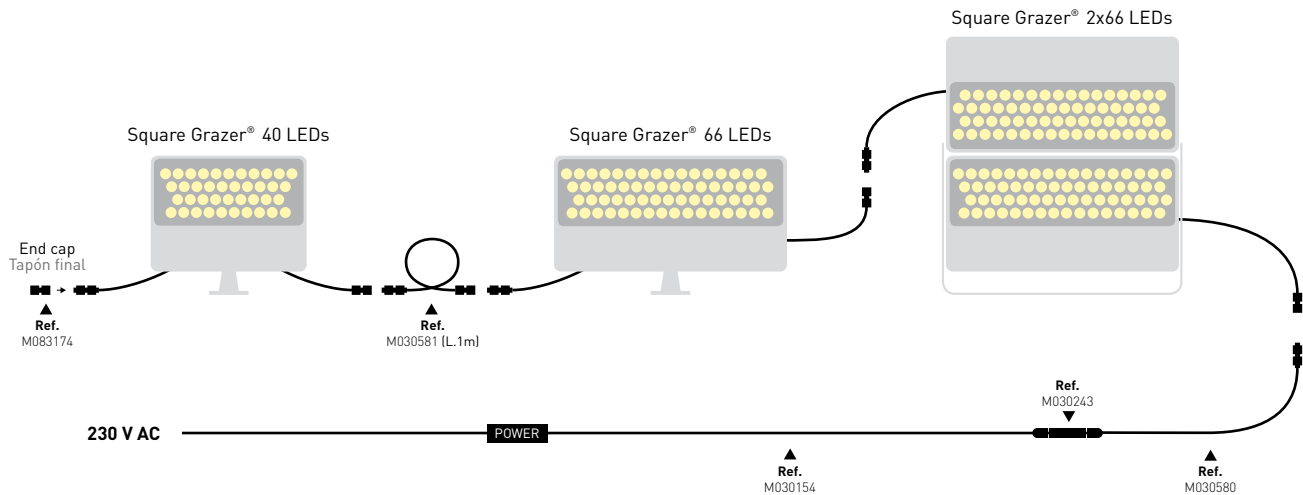


Static load test: 5,4 kN
Test carga estática: 5,4 kN

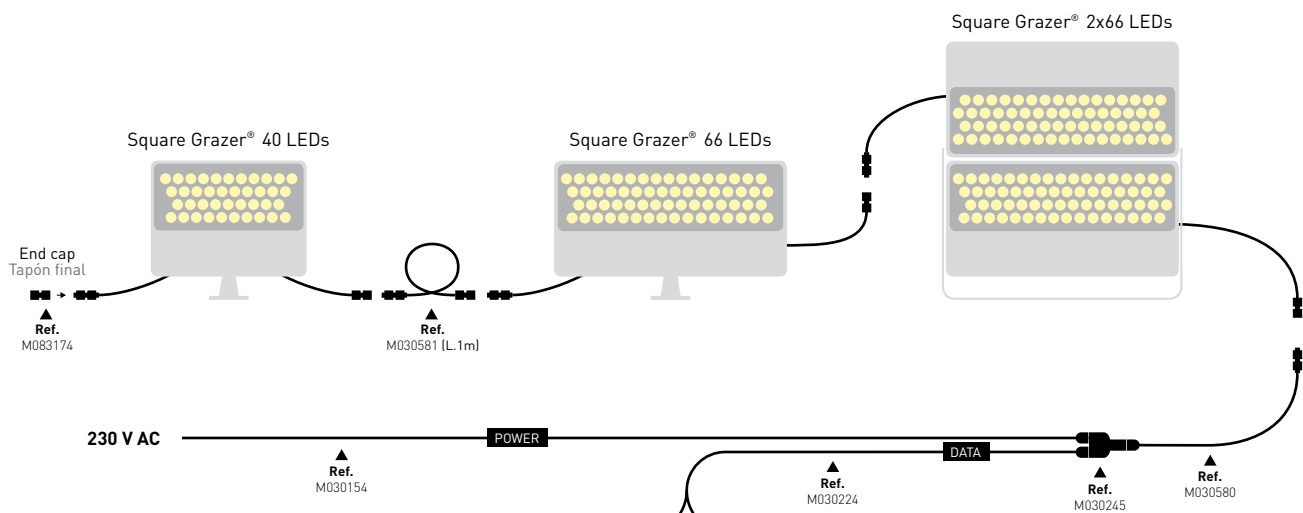


Monolithic tempered glass ensures high security protection, stability and hardness.
Cristal de seguridad monolítico templado que garantiza una alta protección, estabilidad y dureza.

MONOCOLOR ON/OFF CONNECTIONS CONEXIONES ON/OFF MONOCOLOR



DMX CONNECTIONS CONEXIONES DMX

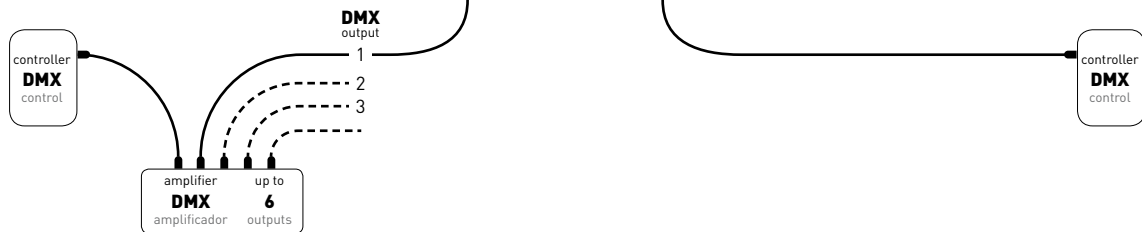


**MORE THAN 15 SQUARE GRAZER® WITH DMX.
PARA MÁS DE 15 SQUARE GRAZER® CON DMX.**

A

**UP TO 15 SQUARE GRAZER® WITH DMX.
HASTA 15 SQUARE GRAZER® CON DMX.**

B



A

**MORE THAN 15 SQUARE GRAZER® WITH DMX 512.
PARA MÁS DE 15 SQUARE GRAZER® CON DMX 512.**

Maximum 15 Square Grazer® per DMX output.
Maximum 100 m from controller to the amplifier.
Maximum 100 m from amplifier to last Square Grazer®.

Máximo 15 Square Grazer® por salida DMX.
Máximo 100 m del controlador al amplificador.
Máximo 100 m del amplificador al último Square Grazer®.

B

**UP TO 15 SQUARE GRAZER® WITH DMX 512.
PARA MENOS DE 15 SQUARE GRAZER® CON DMX 512.**

Maximum 15 Square Grazer® per DMX controller.
Maximum 100 m from controller to last Square Grazer®.
Follow connection diagram type **B** for DALI installations.

Máximo 15 Square Grazer® por controlador DMX.
Máximo 100 m del controlador al último Square Grazer®.
Para instalación DALI seguir el conexionado tipo **B**.

**REFERENCES
REFERENCIAS**

75006 0 2 /80/2K8

COLOUR COLOR

- /80/2K8** Warm white Blanco cálido
- /80/4K** Neutral white Blanco neutro
- /80/6K** Cool white Blanco frío
- /2K8-6K** Smart white (2800K + 4000K + 6000K)
- /09** Blue Azul
- /11** RGB
- /11-4K** RGBW (white 4000K)

TYPE MODELO

- 2** Square Grazer® 40 LEDs
- 4** Square Grazer® 66 LEDs
- 5** Square Grazer® 2 x 66 LEDs

FINISHES ACABADOS

- 0** Silver Plata (RAL 9006)
- 2** Black Negro (RAL 9011)
- 3** White Blanco (RAL 9003)
- 4** Corten Corten*

* The corten finish is only available for the 40 LEDs type.
El acabado corten solo está disponible para el modelo de 40 LEDs.

**OPTIONS
OPCIONES**

The standard version is delivered with: DMX and 28° beam.
La versión estándar se suministra con: DMX y ángulo de 28°.

CONTROL CONTROL

- On-Off
- DMX 512-A **(Standard)**
- DALI

BEAM ÁNGULO

- 9°
- 28° **(Standard)**
- 45°
- 10°x 54°

**ACCESSORIES REFERENCES
REFERENCIAS ACCESORIOS**



M030580	2 m power cable (5 poles-female)	Cable alimentación 2 m (5 polos-hembra)	1
M030581	1 m extension cable (5 poles)	Cable extensión 1 m (5 polos)	2
M083174	120 OHM end cap (5 poles-male)	Tapón final 120 OHM (5 polos-macho)	3
M030243	IP68 "I" connection Ø6-13,5mm Tee Tube (3 poles)	Conexión "I" Ø6-13,5mm IP68 Tee Tube (3 polos)	4

Custom assembly for installers.

Para el montaje a medida por el instalador.

M083166	IP68 connector (5 poles-male)	Conector aereo IP68 (5 polos-macho)	5
M083173	End cap (male)	Tapón final (macho)	
M083167	IP68 connector (5 poles-female)	Conector aereo IP68 (5 polos-hembra)	6
M083172	End cap (female)	Tapón final (hembra)	
M030400/C12	2 x AWG22 + 3 x 1,5 mm ² cable (m)	Cable 2 x AWG22 + 3 x 1,5 mm ² (m)	

For installation.

Para instalación.

M030245	IP68 "Y" connection Ø6-17mm Tee Tube (5 poles)	Conexión "Y" Ø6-17mm IP68 Tee Tube (5 polos)	7
M030154	3 x 1,5 mm ² H07RN-F cable (m)	Cable 3 x 1,5 mm ² H07RN-F (m)	
M030224	BELDEN 3105A cable (m)	Cable BELDEN 3105A (m)	
7150203	DMX Addresser Setup	DMX Addresser Setup	8

Amandolier building,
Geneva , Switzerland



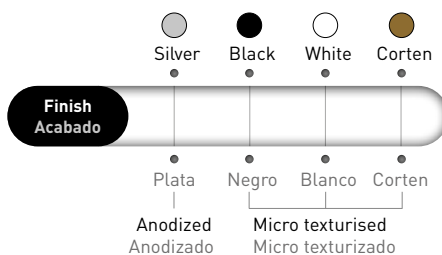
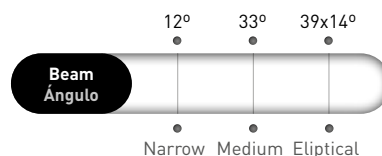
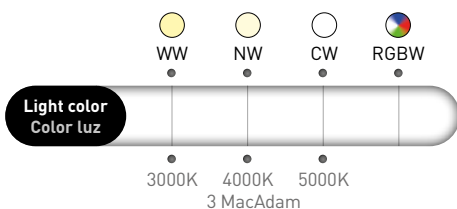
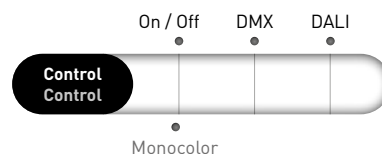
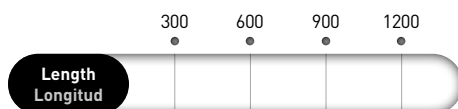
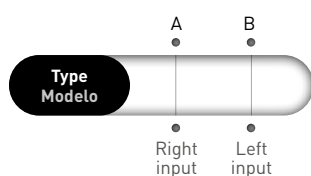


LINE GRAZER[®] PLUS



LINE GRAZER® PLUS

- Powerful wall washer up to 30m
- Lumens output up to 9500lm
- Antiglare luminaire
- Flush wall washer
- 3 beam angles: 12°, 33° and 39x14°
- Perfect color mixing
- Easy serial connection
- Bañador de paredes potente hasta 30m
- Lumens output hasta 9500lm
- Luminaria antideslumbrante
- Bañado de luz a ras de la luminaria
- 3 ángulos de apertura: 12°, 33° y 39x14°
- Mezcla de colores perfecta
- Fácil conexión en serie



The standard version is delivered with DMX, floor-wall bracket and 39x14° beam angle.
La versión estándar se suministra con DMX, soporte suelo-pared y un ángulo de apertura de 39x14°.

SPECIFICATIONS CARACTERÍSTICAS

IP66	IK09	CRI 80	on/off DMX DALI	100-277V AC		AL Housing	Security GLASS Cover	Ta -20°C min -4°F Ta +50°C max +122°F	CE
------	------	--------	-----------------------	----------------	--	---------------	----------------------------	--	----

Line Grazer® PLUS 1200									
Power	130W (20 LEDs)								
Color temperature	3000K	4000K	5000K	RGBW					
Lumens output	12° - 9824 lm 33° - 8932 lm 39x14 - 9376 lm	12° - 10464 lm 33° - 9512 lm 39x14 - 9988 lm	12° - 10464 lm 33° - 9512 lm 39x14 - 9988 lm	12° - 1100 lm 33° - 1000 lm 39x14 - 1050 lm	Red	Green	Blue	4000K	R+G+B+W
Luminaire efficiency	76 lm/W	80 lm/W	80 lm/W	31 lm/W					
Measures / Weight	1221 x 127 x 72 mm / 8 kg								

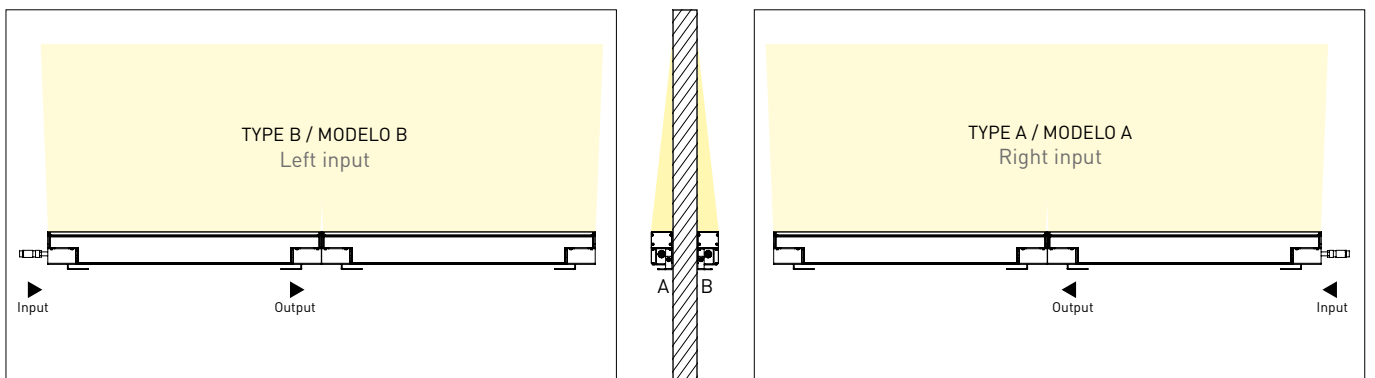
Line Grazer® PLUS 900									
Power	97W (15 LEDs)								
Color temperature	3000K	4000K	5000K	RGBW					
Lumens output	12° - 7368 lm 33° - 6699 lm 39x14 - 7032 lm	12° - 7848 lm 33° - 7134 lm 39x14 - 7490 lm	12° - 7848 lm 33° - 7134 lm 39x14 - 7490 lm	12° - 825 lm 33° - 750 lm 39x14 - 788 lm	Red	Green	Blue	4000K	R+G+B+W
Luminaire efficiency	76 lm/W	80 lm/W	80 lm/W	31 lm/W					
Measures / Weight	921 x 127 x 72 mm / 6,1 kg								

Line Grazer® PLUS 600									
Power	65W (10 LEDs)								
Color temperature	3000K	4000K	5000K	RGBW					
Lumens output	12° - 4912 lm 33° - 4466 lm 39x14 - 4688 lm	12° - 5232 lm 33° - 4756 lm 39x14 - 7994 lm	12° - 5232 lm 33° - 4756 lm 39x14 - 7994 lm	12° - 550 lm 33° - 500 lm 39x14 - 525 lm	Red	Green	Blue	4000K	R+G+B+W
Luminaire efficiency	76 lm/W	80 lm/W	80 lm/W	31 lm/W					
Measures / Weight	621 x 127 x 72 mm / 4 kg								

Line Grazer® PLUS 300									
Power	33W (5 LEDs)								
Color temperature	3000K	4000K	5000K	RGBW					
Lumens output	12° - 2456 lm 33° - 2233 lm 39x14 - 2344 lm	12° - 2616 lm 33° - 2378 lm 39x14 - 2497 lm	12° - 2616 lm 33° - 2378 lm 39x14 - 2497 lm	12° - 275 lm 33° - 250 lm 39x14 - 262 lm	Red	Green	Blue	4000K	R+G+B+W
Luminaire efficiency	76 lm/W	80 lm/W	80 lm/W	31 lm/W					
Measures / Weight	321 x 127 x 72 mm / 1,9 kg								

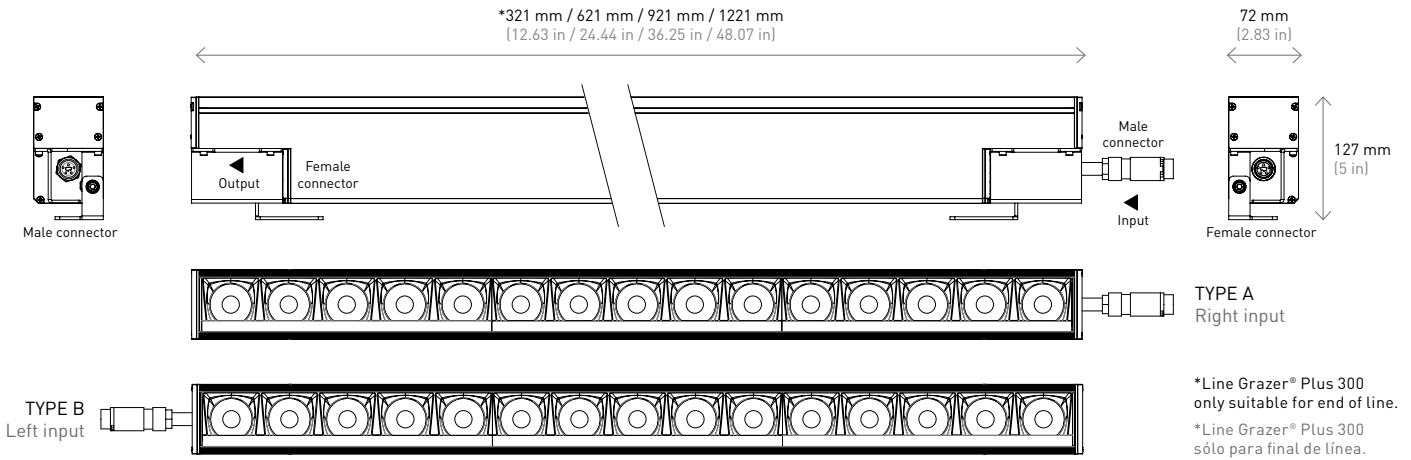
Color temperature conform to **ANSI C78.377A**.
Lumens measurement conform to **LM-79-08**.
Lumens maintenance conform to **LM-80-08**.

Temperatura de color según normativa **ANSI C78.377A**.
Medición lumens según normativa **LM-79-08**.
Mantenimiento lumens según normativa **LM-80-08**.

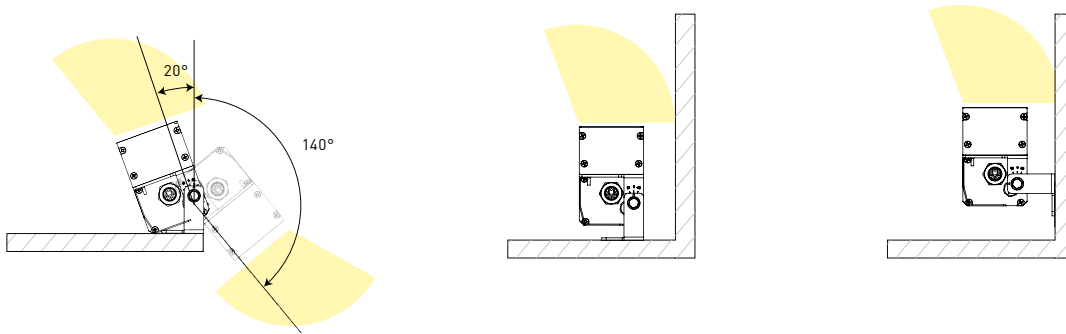


LINE GRAZER® PLUS

MEASURES MEDIDAS



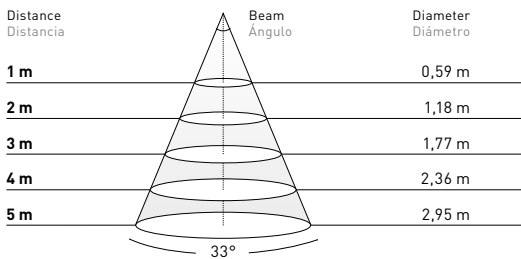
ROTATION ROTACIÓN



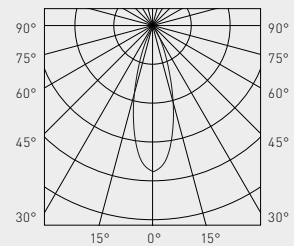
LIGHT DISTRIBUTION CURVES FOTOMETRÍAS

Line Grazer® Plus RGBW

33 W 33°

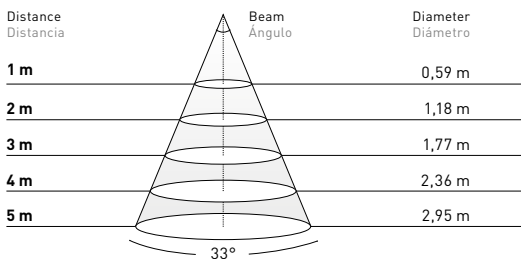


R	G	B	W	R+G+B+W
RED ROJO	GREEN VERDE	BLUE AZUL	WHITE BLANCO	
614 lux	854 lux	172 lux	1094 lux	2341 lux
153 lux	214 lux	43 lux	274 lux	585 lux
68 lux	95 lux	19 lux	122 lux	260 lux
38 lux	53 lux	11 lux	68 lux	146 lux
25 lux	34 lux	7 lux	44 lux	94 lux

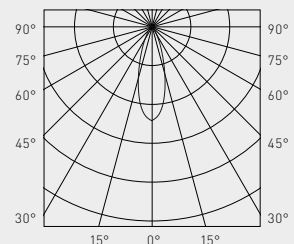


Line Grazer® Plus

33 W 33°



3000K	4000K	5000K
WARM WHITE BLANCO CÁLIDO	NEUTRAL WHITE BLANCO NEUTRO	COOL WHITE BLANCO FRÍO
5522 lux	5880 lux	5880 lux
1380 lux	1470 lux	1470 lux
613 lux	653 lux	653 lux
345 lux	368 lux	368 lux
221 lux	236 lux	236 lux

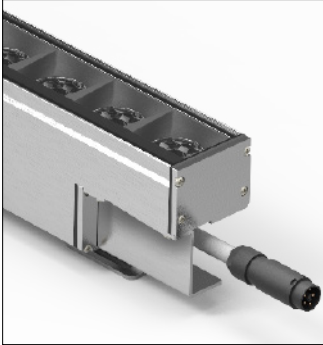


Data calculated with **Line Grazer® Plus (300 mm)**.
Lumen measurement complies with **UNE-EN 13032 / IES LM-79-08** testing procedures.
Light distribution curves are available at www.grupo-mci.com.
Due to continuous improvements and innovations, specifications may change without notice.

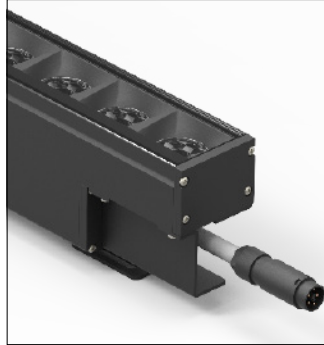
Datos calculados con **Line Grazer® Plus (300 mm)**.
Ensayado bajo las especificaciones de la norma **UNE-EN 13032 / IES LM-79-08**.
Fotometrías disponibles en www.grupo-mci.com.
Debido a las continuas mejoras e innovaciones, las especificaciones pueden cambiar sin previo aviso.

FINISHES
ACABADOS

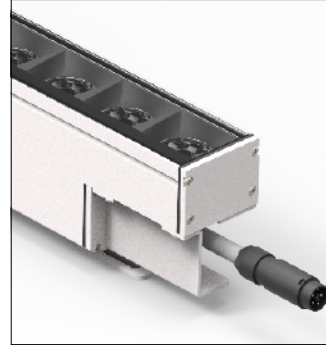
In order to satisfy all our customers, four different versions are available: silver, black, white and corten.
Con el fin de satisfacer las necesidades de nuestros clientes, está disponible en cuatro acabados: plata, negro, blanco y corten.



Anodized silver.
Plata anodizado.



Micro textured black.
Negro micro texturizado.

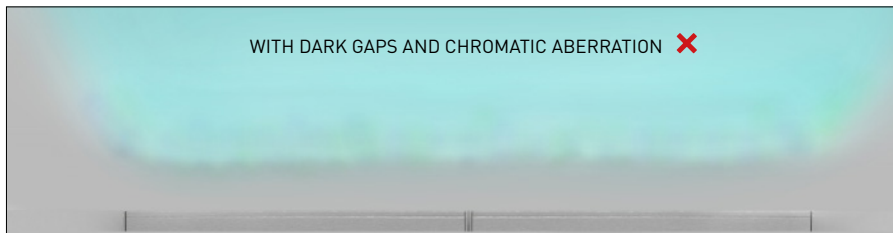


Micro textured white.
Blanco micro texturizado.

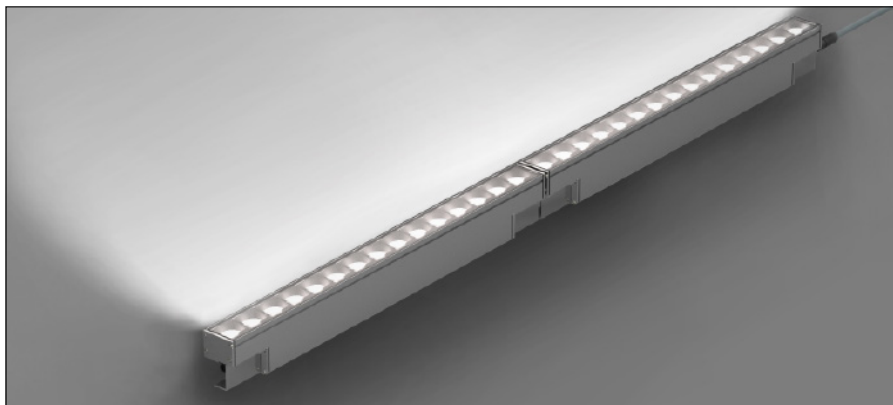


Micro textured corten.
Corten micro texturizado.

DETAILS
DETALLES



Homogeneous wall washer effect, without dark gaps.
Bañador de pared uniforme, sin zonas oscuras.



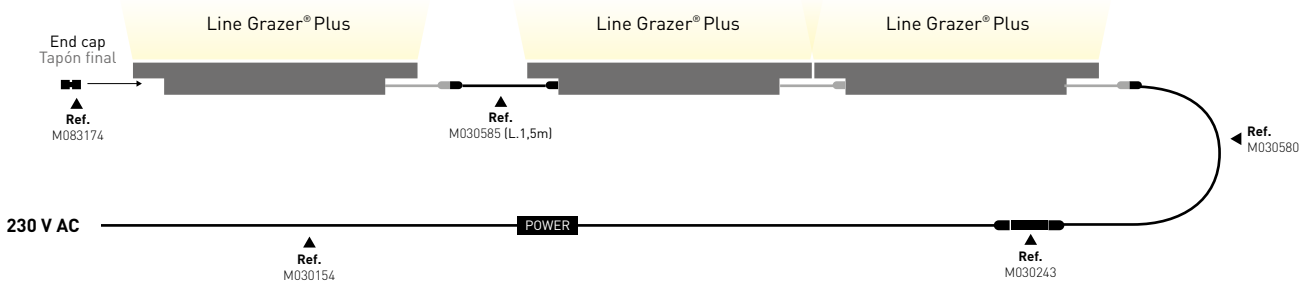
Flush wall washer. Invisible wiring between luminaires.
Bañado de luz a ras de la luminaria. Cableado oculto entre luminarias.



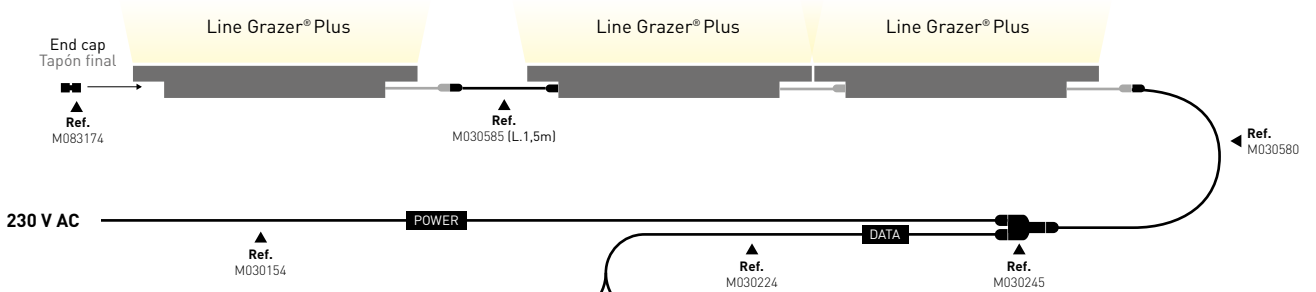
Antiglare luminaire.
Luminaria antideslumbrante.

LINE GRAZER® PLUS

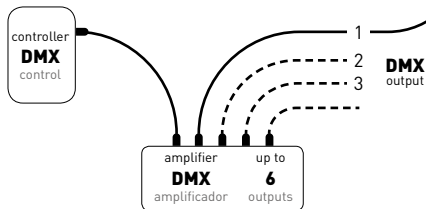
MONOCOLOR ON-OFF CONNECTIONS CONEXIONES ON-OFF MONOCOLOR



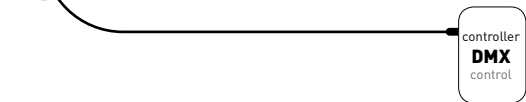
CONNECTIONS CONEXIONES



**MORE THAN 15 LINE GRAZER® PLUS WITH DMX.
PARA MÁS DE 15 LINE GRAZER® PLUS CON DMX.**



**UP TO 15 LINE GRAZER® PLUS WITH DMX.
HASTA 15 LINE GRAZER® PLUS CON DMX.**



A

**MORE THAN 15 LINE GRAZER® PLUS WITH DMX 512-A.
PARA MÁS DE 15 LINE GRAZER® PLUS CON DMX 512-A.**

Maximum 15 Line Grazer® Plus per DMX output.
Maximum 100 meters from controller to the amplifier.
Maximum 100 meters from amplifier to last Line Grazer® Plus.

Máximo 15 Line Grazer® por salida DMX.
Máximo 100 metros del controlador al amplificador.
Máximo 100 metros del amplificador al último Line Grazer® Plus.




B

**UP TO 15 LINE GRAZER® PLUS WITH DMX 512-A.
HASTA 15 LINE GRAZER® PLUS CON DMX 512-A.**

Maximum 15 Line Grazer® Plus per DMX controller.
Maximum 100 meters from controller to last Line Grazer® Plus.
Follow connection diagram type B for DALI installations.

Máximo 15 Line Grazer® Plus por controlador DMX.
Máximo 100 metros del controlador al último Line Grazer® Plus.
Para instalación DALI seguir el conexionado tipo B.

ACCESSORIES REFERENCES REFERENCIAS ACCESORIOS

1		2		3		4		5		6	
M030580	2 m power cable (5 poles-female)										1
M030585	1,5 m extension cable (5 poles)										2
M083174	120 OHM end cap (5 poles-male)										3
	Custom assembly for installers.					Para el montaje a medida por el instalador.					
M083166	IP68 connector (5 poles-male)										
M083173	End cap (male)										
M083167	IP68 connector (5 poles-female)										
M083172	End cap (female)										
M030400/C12	2 x AWG22 + 3 x 1,5 mm ² cable (m)										
	For installation.					Para instalación.					
M030243	IP68 "I" connection Ø6-13,5mm Tee Tube (3 poles)										4
M030245	IP68 "Y" connection Ø6-17mm Tee Tube (5 poles)										5
M030154	3 x 1,5 mm ² H07RN-F cable (m)										
M030224	BELDEN 3105A cable (m)										
7150203	DMX Addresser Setup										6

REFERENCES REFERENCIAS

75510 **00** /80/3K

COLOR COLOR

/80/3K	3000K
/80/4K	4000K
/80/5K	5000K
/11-4K	RGBW

LENGTH LONGITUD

1	300mm*	Type A
2	600mm	
3	900mm	
4	1200mm	Type B
6	300mm*	
7	600mm	
8	900mm	
9	1200mm	

FINISHES ACABADOS

0	Anodized Silver	Plata anodizado
2	Texturised black	Negro texturizado
3	Texturised white	Blanco texturizado
4	Texturised corten	Corten texturizado

* Line Grazer® Plus 300 only suitable for end of the line.
Line Grazer® Plus 300 sólo para final de línea.

OPTIONS OPCIONES

The standard version is delivered with:
DMX, floor-wall bracket and 39x14° beam angle.

La versión estándar se suministra con:
DMX, soporte suelo-pared y un ángulo de apertura de 39x14°.

CONTROL CONTROL

on/off (monocolor)
DMX 512-A **(Standard)**
DALI

BEAM ÁNGULO

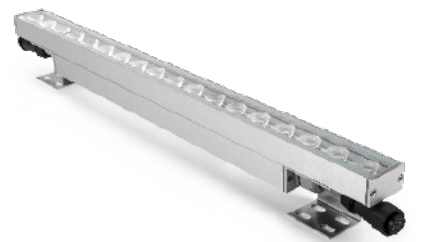
12°
33°
39x14° **(Standard)**

Portugaleta Sports Centre,
Basque Country, Spain



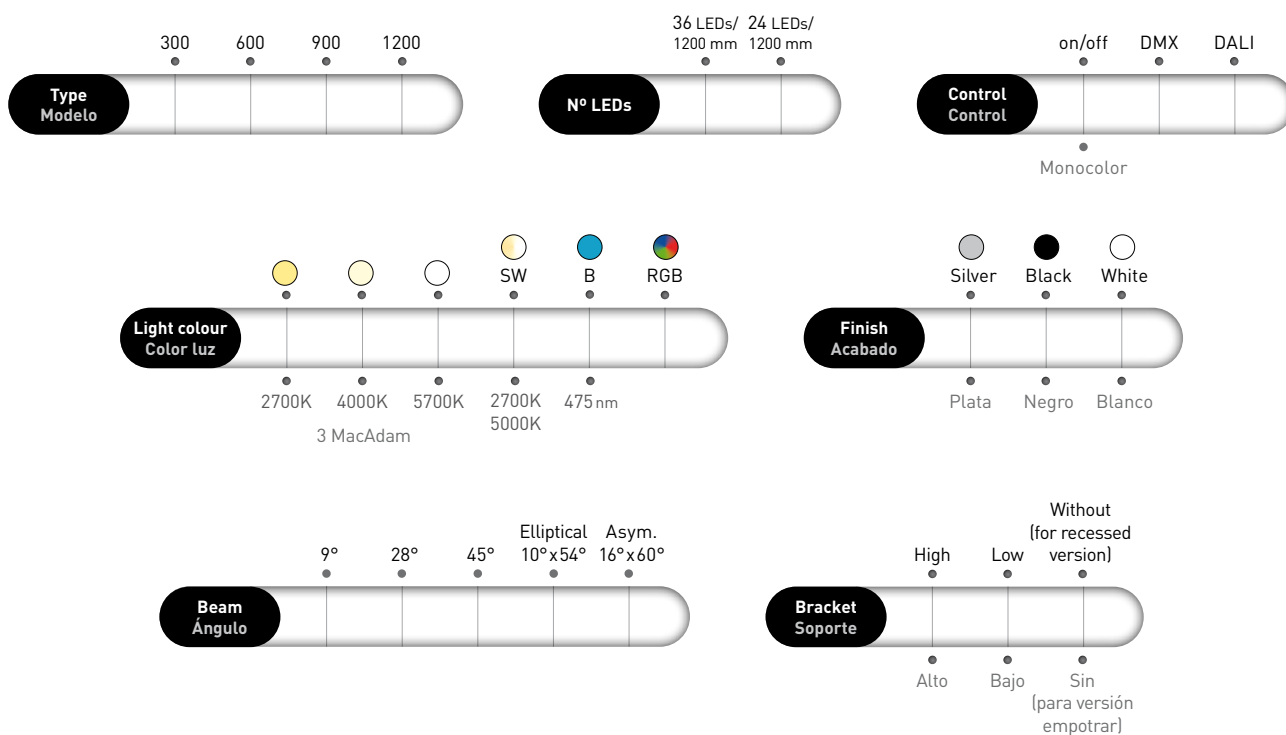


SLIM LINE GRAZER®



SLIM LINE GRAZER®

- Homogenous light for wall washing applications
- High efficiency (up to 2800 lm)
- 5 beam angles: 9°, 28°, 45°, 10°x54°, Asym.
- Surfaced or recessed mounted
- Easy serial connection
- Luz lineal uniforme para bañar paredes
- Alto rendimiento lumínico (hasta 2800 lm)
- 5 ángulos de apertura: 9°, 28°, 45°, 10°x54°, Asim.
- Montaje en superficie o empotrado
- Fácil conexión en serie



The standard version is delivered with: DMX, high bracket and 10°x 54° beam angle.
 La versión estándar se suministra con: DMX, soporte alto y ángulo de apertura de 10°x 54°.

**SPECIFICATIONS
CARACTERÍSTICAS**

IP66	IK09	CRI>80	DMX DALI	220-240V AC		AL Housing	Security GLASS Cover	Ta min -20°C -4°F Ta max +50°C +122°F	CE
------	------	--------	-------------	----------------	--	---------------	----------------------------	--	----

Slim Line Grazer® 1200						
36 LEDs (pitch 33 mm)						
Power	41 W					
Color temperatures	2700K	4000K	5700K	Smart White	Azul	RGB
Lumens output	9° - 2780 lm 28° - 2660 lm 45° - 2420 lm 10°x54° - 2600 lm Asym. - 2480 lm	9° - 3180 lm 28° - 3044 lm 45° - 2770 lm 10°x54° - 2975 lm Asym. - 2838 lm	9° - 3625 lm 28° - 3470 lm 45° - 3158 lm 10°x54° - 3392 lm Asym. - 3236 lm	9° - 3194 lm 28° - 3057 lm 45° - 2782 lm 10°x54° - 2988 lm Asym. - 2851 lm	9° - 974 lm 28° - 932 lm 45° - 848 lm 10°x54° - 911 lm Asym. - 869 lm	9° - 1908 lm 28° - 1826 lm 45° - 1662 lm 10°x54° - 1785 lm Asym. - 1703 lm
Luminaire efficiency	59 to 68 lm/W	68 to 78 lm/W	77 to 89 lm/W	68 to 78 lm/W	21 to 24 lm/W	41 to 47 lm/W
24 LEDs (pitch 50 mm)						
Power	31 W					
Color temperatures	2700K	4000K	5700K	Smart White	Azul	RGB
Lumens output	9° - 1854 lm 28° - 1774 lm 45° - 1615 lm 10°x54° - 1734 lm Asym. - 1654 lm	9° - 2121 lm 28° - 2030 lm 45° - 1847 lm 10°x54° - 1984 lm Asym. - 1893 lm	9° - 2418 lm 28° - 2314 lm 45° - 2106 lm 10°x54° - 2262 lm Asym. - 2158 lm	9° - 2131 lm 28° - 2039 lm 45° - 1856 lm 10°x54° - 1993 lm Asym. - 1902 lm	9° - 650 lm 28° - 622 lm 45° - 566 lm 10°x54° - 608 lm Asym. - 580 lm	9° - 1273 lm 28° - 1218 lm 45° - 1108 lm 10°x54° - 1191 lm Asym. - 1136 lm
Luminaire efficiency	52 to 60 lm/W	60 to 68 lm/W	68 to 78 lm/W	60 to 69 lm/W	18 to 21 lm/W	36 to 41 lm/W
Measures	1235 x 57 x 44 mm					
Weight	3,7 kg					

Other types on next page >>>
Otros modelos en página siguiente >>>



Color temperature conform to **ANSI C78.377A**.
Lumens measurement conform to **LM-79-08**.
Lumens maintenance conform to **LM-80-08**.

Temperatura de color según normativa **ANSI C78.377A**.
Medición lumens según normativa **LM-79-08**.
Mantenimiento lumens según normativa **LM-80-08**.

Amara Hotel,
Singapore

SPECIFICATIONS CARACTERÍSTICAS

Slim Line Grazer® 900						
27 LEDs [pitch 33 mm]						
Power	32 W					
Color temperatures	2700K	4000K	5700K	Smart White	Azul	RGB
Lumens output	9° - 2085 lm 28° - 1995 lm 45° - 1816 lm 10°x54° - 1951 lm Asym. - 1861 lm	9° - 2386 lm 28° - 2283 lm 45° - 2078 lm 10°x54° - 2232 lm Asym. - 2129 lm	9° - 2720 lm 28° - 2603 lm 45° - 2369 lm 10°x54° - 2544 lm Asym. 2427 lm	9° - 2397 lm 28° - 2294 lm 45° - 2088 lm 10°x54° - 2242 lm Asym. - 2139 lm	9° - 732 lm 28° - 700 lm 45° - 637 lm 10°x54° - 685 lm Asym. - 653 lm	9° - 1432 lm 28° - 1370 lm 45° - 1247 lm 10°x54° - 1339 lm Asym. - 1278 lm
Luminaire efficiency	59 to 65 lm/W	65 to 75 lm/W	74 to 85 lm/W	65 to 75 lm/W	20 to 21 lm/W	39 to 45 lm/W
18 LEDs [pitch 50 mm]						
Power	24,5 W					
Color temperatures	2700K	4000K	5700K	Smart White	Azul	RGB
Lumens output	9° - 1390 lm 28° - 1331 lm 45° - 1211 lm 10°x54° - 1301 lm Asym. - 1241 lm	9° - 1591 lm 28° - 1522 lm 45° - 1386 lm 10°x54° - 1488 lm Asym. - 1420 lm	9° - 1813 lm 28° - 1735 lm 45° - 1579 lm 10°x54° - 1696 lm Asym. 1618 lm	9° - 1598 lm 28° - 1529 lm 45° - 1392 lm 10°x54° - 1495 lm Asym. - 1426 lm	9° - 487 lm 28° - 466 lm 45° - 424 lm 10°x54° - 456 lm Asym. - 435 lm	9° - 955 lm 28° - 914 lm 45° - 831 lm 10°x54° - 893 lm Asym. - 852 lm
Luminaire efficiency	49 to 57 lm/W	57 to 65 lm/W	64 to 74 lm/W	57 to 65 lm/W	17 to 20 lm/W	34 to 39 lm/W
Measures	933 x 57 x 44 mm					
Weight	2,8 kg					

Slim Line Grazer® 600						
18 LEDs [pitch 33 mm]						
Power	23 W					
Color temperatures	2700K	4000K	5700K	Smart White	Azul	RGB
Lumens output	9° - 1390 lm 28° - 1331 lm 45° - 1211 lm 10°x54° - 1301 lm Asym. - 1241 lm	9° - 1591 lm 28° - 1522 lm 45° - 1386 lm 10°x54° - 1488 lm Asym. - 1420 lm	9° - 1813 lm 28° - 1735 lm 45° - 1579 lm 10°x54° - 1695 lm Asym. - 1618 lm	9° - 1598 lm 28° - 1529 lm 45° - 1392 lm 10°x54° - 1495 lm Asym. - 1426 lm	9° - 487 lm 28° - 466 lm 45° - 424 lm 10°x54° - 456 lm Asym. - 435 lm	9° - 955 lm 28° - 914 lm 45° - 831 lm 10°x54° - 893 lm Asym. - 852 lm
Luminaire efficiency	53 to 60 lm/W	60 to 69 lm/W	69 to 79 lm/W	61 to 70 lm/W	18 to 21 lm/W	36 to 42 lm/W
12 LEDs [pitch 50 mm]						
Power	18 W					
Color temperatures	2700K	4000K	5700K	Smart White	Azul	RGB
Lumens output	9° - 927 lm 28° - 887 lm 45° - 807 lm 10°x54° - 867 lm Asym. - 827 lm	9° - 1061 lm 28° - 1015 lm 45° - 924 lm 10°x54° - 992 lm Asym. - 947 lm	9° - 1209 lm 28° - 1157 lm 45° - 1053 lm 10°x54° - 1131 lm Asym. 1079 lm	9° - 1066 lm 28° - 1020 lm 45° - 928 lm 10°x54° - 997 lm Asym. - 951 lm	9° - 325 lm 28° - 312 lm 45° - 284 lm 10°x54° - 305 lm Asym. - 290 lm	9° - 637 lm 28° - 609 lm 45° - 554 lm 10°x54° - 595 lm Asym. - 568 lm
Luminaire efficiency	45 to 52 lm/W	51 to 59 lm/W	59 to 67 lm/W	52 to 60 lm/W	16 to 18 lm/W	31 to 35 lm/W
Measures	625 x 57 x 44 mm					
Weight	1,8 kg					

Slim Line Grazer® 300						
9 LEDs [pitch 33 mm]						
Power	14 W					
Color temperatures	2700K	4000K	5700K	Smart White	Azul	RGB
Lumens output	9° - 695 lm 28° - 665 lm 45° - 606 lm 10°x54° - 651 lm Asym. - 621 lm	9° - 796 lm 28° - 761 lm 45° - 693 lm 10°x54° - 744 lm Asym. - 710 lm	9° - 907 lm 28° - 868 lm 45° - 790 lm 10°x54° - 848 lm Asym. 809 lm	9° - 799 lm 28° - 765 lm 45° - 696 lm 10°x54° - 748 lm Asym. - 713 lm	9° - 244 lm 28° - 234 lm 45° - 213 lm 10°x54° - 229 lm Asym. - 218 lm	9° - 477 lm 28° - 457 lm 45° - 416 lm 10°x54° - 447 lm Asym. - 426 lm
Luminaire efficiency	43 to 50 lm/W	50 to 57 lm/W	56 to 65 lm/W	50 to 57 lm/W	15 to 17 lm/W	30 to 34 lm/W
6 LEDs [pitch 50 mm]						
Power	11,5 W					
Color temperatures	2700K	4000K	5700K	Smart White	Azul	RGB
Lumens output	9° - 464 lm 28° - 444 lm 45° - 404 lm 10°x54° - 434 lm Asym. - 414 lm	9° - 531 lm 28° - 508 lm 45° - 462 lm 10°x54° - 496 lm Asym. - 474 lm	9° - 605 lm 28° - 579 lm 45° - 527 lm 10°x54° - 566 lm Asym. - 540 lm	9° - 533 lm 28° - 510 lm 45° - 464 lm 10°x54° - 499 lm Asym. - 476 lm	9° - 163 lm 28° - 156 lm 45° - 142 lm 10°x54° - 153 lm Asym. - 146 lm	9° - 318 lm 28° - 305 lm 45° - 277 lm 10°x54° - 298 lm Asym. - 284 lm
Luminaire efficiency	35 to 40 lm/W	40 to 46 lm/W	46 to 53 lm/W	41 to 46 lm/W	12 to 14 lm/W	24 to 28 lm/W
Measures	323 x 57 x 44 mm					
Weight	0,8 kg					

Color temperature conform to **ANSI C78.377A**.
Lumens measurement conform to **LM-79-08**.
Lumens maintenance conform to **LM-80-08**.

Temperatura de color según normativa **ANSI C78.377A**.
Medición lumens según normativa **LM-79-08**.
Mantenimiento lumens según normativa **LM-80-08**.

LIGHT DISTRIBUTION CURVES
FOTOMETRÍAS

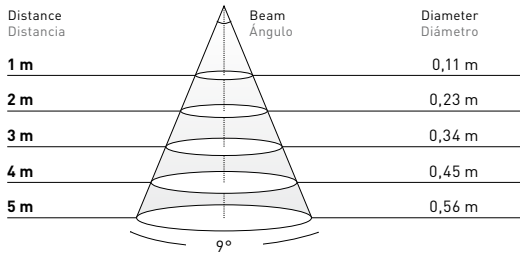
Slim Line Grazer® 1200

36 LEDs **9°**

2700K

4000K

5700K



55.718 lux

63.734 lux

72.653 lux

13.929 lux

15.934 lux

18.163 lux

6.191 lux

7.082 lux

8.073 lux

3.482 lux

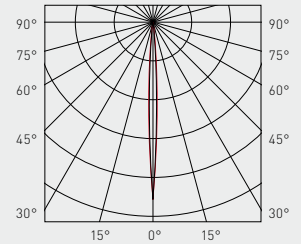
3.983 lux

4.541 lux

2.229 lux

2.549 lux

2.906 lux



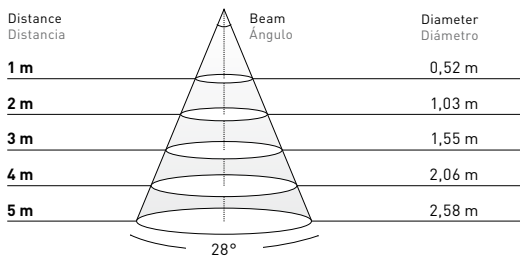
Slim Line Grazer® 1200

36 LEDs **28°**

2700K

4000K

5700K



6.491 lux

7.428 lux

8.468 lux

1.623 lux

1.857 lux

2.117 lux

721 lux

825 lux

941 lux

406 lux

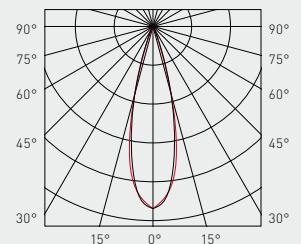
464 lux

529 lux

260 lux

297 lux

339 lux



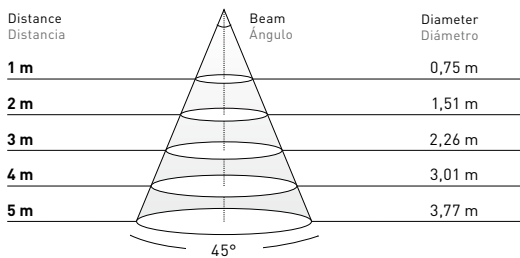
Slim Line Grazer® 1200

36 LEDs **45°**

2700K

4000K

5700K



2.275 lux

2.604 lux

2.968 lux

569 lux

651 lux

742 lux

253 lux

289 lux

330 lux

142 lux

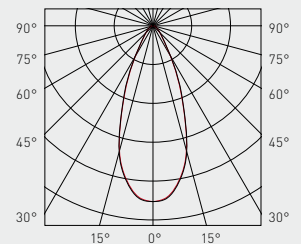
163 lux

186 lux

91 lux

104 lux

119 lux



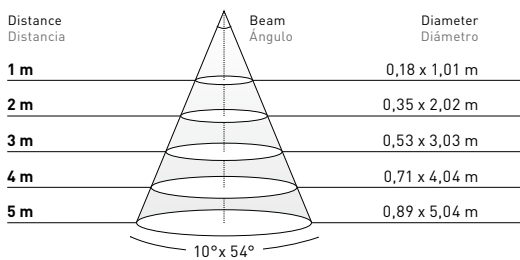
Slim Line Grazer® 1200

36 LEDs **10°x54°**

2700K

4000K

5000K



7.071 lux

8.091 lux

9.225 lux

1.768 lux

2.023 lux

2.306 lux

786 lux

899 lux

1.025 lux

442 lux

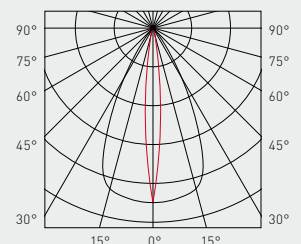
506 lux

577 lux

283 lux

324 lux

369 lux



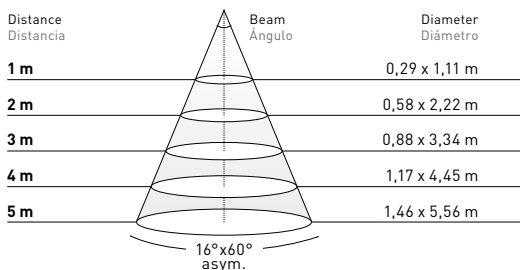
Slim Line Grazer® 1200

36 LEDs **Asym.**

2700K

4000K

5700K



3.446 lux

3.944 lux

4.497 lux

862 lux

986 lux

1.124 lux

383 lux

438 lux

500 lux

215 lux

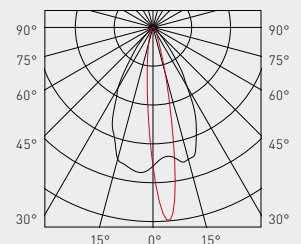
246 lux

281 lux

138 lux

158 lux

180 lux



Data calculated with Slim Line Grazer® (36 LEDs / 1,2m).
Lumen measurement complies with UNE-EN 13032 / IES LM-79-08 testing procedures.
Light distribution curves are available at www.grupo-mci.com.
Due to continuous improvements and innovations, specifications may change without notice.

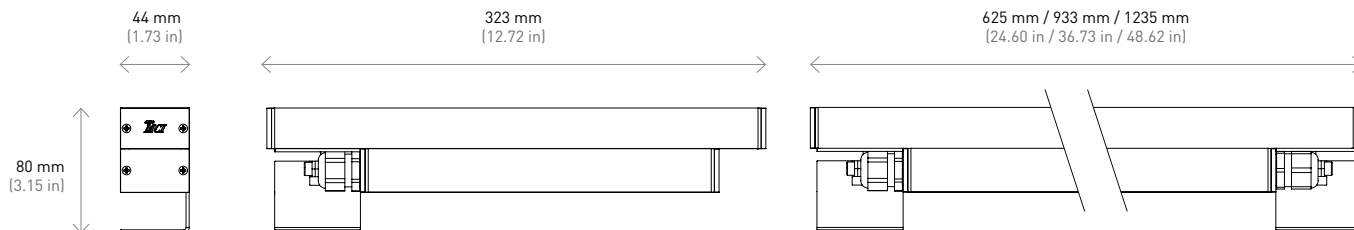
Datos calculados con Slim Line Grazer® (36 LEDs / 1,2m).
Ensayado bajo las especificaciones de la norma UNE-EN 13032 / IES LM-79-08.
Fotometrías disponibles en www.grupo-mci.com.
Debido a las continuas mejoras e innovaciones, las especificaciones pueden cambiar sin previo aviso.



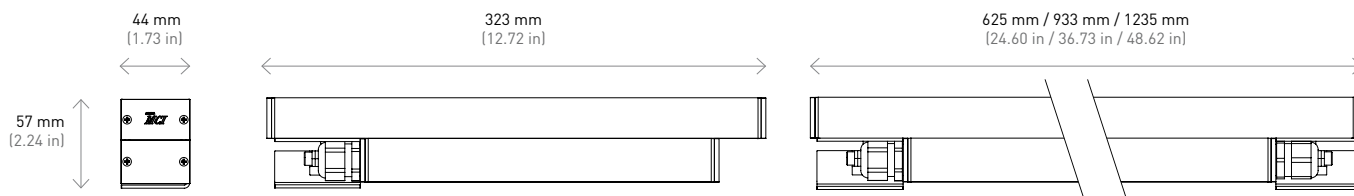
SLIM LINE GRAZER®

MEASURES MEDIDAS

Slim Line Grazer®
High bracket
Soporte alto

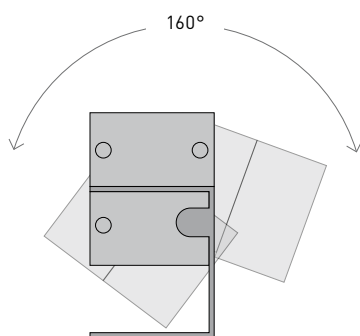


Slim Line Grazer®
Low bracket
Soporte bajo

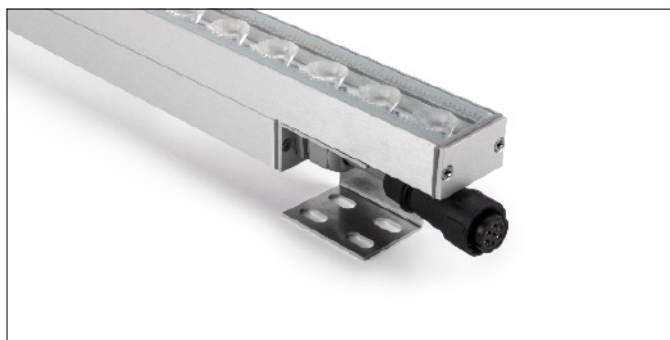
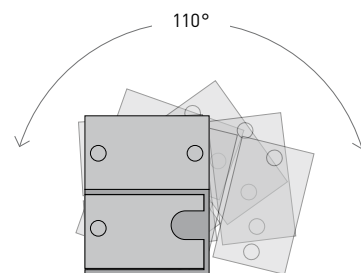


BRACKETS SOPORTES

High bracket
Soporte alto



Low bracket
Soporte bajo



FINISHES
ACABADOS

In order to satisfy all our customers, three different versions are available: anodized silver, black and white.
Con el fin de satisfacer las necesidades de nuestros clientes, está disponible en tres acabados: anodizado plata, negro y blanco.



Anodized silver.
Anodizado plata.



Black.
Negro.

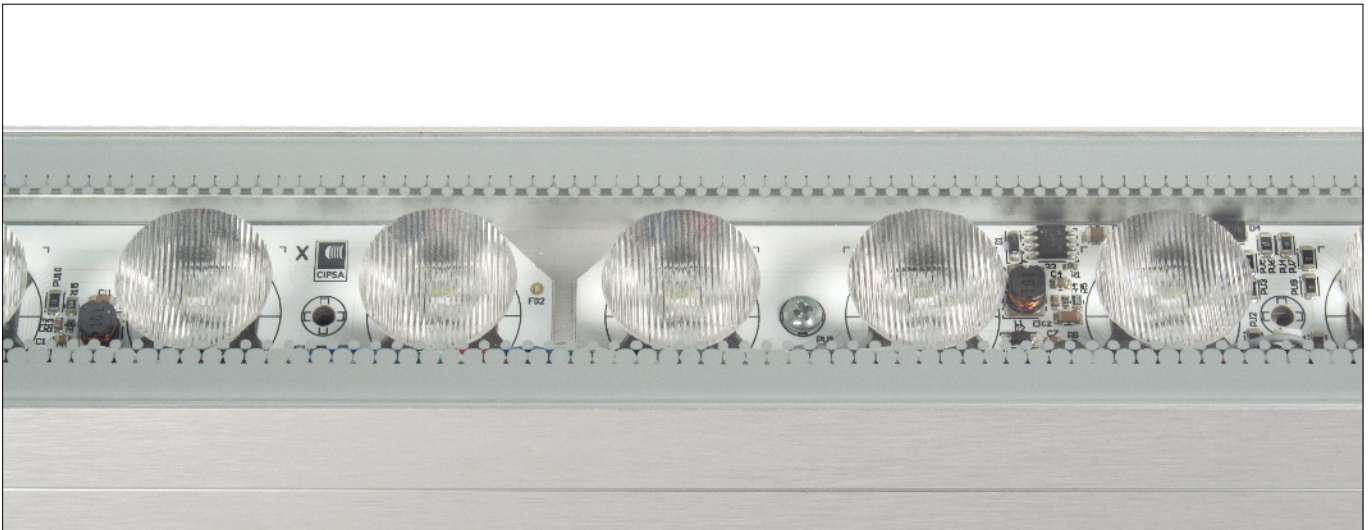
(RAL 9011)



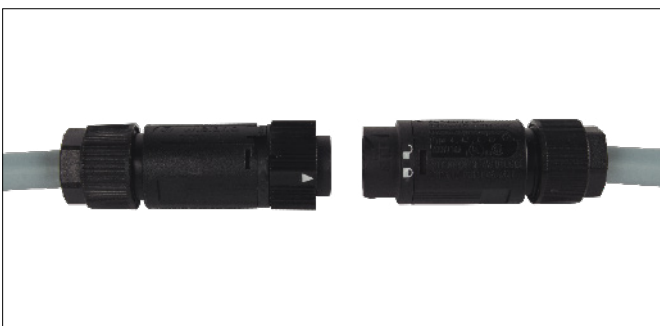
White.
Blanco.

(RAL 9003)

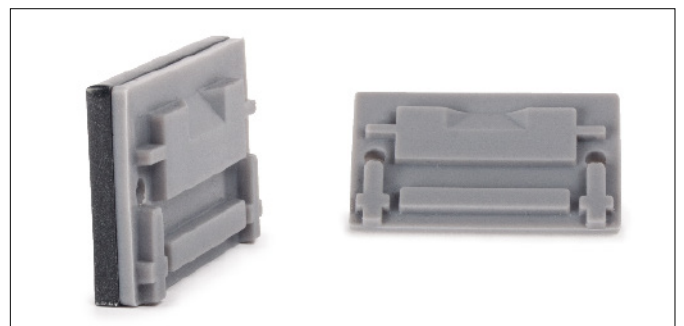
DETAILS
DETALLES



Monolithic tempered glass ensures high security protection, stability and hardness.
Cristal de seguridad monolítico templado que garantiza una alta protección, estabilidad y dureza.

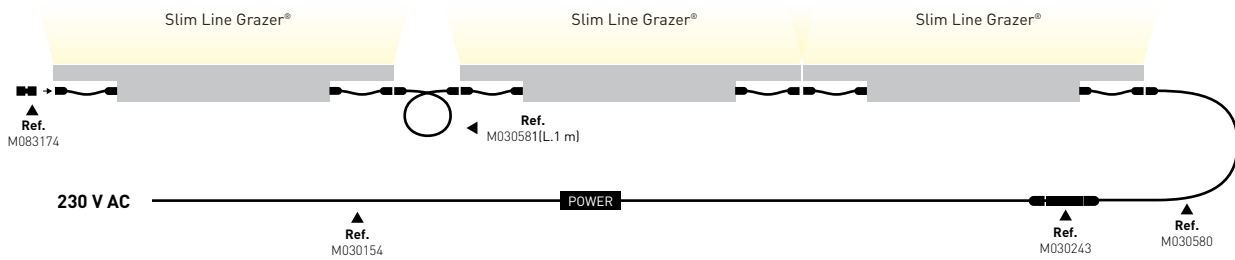


IP68 connector.
Conector IP68.

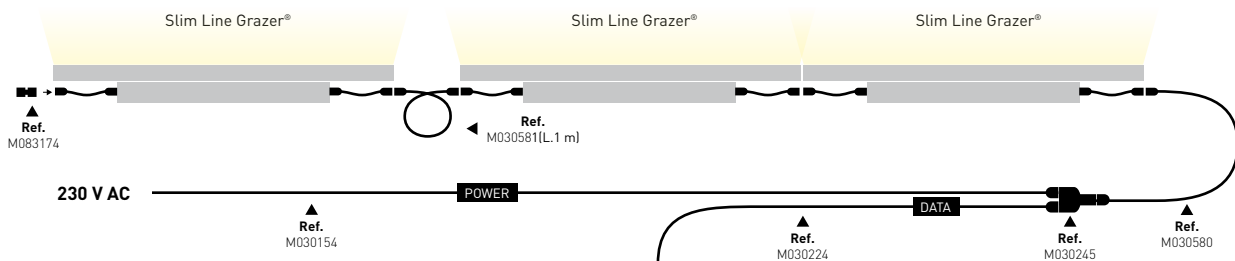


Molded silicone gasket guarantees IP66.
Junta de silicona moldeada que garantiza un IP66.

ON-OFF 230 V AC CONNECTIONS CONEXIONES 230 V AC ON-OFF



230 V AC CONNECTIONS CONEXIONES 230 V AC



**MORE THAN 15 SLIM LINE GRAZER® WITH DMX.
PARA MÁS DE 15 SLIM LINE GRAZER® CON DMX.**

A

**UP TO 15 SLIM LINE GRAZER® WITH DMX.
HASTA 15 SLIM LINE GRAZER® CON DMX.**

B



A

**MORE THAN 15 SLIM LINE GRAZER® WITH DMX 512.
PARA MÁS DE 15 SLIM LINE GRAZER® CON DMX 512.**

Maximum 15 Slim Line Grazer® per DMX output.
Maximum 100 m from controller to the amplifier.
Maximum 100 m from amplifier to last Slim Line Grazer®.

Máximo 15 Slim Line Grazer® por salida DMX.
Máximo 100 m del controlador al amplificador.
Máximo 100 m del amplificador al último Slim Line Grazer®.

B

**UP TO 15 SLIM LINE GRAZER® WITH DMX 512.
HASTA 15 SLIM LINE GRAZER® CON DMX 512.**

Maximum 15 Slim Line Grazer® per DMX controller.
Maximum 100 m from controller to last Slim Line Grazer®.
Follow connection diagram type B for DALI installations.

Máximo 15 Slim Line Grazer® por controlador DMX.
Máximo 100 m del controlador al último Slim Line Grazer®.
Para instalación DALI seguir el conexionado tipo B.



Lumini Shopping Center,
Croatia

REFERENCES REFERENCIAS

752 1 1 0 1 /80/2K7

COLOUR COLOR

/80/2K7	2700K
/80/4K	4000K
/70/5K7	5700K
/2K7-5K	Smart white (2700K + 5000K)
/09	Blue Azul
/11	RGB

LENGTH LONGITUD

1	300 mm*
2	600 mm
3	900 mm
4	1200 mm

FINISHES ACABADOS

0	Silver Plata
2	Black Negro
3	White Blanco

TYPE MODELO

1	36 LEDs / 1,2 m
2	24 LEDs / 1,2 m

VOLTAGE VOLTAJE

1	230 V AC
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* Slim Line Grazer® 300 only suitable for end of the line.
Slim Line Grazer® 300 sólo para final de línea.

OPTIONS OPCIONES

The standard version is delivered with:
DMX control, high bracket and 10°x 54° beam angle.

La versión estándar se suministra con:
control DMX, soporte alto y ángulo de apertura 10°x 54°.

CONTROL CONTROL

on/off**
DMX 512-A **(Standard)**
DALI

BRACKET SOPORTE

{160°} High Alto **(Standard)**
{110°} Low Bajo
Without Sin (for recessed version)

BEAM ÁNGULO

9°
10°x 54° **(Standard)**
28°
45°
Asymetric Asimétrica

** Only available in monocolour version.
Sólo disponible en versión monocolor.

ACCESSORIES REFERENCES REFERENCIAS ACCESORIOS

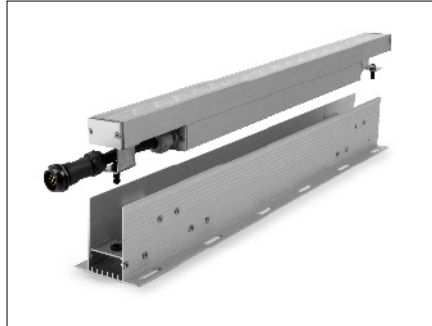
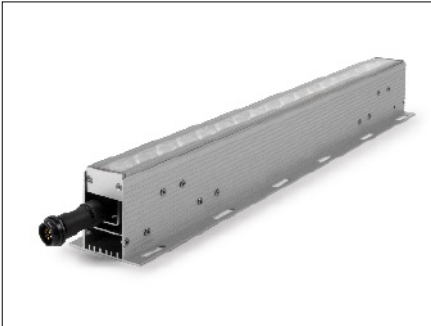


M030580	2 m power cable (5 poles-female)	Cable alimentación 2 m (5 polos-hembra)	1
M030581	1 m extension cable (5 poles)	Cable extensión 1 m (5 polos)	2
M083174	120 OHM end cap (5 poles-male)	Tapón final 120 OHM (5 polos-macho)	

	Custom assembly for installers.	Para el montaje a medida por el instalador.	
M083166	IP68 connector (5 poles-male)	Conector aereo IP68 (5 polos-macho)	
M083173	End cap (male)	Tapón final (macho)	
M083167	IP68 connector (5 poles-female)	Conector aereo IP68 (5 polos-hembra)	3
M083172	End cap (female)	Tapón final (hembra)	
M030400/C12	2 x AWG22 + 3 x 1,5 mm² cable (m)	Cable 2 x AWG22 + 3 x 1,5 mm² (m)	

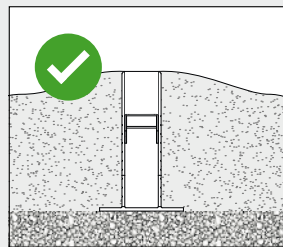
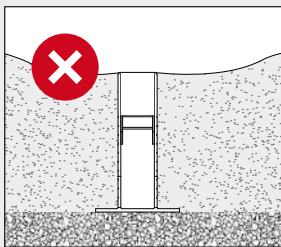
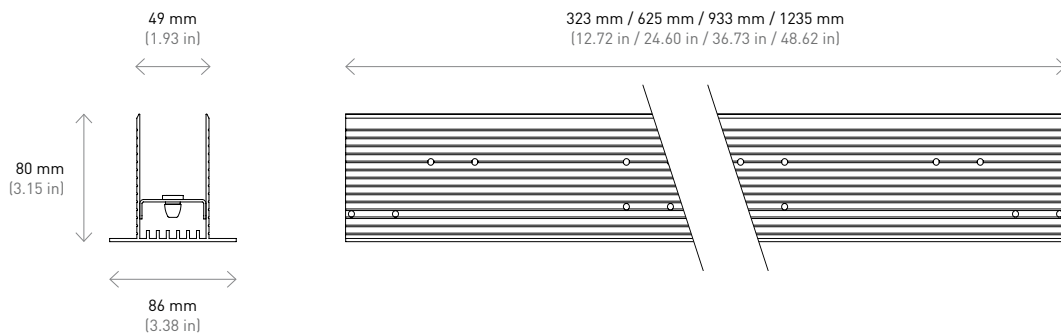
	For installation.	Para instalación.	
M030243	IP68 "I" connection Ø6-13,5mm Tee Tube (3 poles)	Conexión "I" Ø6-13,5mm IP68 Tee Tube (3 polos)	4
M030245	IP68 "Y" connection Ø6-17mm Tee Tube (5 poles)	Conexión "Y" Ø6-17mm IP68 Tee Tube (5 polos)	5
M030154	3 x 1,5 mm² H07RN-F cable (m)	Cable 3 x 1,5 mm² H07RN-F (m)	
M030224	BELDEN 3105A cable (m)	Cable BELDEN 3105A (m)	
7150203	DMX Address Setup	DMX Address Setup	6

RECESSED BOX
CAJETÍN DE EMPOTRAR



Easy Plug&Play system for a fast installation in the recessed box.
Unión rápida que permite montar con facilidad la luminaria en la caja de empotrar.

Polyethylene foam protects the recessed box of concrete dilatations.
La junta de polietileno absorbe las dilataciones del hormigón.

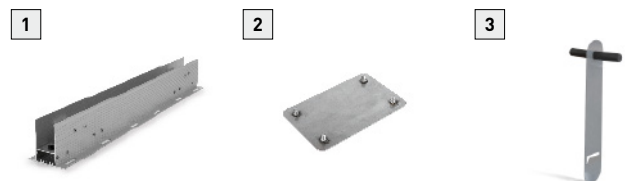


Temporarily immersion protection

A crushed stone surrounding the recessed box is recommended for a correct drainage. Avoid its placing in ground depression. **Incorrect drainage, may cause the loss of warranty.**

Para un drenaje correcto se recomienda una capa de grava alrededor de la caja de empotramiento. Evite su colocación en depresiones del terreno. **Un drenaje incorrecto puede significar la pérdida de garantía.**

REFERENCES
REFERENCIAS



7521074/C12	Recessed box 1200 mm	Cajetín de empotrar 1200 mm	1
7521073/C12	Recessed box 900 mm	Cajetín de empotrar 900 mm	
7521072/C12	Recessed box 600 mm	Cajetín de empotrar 600 mm	
7521071/C12	Recessed box 300 mm	Cajetín de empotrar 300 mm	
7521095	Fixation kit	Kit unión	2
7101196	Centric extraction tool	Útil extracción en línea	3

Mount Elizabeth Novena Hospital,
Singapore





LINE GRAZER®

Design by REMM



- Homogenous light for wall washing applications
- High efficiency up to 4800 lm
- 5 beam angles: 9°, 28°, 45°, 10°x 54°, Asym.
- Surfaced or recessed mounted
- Easy serial connection
- Thermal test certificate
- Luz lineal uniforme para bañar paredes
- Alto rendimiento lumínico hasta 4800 lm
- 5 ángulos de apertura: 9°, 28°, 45°, 10°x 54°, Asim.
- Montaje en superficie o empotrado
- Fácil conexión en serie
- Test térmico certificado



<p>Type Modelo</p> <p>300 600 900 1200</p>	<p>N° LEDs</p> <p>48 LEDs/ 1200 mm 36 LEDs/ 1200 mm</p>	<p>Control Control</p> <p>on/off DMX DALI</p> <p>Monocolor</p>
<p>Light colour Color luz</p> <p>WW NW CW SW B RGB RGBW*</p> <p>2800K (± 100 K) 4000K (± 125 K) 6000K (± 400 K) 2800K 4000K 6000K 475 nm White 4000K</p>	<p>Finish Acabado</p> <p>Silver Black White</p> <p>Plata Negro Blanco</p>	
<p>Beam Ángulo</p> <p>9° 28° 45° Elliptical 10°x54° Asym. 16°x60°</p>	<p>Bracket Soporte</p> <p>(95°) High (25°) Low (110°) Side Without (for recessed version)</p> <p>Alto Bajo Lateral Sin (para versión empotrar)</p>	

* Only available in 48 LEDs/1200 mm version.
Sólo disponible en la versión 48 LEDs/1200 mm.

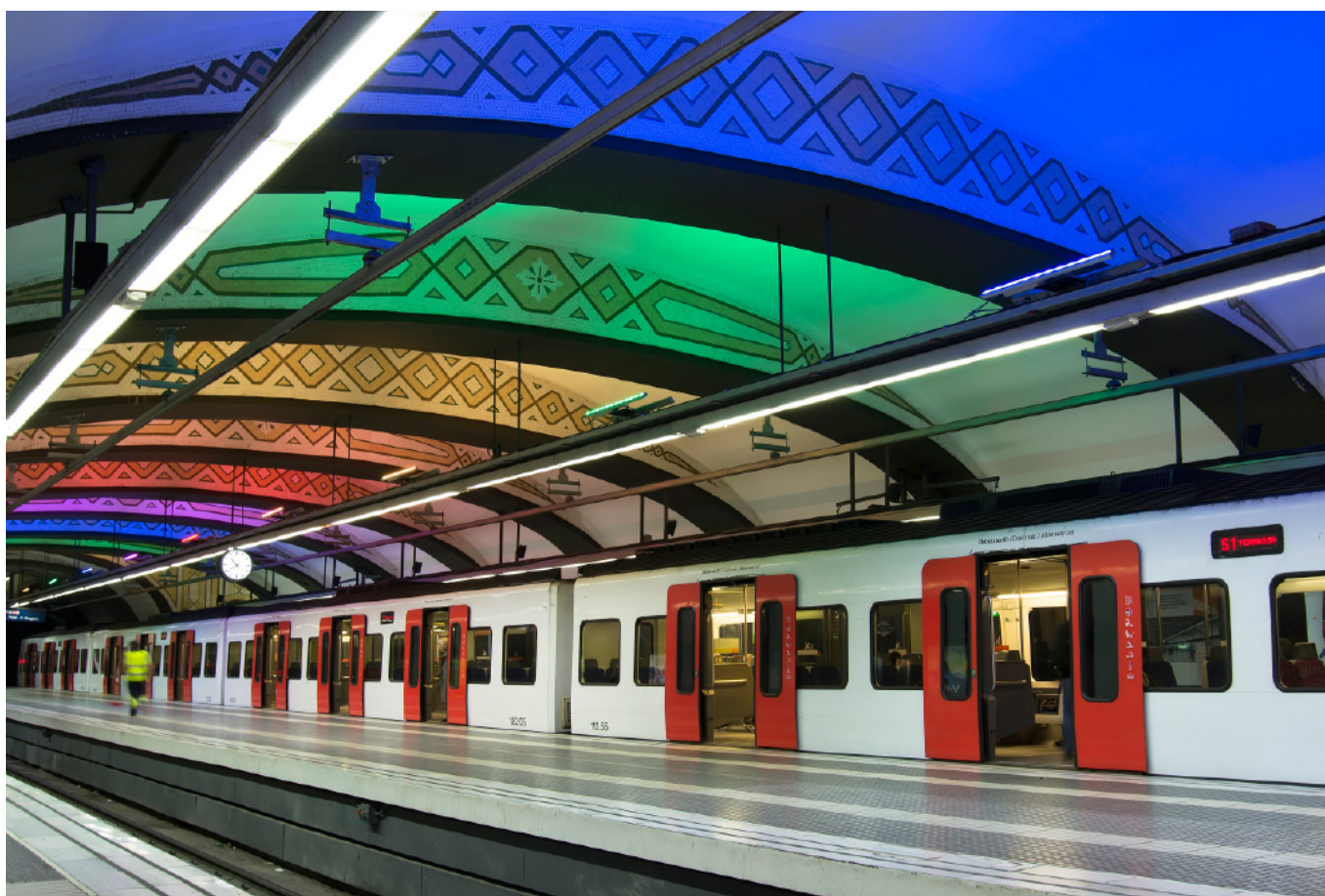
The standard version is delivered with: DMX, side bracket and 10°x 54° beam angle.
La versión estándar se suministra con: DMX, soporte lateral y ángulo de apertura de 10°x 54°.

SPECIFICATIONS
CARACTERÍSTICAS

IP66	IK08	CRI>80	DMX DALI	100-277V AC		AL Housing	Security GLASS Cover	Ta min -20°C -4°F Ta max +50°C +122°F	CE
------	------	--------	-------------	----------------	--	---------------	----------------------------	--	----

Line Grazer® 1200							
Measures	1235 x 111,6 x 72 mm						
Weight	4,5 kg						
48 LEDs (pitch 25 mm)							
Power	55 W						
Color temperatures	2800K	4000K	6000K	Smart White	Blue	RGB	RGBW
Lumens output	9° - 3706 lm 28° - 3547 lm 45° - 3228 lm 10°x 54° - 3467 lm Asym. - 3308 lm	9° - 4240 lm 28° - 4058 lm 45° - 3693 lm 10°x 54° - 3967 lm Asym. - 3785 lm	9° - 4834 lm 28° - 4626 lm 45° - 4210 lm 10°x 54° - 4522 lm Asym. - 4314 lm	9° - 4260 lm 28° - 4077 lm 45° - 3710 lm 10°x 54° - 3985 lm Asym. - 3802 lm	9° - 1298 lm 28° - 1242 lm 45° - 1130 lm 10°x 54° - 1214 lm Asym. - 1158 lm	9° - 2544 lm 28° - 2435 lm 45° - 2216 lm 10°x 54° - 2380 lm Asym. - 2270 lm	9° - 3117 lm 28° - 2983 lm 45° - 2714 lm 10°x 54° - 2916 lm Asym. - 2782 lm
Luminaire efficiency	59 to 67 lm/W	67 to 77 lm/W	76 to 88 lm/W	68 to 78 lm/W	20 to 24 lm/W	40 to 46 lm/W	49 to 57 lm/W
36 LEDs (pitch 33 mm)							
Power	41 W						
Color temperatures	2800K	4000K	6000K	Smart White	Blue	RGB	RGBW
Lumens output	9° - 2780 lm 28° - 2660 lm 45° - 2420 lm 10°x 54° - 2600 lm Asym. - 2480 lm	9° - 3180 lm 28° - 3044 lm 45° - 2770 lm 10°x 54° - 2975 lm Asym. - 2838 lm	9° - 3625 lm 28° - 3470 lm 45° - 3158 lm 10°x 54° - 3392 lm Asym. - 3236 lm	9° - 3194 lm 28° - 3057 lm 45° - 2782 lm 10°x 54° - 2988 lm Asym. - 2851 lm	9° - 974 lm 28° - 932 lm 45° - 848 lm 10°x 54° - 911 lm Asym. - 869 lm	9° - 1908 lm 28° - 1826 lm 45° - 1662 lm 10°x 54° - 1785 lm Asym. - 1703 lm	Not available No disponible
Luminaire efficiency	59 to 68 lm/W	68 to 78 lm/W	77 to 89 lm/W	68 to 78 lm/W	21 to 24 lm/W	41 to 47 lm/W	

Other types on the next page >>>
Otros modelos en página siguiente >>>



Generalitat of Catalunya Railways,
Barcelona, Spain

Color temperature conform to ANSI C78.377A.
Lumens measurement conform to LM-79-08.
Lumens maintenance conform to LM-80-08.

Temperatura de color según normativa ANSI C78.377A.
Medición lumens según normativa LM-79-08.
Mantenimiento lumens según normativa LM-80-08.

SPECIFICATIONS CARACTERÍSTICAS

Line Grazer® 900							
Measures	933 x 111,6 x 72 mm						
Weight	3,5 kg						
36 LEDs [pitch 25 mm]							
Power	43 W						
Color temperatures	2800K	4000K	6000K	Smart White	Blue	RGB	RGBW
Lumens output	9° - 2780 lm 28° - 2660 lm 45° - 2420 lm 10°x 54° - 2600 lm Asym. - 2480 lm	9° - 3180 lm 28° - 3044 lm 45° - 2770 lm 10°x 54° - 2975 lm Asym. - 2838 lm	9° - 3625 lm 28° - 3470 lm 45° - 3158 lm 10°x 54° - 3392 lm Asym. - 3236 lm	9° - 3194 lm 28° - 3057 lm 45° - 2782 lm 10°x 54° - 2988 lm Asym. - 2851 lm	9° - 974 lm 28° - 932 lm 45° - 848 lm 10°x 54° - 911 lm Asym. - 869 lm	9° - 1908 lm 28° - 1826 lm 45° - 1662 lm 10°x 54° - 1785 lm Asym. - 1703 lm	9° - 2337 lm 28° - 2237 lm 45° - 2035 lm 10°x 54° - 2187 lm Asym. - 2086 lm
Luminaire efficiency	56 to 65 lm/W	64 to 74 lm/W	73 to 84 lm/W	65 to 74 lm/W	20 to 23 lm/W	39 to 44 lm/W	48 to 54 lm/W
27 LEDs [pitch 33 mm]							
Power	32 W						
Color temperatures	2800K	4000K	6000K	Smart White	Blue	RGB	RGBW
Lumens output	9° - 2085 lm 28° - 1995 lm 45° - 1816 lm 10°x 54° - 1951 lm Asym. - 1861 lm	9° - 2386 lm 28° - 2283 lm 45° - 2078 lm 10°x 54° - 2232 lm Asym. - 2129 lm	9° - 2720 lm 28° - 2603 lm 45° - 2369 lm 10°x 54° - 2544 lm Asym. - 2427 lm	9° - 2397 lm 28° - 2294 lm 45° - 2088 lm 10°x 54° - 2242 lm Asym. - 2139 lm	9° - 732 lm 28° - 700 lm 45° - 637 lm 10°x 54° - 685 lm Asym. - 653 lm	9° - 1432 lm 28° - 1370 lm 45° - 1247 lm 10°x 54° - 1339 lm Asym. - 1278 lm	Not available No disponible
Luminaire efficiency	59 to 65 lm/W	65 to 75 lm/W	74 to 85 lm/W	65 to 75 lm/W	20 to 21 lm/W	39 to 45 lm/W	
Line Grazer® 600							
Measures	625 x 111,6 x 72 mm						
Weight	2,0 kg						
24 LEDs [pitch 25 mm]							
Power	30 W						
Color temperatures	2800K	4000K	6000K	Smart White	Blue	RGB	RGBW
Lumens output	9° - 1852 lm 28° - 1773 lm 45° - 1613 lm 10°x 54° - 1735 lm Asym. - 1655 lm	9° - 2120 lm 28° - 2029 lm 45° - 1846 lm 10°x 54° - 1983 lm Asym. - 1892 lm	9° - 2417 lm 28° - 2313 lm 45° - 2105 lm 10°x 54° - 2261 lm Asym. - 2157 lm	9° - 2130 lm 28° - 2038 lm 45° - 1855 lm 10°x 54° - 1992 lm Asym. - 1901 lm	9° - 650 lm 28° - 622 lm 45° - 566 lm 10°x 54° - 608 lm Asym. - 580 lm	9° - 1272 lm 28° - 1217 lm 45° - 1108 lm 10°x 54° - 1190 lm Asym. - 1135 lm	9° - 1558 lm 28° - 1491 lm 45° - 1357 lm 10°x 54° - 1458 lm Asym. - 1390 lm
Luminaire efficiency	54 to 62 lm/W	62 to 71 lm/W	70 to 81 lm/W	62 to 72 lm/W	19 to 22 lm/W	37 to 42 lm/W	45 to 52 lm/W
18 LEDs [pitch 33 mm]							
Power	23 W						
Color temperatures	2800K	4000K	6000K	Smart White	Blue	RGB	RGBW
Lumens output	9° - 1390 lm 28° - 1331 lm 45° - 1211 lm 10°x 54° - 1301 lm Asym. - 1241 lm	9° - 1591 lm 28° - 1522 lm 45° - 1386 lm 10°x 54° - 1488 lm Asym. - 1420 lm	9° - 1813 lm 28° - 1735 lm 45° - 1579 lm 10°x 54° - 1695 lm Asym. - 1618 lm	9° - 1598 lm 28° - 1529 lm 45° - 1392 lm 10°x 54° - 1495 lm Asym. - 1426 lm	9° - 487 lm 28° - 466 lm 45° - 424 lm 10°x 54° - 456 lm Asym. - 435 lm	9° - 955 lm 28° - 914 lm 45° - 831 lm 10°x 54° - 893 lm Asym. - 852 lm	Not available No disponible
Luminaire efficiency	53 to 60 lm/W	60 to 69 lm/W	69 to 79 lm/W	61 to 70 lm/W	18 to 21 lm/W	36 to 42 lm/W	
Line Grazer® 300							
Measures	323 x 111,6 x 72 mm						
Weight	1,2 kg						
12 LEDs [pitch 25 mm]							
Power	18 W						
Color temperatures	2800K	4000K	6000K	Smart White	Blue	RGB	RGBW
Lumens output	9° - 927 lm 28° - 887 lm 45° - 810 lm 10°x 54° - 870 lm Asym. - 825 lm	9° - 1060 lm 28° - 1015 lm 45° - 923 lm 10°x 54° - 992 lm Asym. - 946 lm	9° - 1208 lm 28° - 1156 lm 45° - 1052 lm 10°x 54° - 1130 lm Asym. - 1078 lm	9° - 1065 lm 28° - 1115 lm 45° - 927 lm 10°x 54° - 995 lm Asym. - 950 lm	9° - 325 lm 28° - 312 lm 45° - 284 lm 10°x 54° - 305 lm Asym. - 290 lm	9° - 638 lm 28° - 610 lm 45° - 555 lm 10°x 54° - 596 lm Asym. - 569 lm	9° - 779 lm 28° - 746 lm 45° - 675 lm 10°x 54° - 730 lm Asym. - 695 lm
Luminaire efficiency	46 to 52 lm/W	51 to 59 lm/W	58 to 68 lm/W	52 to 59 lm/W	16 to 18 lm/W	31 to 35 lm/W	38 to 43 lm/W
9 LEDs [pitch 33 mm]							
Power	14 W						
Color temperatures	2800K	4000K	6000K	Smart White	Blue	RGB	RGBW
Lumens output	9° - 695 lm 28° - 665 lm 45° - 606 lm 10°x 54° - 651 lm Asym. - 621 lm	9° - 796 lm 28° - 761 lm 45° - 693 lm 10°x 54° - 744 lm Asym. - 710 lm	9° - 907 lm 28° - 868 lm 45° - 790 lm 10°x 54° - 848 lm Asym. - 809 lm	9° - 799 lm 28° - 765 lm 45° - 696 lm 10°x 54° - 748 lm Asym. - 713 lm	9° - 244 lm 28° - 234 lm 45° - 213 lm 10°x 54° - 229 lm Asym. - 218 lm	9° - 477 lm 28° - 457 lm 45° - 416 lm 10°x 54° - 447 lm Asym. - 426 lm	Not available No disponible
Luminaire efficiency	43 to 50 lm/W	50 to 57 lm/W	56 to 65 lm/W	50 to 57 lm/W	15 to 17 lm/W	30 to 34 lm/W	

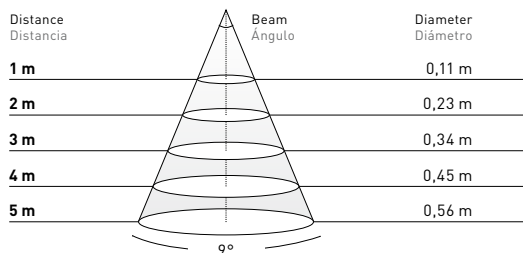
Color temperature conform to ANSI C78.377A.
Lumens measurement conform to LM-79-08.
Lumens maintenance conform to LM-80-08.

Temperatura de color según normativa ANSI C78.377A.
Medición lumens según normativa LM-79-08.
Mantenimiento lumens según normativa LM-80-08.

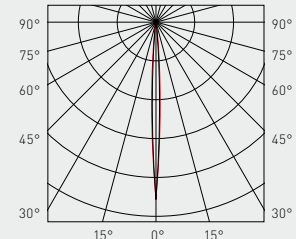
**LIGHT DISTRIBUTION CURVES
FOTOMETRÍAS**

Line Grazer® 1200

48 LEDs 9°

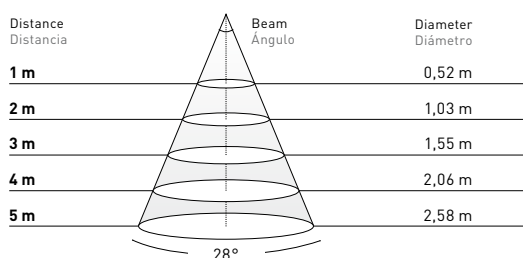


2800K	4000K	6000K
WARM WHITE BLANCO CÁLIDO	NEUTRAL WHITE BLANCO NEUTRO	COOL WHITE BLANCO FRÍO
74.277 lux	84.979 lux	96.884 lux
18.569 lux	21.245 lux	24.221 lux
8.253 lux	9.442 lux	10.765 lux
4.642 lux	5.311 lux	6.055 lux
2.971 lux	3.399 lux	3.875 lux

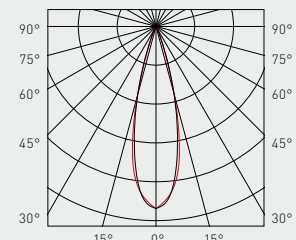


Line Grazer® 1200

48 LEDs 28°

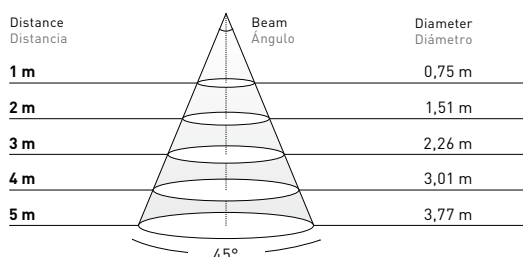


2800K	4000K	6000K
WARM WHITE BLANCO CÁLIDO	NEUTRAL WHITE BLANCO NEUTRO	COOL WHITE BLANCO FRÍO
8.656 lux	9.902 lux	11.289 lux
2.164 lux	2.476 lux	2.822 lux
962 lux	1.100 lux	1.254 lux
541 lux	619 lux	706 lux
346 lux	396 lux	452 lux

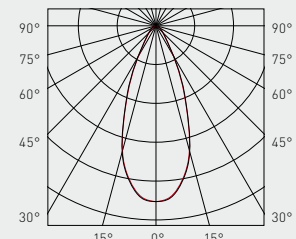


Line Grazer® 1200

48 LEDs 45°

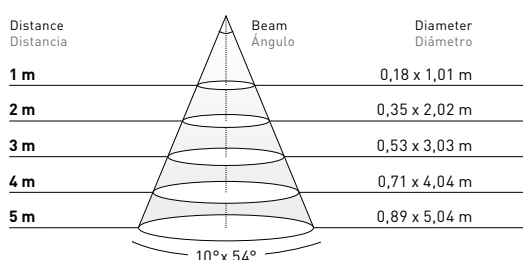


2800K	4000K	6000K
WARM WHITE BLANCO CÁLIDO	NEUTRAL WHITE BLANCO NEUTRO	COOL WHITE BLANCO FRÍO
3.034 lux	3.471 lux	3.957 lux
759 lux	868 lux	989 lux
337 lux	386 lux	440 lux
190 lux	217 lux	247 lux
121 lux	139 lux	158 lux

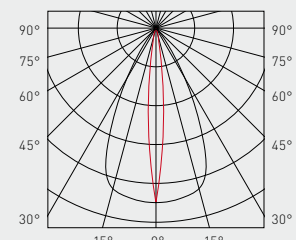


Line Grazer® 1200

48 LEDs 10°x54°

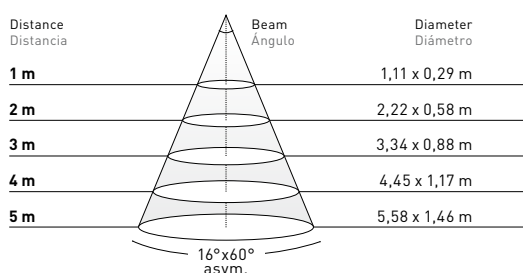


2800K	4000K	6000K
WARM WHITE BLANCO CÁLIDO	NEUTRAL WHITE BLANCO NEUTRO	COOL WHITE BLANCO FRÍO
9.429 lux	10.789 lux	12.298 lux
2.357 lux	2.697 lux	3.074 lux
1.048 lux	1.199 lux	1.366 lux
589 lux	674 lux	769 lux
377 lux	432 lux	492 lux

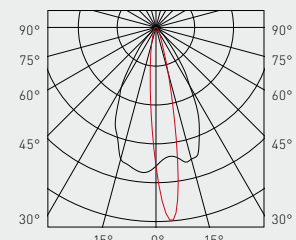


Line Grazer® 1200

48 LEDs Asym.



2800K	4000K	6000K
WARM WHITE BLANCO CÁLIDO	NEUTRAL WHITE BLANCO NEUTRO	COOL WHITE BLANCO FRÍO
4.597 lux	5.260 lux	5.995 lux
1.149 lux	1.315 lux	1.499 lux
511 lux	584 lux	666 lux
287 lux	329 lux	375 lux
184 lux	210 lux	240 lux



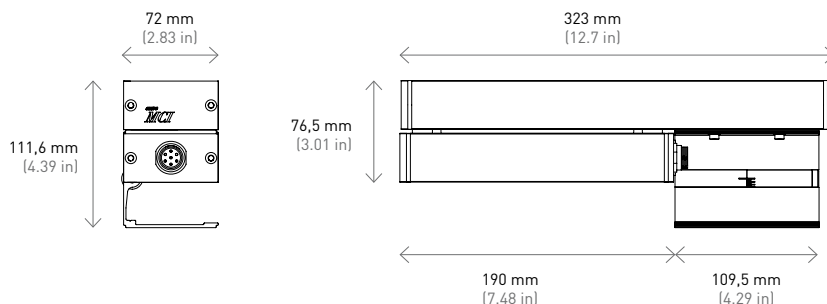
Data calculated with **Line Grazer® (48 LEDs / 1,2m)**.
Lumen measurement complies with **UNE-EN 13032 / IES LM-79-08** testing procedures.
Light distribution curves are available at **www.grupo-mci.com**.
Due to continuous improvements and innovations, specifications may change without notice.

Datos calculados con **Line Grazer® (48 LEDs / 1,2m)**.
Ensayado bajo las especificaciones de la norma **UNE-EN 13032 / IES LM-79-08**.
Fotometrías disponibles en **www.grupo-mci.com**.
Debido a las continuas mejoras e innovaciones, las especificaciones pueden cambiar sin previo aviso.

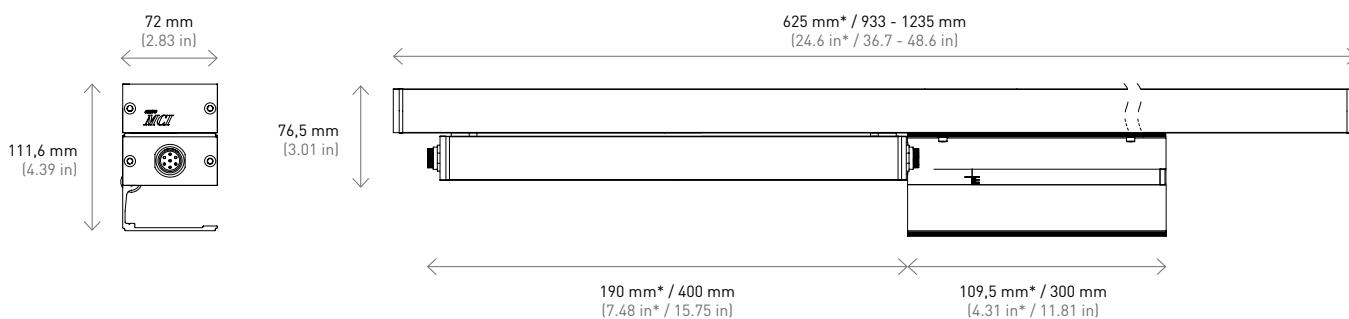


MEASURES MEDIDAS

Line Grazer® 300 Side bracket Soporte lateral



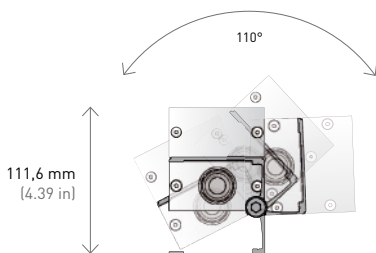
Line Grazer® 600 / 900 / 1200 Side bracket Soporte lateral



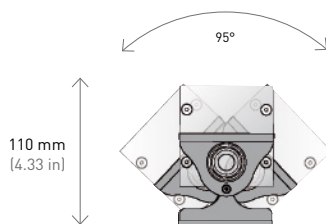
* Measures for Line Grazer® 600.
Medidas para Line Grazer® 600.

ROTATION ROTACIÓN

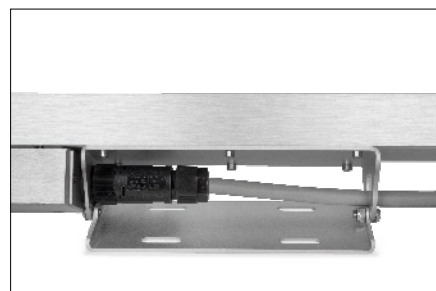
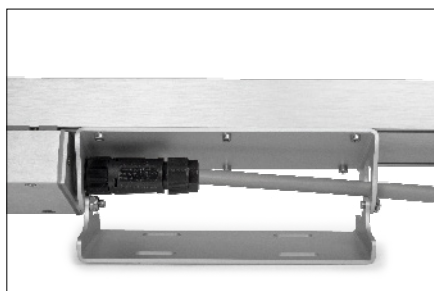
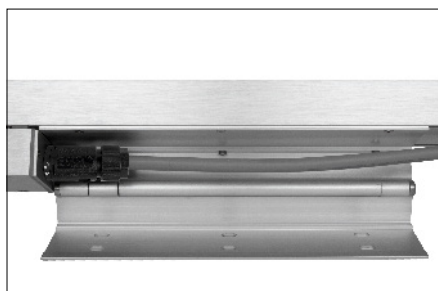
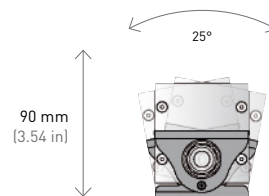
Side bracket Soporte lateral



High bracket Soporte alto



Low bracket Soporte bajo



FINISHES
ACABADOS

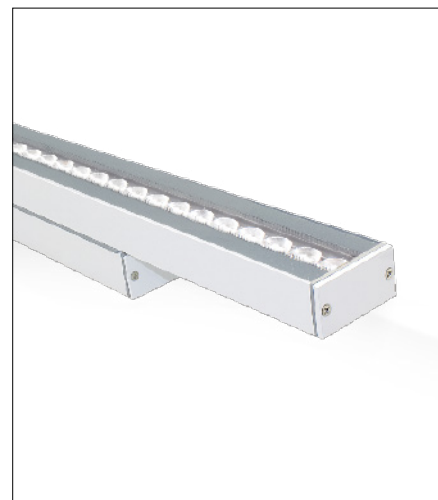
In order to satisfy all our customers, three different finishes are available: anodized silver, black and white.
Con el fin de satisfacer las necesidades de nuestros clientes, está disponible en tres acabados: anodizado plata, negro y blanco.



Anodized silver.
Anodizado plata.



Black.
Negro.

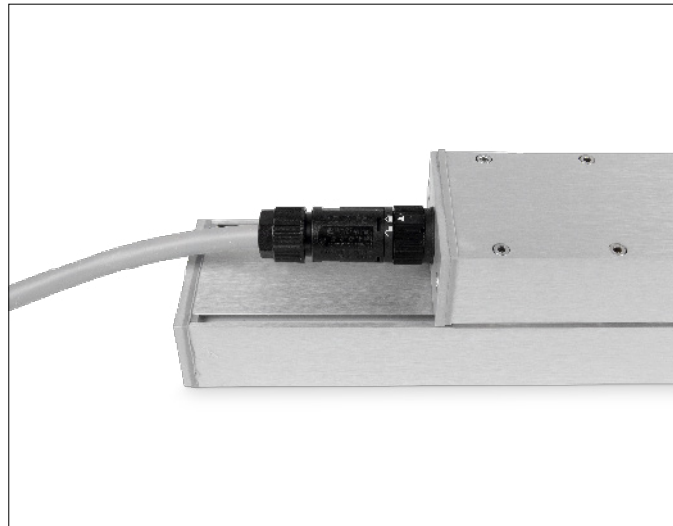
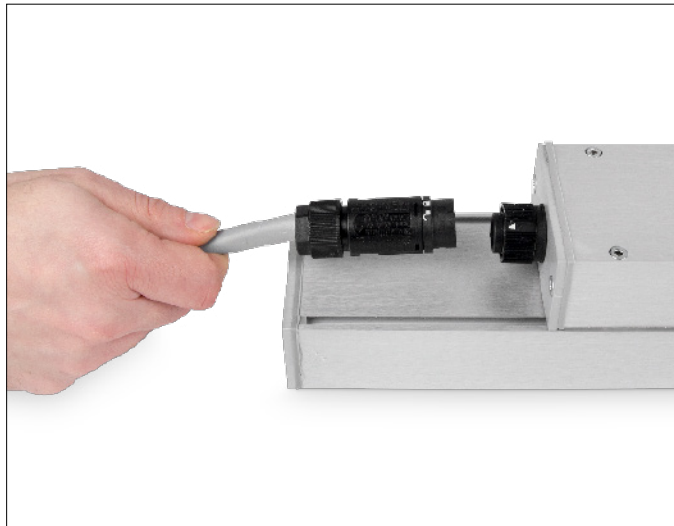


White.
Blanco.

(RAL 9011)

(RAL 9003)

DETAILS
DETALLES



Line Grazer® is supplied with IP68 male-female strain-relief connectors to eliminate accidentally disconnecting the cable from the fixture.
Line Grazer® se suministra con conectores de retención macho-hembra IP68 que evitan desconexiones accidentales.

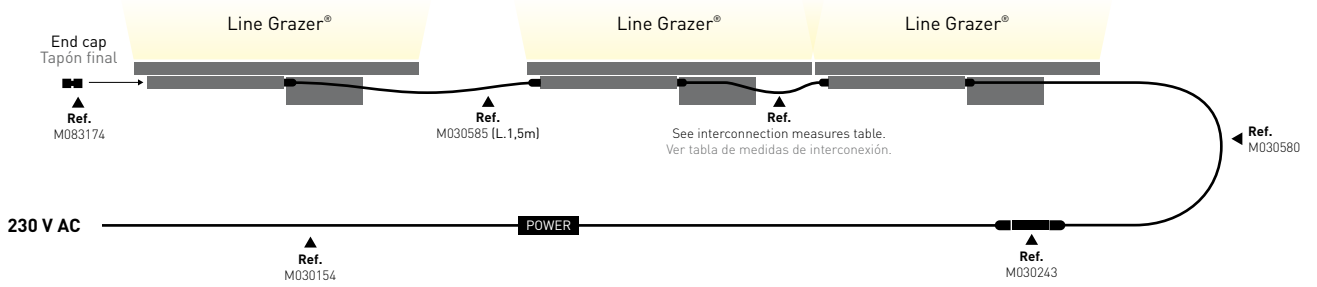


Molded silicone gasket guarantees IP66.
Junta de silicona moldeada que garantiza un IP66.

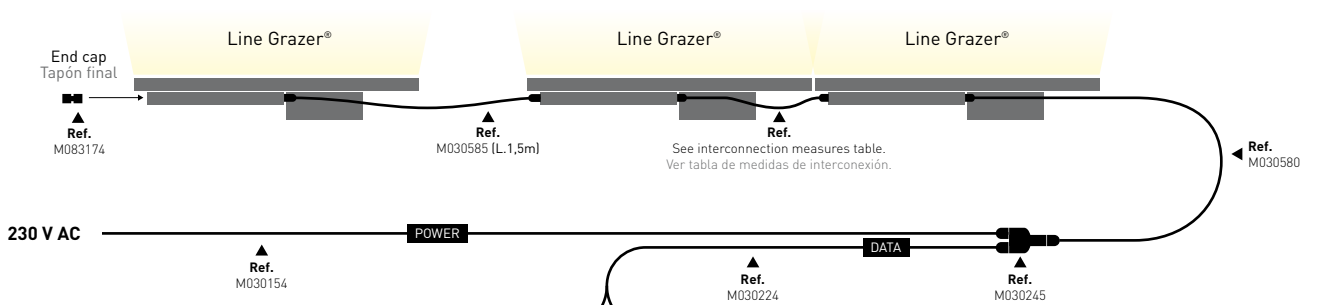


Monolithic tempered glass ensures high security protection, stability and hardness.
Cristal de seguridad monolítico templado que garantiza una alta protección, estabilidad y dureza.

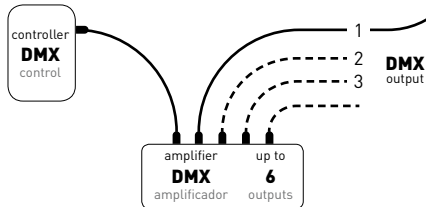
MONOCOLOR ON-OFF CONNECTIONS CONEXIONES ON-OFF MONOCOLOR



CONNECTIONS CONEXIONES



**MORE THAN 15 LINE GRAZER® WITH DMX.
PARA MÁS DE 15 LINE GRAZER® CON DMX.**



**UP TO 15 LINE GRAZER® WITH DMX.
HASTA 15 LINE GRAZER® CON DMX.**



A

**MORE THAN 15 LINE GRAZER® WITH DMX 512-A.
PARA MÁS DE 15 LINE GRAZER® CON DMX 512-A.**

Maximum 15 Line Grazer® per DMX output.
Maximum 100 meters from controller to the amplifier.
Maximum 100 meters from amplifier to last Line Grazer®.

Máximo 15 Line Grazer® por salida DMX.
Máximo 100 metros del controlador al amplificador.
Máximo 100 metros del amplificador al último Line Grazer®.

B

**UP TO 15 LINE GRAZER® WITH DMX 512-A.
HASTA 15 LINE GRAZER® CON DMX 512-A.**

Maximum 15 Line Grazer® per DMX controller.
Maximum 100 meters from controller to last Line Grazer®.
Follow connection diagram type B for DALI installations.

Máximo 15 Line Grazer® por controlador DMX.
Máximo 100 metros del controlador al último Line Grazer®.
Para instalación DALI seguir el conexionado tipo B.

INTERCONNECTION MEASURES TABLE TABLA DE MEDIDAS INTERCONEXIÓN

Line Grazer® 300	Line Grazer® 600	Line Grazer® 900	Line Grazer® 1200	OUT	IN
Line Grazer® 300 only suitable for end of line. Line Grazer® 300 sólo para final de línea.	M030582	M030582	M030582	Line Grazer® 300	
	M030583	M030583	M030583	Line Grazer® 600	
	M030583	M030583	M030584	Line Grazer® 900	
	M030584	M030584	M030584	Line Grazer® 1200	

REFERENCES
REFERENCIAS

7501 0 0 1 /80/2K8

COLOR COLOR

/80/2K8	2800K
/80/4K	4000K
/80/6K	6000K
/2K8-6K	Smart white (2800K + 4000K + 6000K)
/09	Blue Azul
/11	RGB
/11-4K	RGBW

LENGTH LONGITUD

1	300 mm*
2	600 mm
3	900 mm
4	1200 mm

FINISHES ACABADOS

0	Silver Plata
2	Black Negro
3	White Blanco

TYPE MODELO

0	48 LEDs / 1,2 m (pitch 25 mm)
1	36 LEDs / 1,2 m (pitch 33 mm)

* Line Grazer® 300 only suitable for end of the line.
Line Grazer® 300 sólo para final de línea.

OPTIONS
OPCIONES

The standard version is delivered with:
DMX, side bracket and 10°x 54° beam angle.

La versión estándar se suministra con:
DMX, soporte lateral y ángulo de apertura de 10°x 54°.

CONTROL CONTROL

on/off**
DMX 512-A (Standard)
DALI

BRACKET SOPORTE

(110°) Side Lateral (Standard)
(95°) High Alto
(25°) Low Bajo
Without Sin (for recessed version)

BEAM ÁNGULO

9°
10°x 54° (Standard)
28°
45°
Asymetric Asimétrica

** Only available in monocolour version.
Sólo disponible en versión monocolor.

ACCESSORIES REFERENCES
REFERENCIAS ACCESORIOS



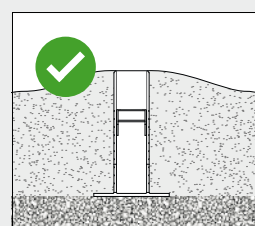
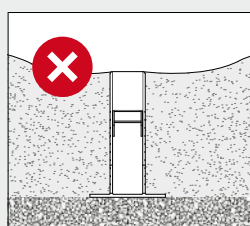
M030580	2 m power cable (5 poles-female)	Cable alimentación 2 m (5 polos-hembra)	1
	See interconnection table (previous page).	Ver tabla de interconexión (página anterior).	
M030582	0,4 m extension cable (5 poles)	Cable extensión 0,4 m (5 polos)	
M030583	0,6 m extension cable (5 poles)	Cable extensión 0,6 m (5 polos)	2
M030584	0,9 m extension cable (5 poles)	Cable extensión 0,9 m (5 polos)	
M030585	1,5 m extension cable (5 poles)	Cable extensión 1,5 m (5 polos)	
M083174	120 OHM end cap (5 poles-male)	Tapón final 120 OHM (5 polos-macho)	3
	Custom assembly for installers.	Para el montaje a medida por el instalador.	
M083166	IP68 connector (5 poles-male)	Conector aereo IP68 (5 polos-macho)	
M083173	End cap (male)	Tapón final (macho)	
M083167	IP68 connector (5 poles-female)	Conector aereo IP68 (5 polos-hembra)	
M083172	End cap (female)	Tapón final (hembra)	
M030400/C12	2 x AWG22 + 3 x 1,5 mm² cable (m)	Cable 2 x AWG22 + 3 x 1,5 mm² (m)	
	For installation.	Para instalación.	
M030243	IP68 "I" connection Ø6-13,5mm Tee Tube (3 poles)	Conexión "I" Ø6-13,5mm IP68 Tee Tube (3 polos)	4
M030245	IP68 "Y" connection Ø6-17mm Tee Tube (5 poles)	Conexión "Y" Ø6-17mm IP68 Tee Tube (5 polos)	5
M030154	3 x 1,5 mm² H07RN-F cable (m)	Cable 3 x 1,5 mm² H07RN-F (m)	
M030224	BELDEN 3105A cable (m)	Cable BELDEN 3105A (m)	
7150203	DMX Addresser Setup	DMX Addresser Setup	6

RECESSED BOX CAJETÍN DE EMPOTRAR



Easy Plug&Play system for a fast installation in the recessed box. Polyethylene foam protects the recessed box of concrete dilatations.

Unión rápida que permite montar con facilidad la luminaria en la caja de empotrar. La junta de polietileno absorbe las dilataciones del hormigón.



Temporarily immersion protection

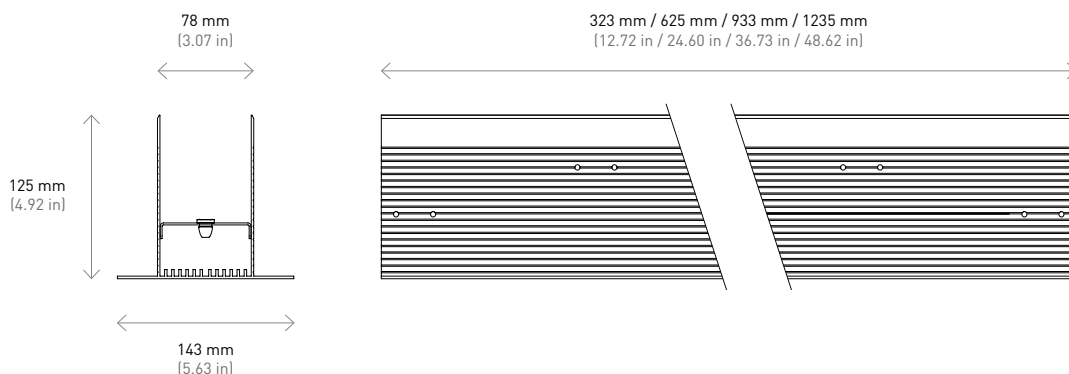
A crushed stone surrounding the recessed box is recommended for a correct drainage. Avoid its placing in ground depression.

Incorrect drainage, may cause the loss of warranty.

Para un drenaje correcto se recomienda una capa de grava alrededor de la caja de empotramiento.

Evite su colocación en depresiones del terreno.

Un drenaje incorrecto puede significar la pérdida de garantía.



REFERENCES REFERENCIAS

7501094/C12	Recessed box 1200 mm	Cajetín de empotrar 1200 mm
7501093/C12	Recessed box 900 mm	Cajetín de empotrar 900 mm
7501092/C12	Recessed box 600 mm	Cajetín de empotrar 600 mm
7501091/C12	Recessed box 300 mm	Cajetín de empotrar 300 mm



7501095	Fixation kit box	Kit unión cajetín	1
7101196	Centric extraction tool	Útil extracción en línea	2



Sarcelles Church,
France

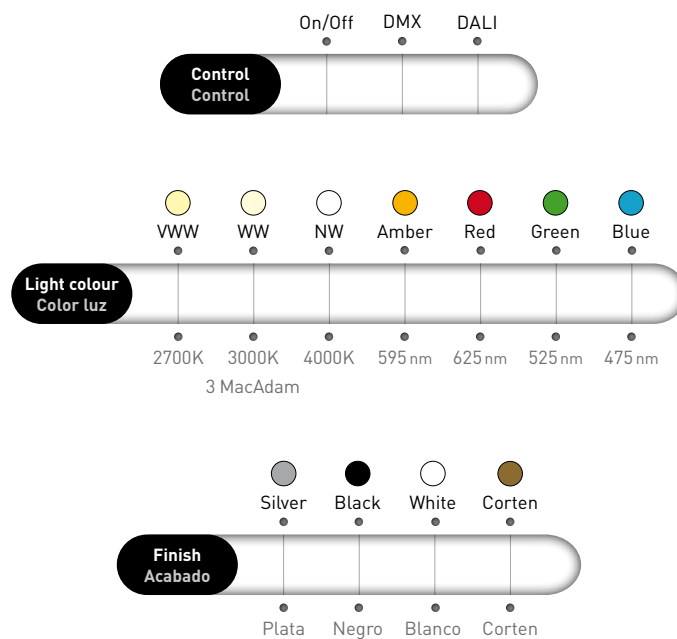




BOW®



- To highlight the outer edge of windows and arches
 - Inner louvres to adjust the beam angle on site.
 - Beam angle: 180° x 15°
 - Leveling luminaire to correct windowsill slope
 - 2m wire with lateral or backside cable output
- Iluminación para acentuar el contorno de ventanas y arcos
 - Lamas interiores para ajustar el ángulo de luz en la obra
 - Ángulo de apertura: 180° x 15°
 - Luminaria nivelable para corregir la inclinación del vierte aguas
 - Cable de 2m con salida lateral o posterior.



*The standard version is delivered with On/Off control.
La versión estándar se suministra con control On/Off.*

SPECIFICATIONS
CARACTERÍSTICAS

IP65	IK08	CRI>80	100-240V AC		on/off DMX DALI	AL + PMMA Housing	Ta min -20°C -4°F Ta max +50°C +122°F	CE
------	------	--------	----------------	--	-----------------------	----------------------------	--	----

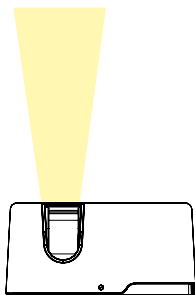
BOW®							
Measures	100 x 120 x 49 mm						
Weight	0,400 kg						
Color temperatures	2700K	3000K	4000K	Amber	Red	Green	Blue
Power	5,8 W / 2 LEDs	5,8 W / 2 LEDs	5,8 W / 2 LEDs	5,8 W / 2 LEDs	4,2 W / 2 LEDs	5,8 W / 2 LEDs	5,8 W / 2 LEDs
Lumens output	200lm	212lm	235lm	213lm	142lm	233lm	98lm

ADJUSTABLE LOUVRES
LAMAS AJUSTABLES

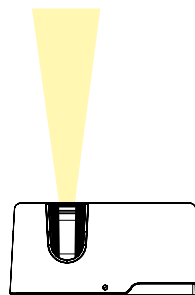
Inner louvres to adjust the beam angle on site (from 100% to 0%).
Lamas interiores para ajustar el ángulo de luz en la obra (de 100% a 0%).



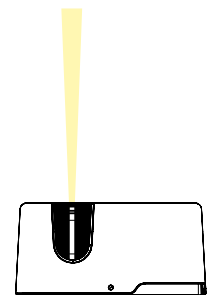
100% open



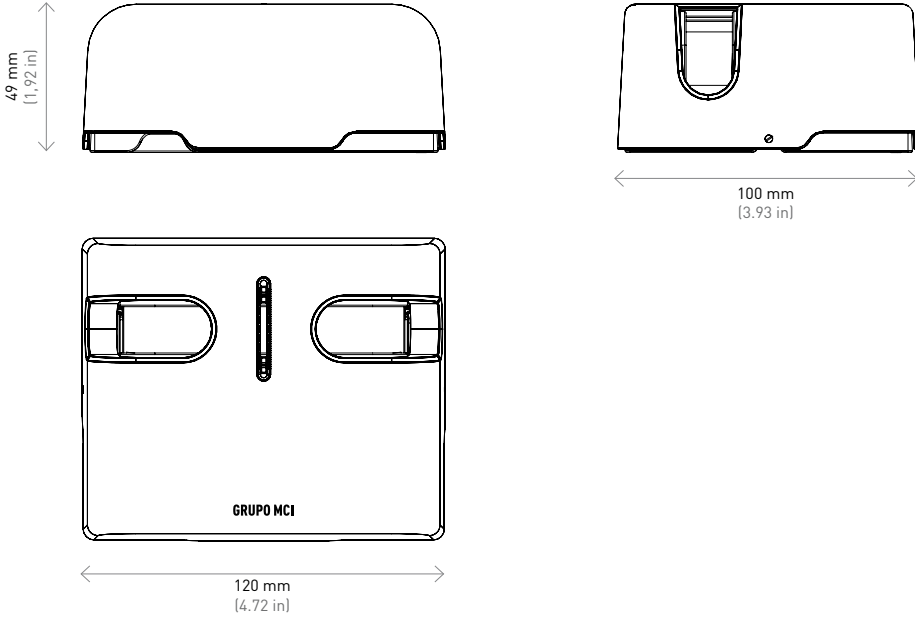
50% open



20% open



**MEASURES
MEDIDAS**



**LIGHT DISTRIBUTION CURVES
FOTOMETRÍAS**



Data calculated with **BOW®**.
Lumen measurement complies with **UNE-EN 13032 / IES LM-79-08** testing procedures.
Light distribution curves are available at www.grupo-mci.com.
Due to continuous improvements and innovations, specifications may change without notice.

Datos calculados con **BOW®**.
Ensayado bajo las especificaciones de la norma **UNE-EN 13032 / IES LM-79-08**.
Fotometrías disponibles en www.grupo-mci.com.
Debido a las continuas mejoras e innovaciones, las especificaciones pueden cambiar sin previo aviso.

FINISHES ACABADOS

In order to satisfy all our customers, four different versions are available: silver, black, white and corten.
Con el fin de satisfacer las necesidades de nuestros clientes, está disponible en cuatro acabados: plata, negro, blanco y corten.



Micro textured silver.
Plata micro texturizado.



Micro textured black.
Negro micro texturizado.



Micro textured white.
Blanco micro texturizado.



Micro textured corten.
Corten micro texturizado.

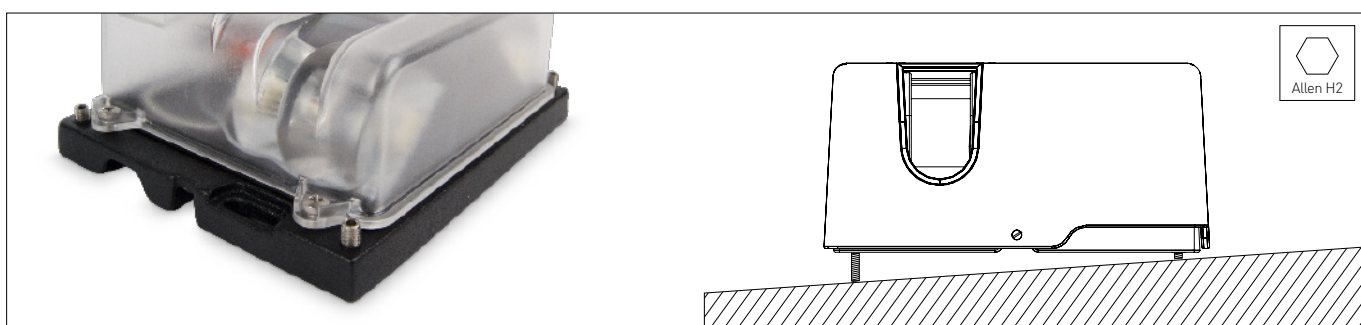
DETAILS DETALLES



2m wire backside cable output.
Cable de 2m con salida posterior.

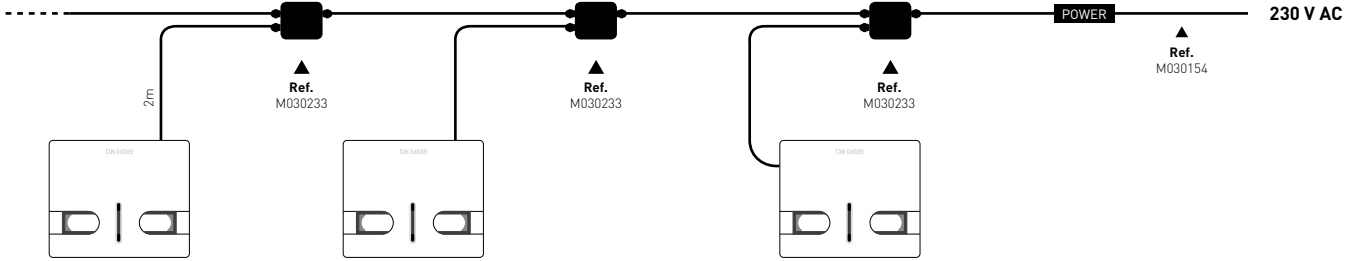
2m wire hidden cable output.
Cable de 2m con salida inferior.

2m wire with lateral cable output.
Cable de 2m con salida lateral.

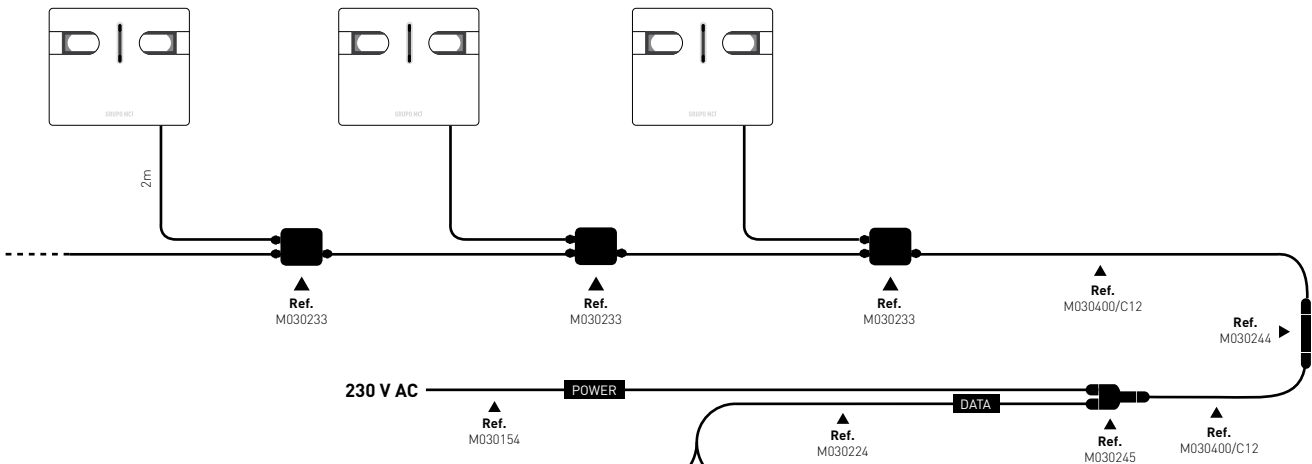


Leveling luminaire to correct windowsill slope.
Luminaria nivelable para corregir la inclinación del vierte aguas.

ON-OFF CONNECTIONS
CONEXIONES ON-OFF



DMX CONNECTIONS
CONEXIONES DMX



MORE THAN 15 BOW® WITH DMX.
PARA MÁS DE 15 BOW® CON DMX.



UP TO 15 BOW® WITH DMX.
HASTA 15 BOW® CON DMX.



MORE THAN 15 BOW® WITH DMX 512.
PARA MÁS DE 15 BOW® CON DMX 512.

Maximum 15 Bow® per DMX output.
 Maximum 100 m from controller to the amplifier.
 Maximum 100 m from amplifier to last Bow®.

Máximo 15 Bow® por salida DMX.
 Máximo 100 m del controlador al amplificador.
 Máximo 100 m del amplificador al último Bow®.



UP TO 15 BOW® WITH DMX 512.
PARA MENOS DE 15 BOW® CON DMX 512.

Maximum 15 Bow® per DMX controller.
 Maximum 100 m from controller to last Bow®.
 Follow connection diagram type **B** for DALI installations.

Máximo 15 Bow® por controlador DMX.
 Máximo 100 m del controlador al último Bow®.
 Para instalación DALI seguir el conexionado tipo **B**.

REFERENCES REFERENCIAS

71326 **0 0** /80/2K7

COLOUR COLOR

/80/2K7	2700K	
/80/3K	3000K	
/80/4K	4000K	
/04	Amber	Ambar (595nm)
/03	Red	Rojo (625nm)
/09	Blue	Azul (475nm)
/08	Green	Verde (525nm)

FINISHES ACABADOS

0	Texturised silver	Plata texturizado
2	Texturised black	Negro texturizado
3	Texturised white	Blanco texturizado
4	Texturised corten	Corten texturizado

OPTIONS OPCIONES

The standard version is delivered with On/Off.
La versión estándar se suministra con control On/Off.

CONTROL CONTROL

On/Off **(Standard)**
DMX 512-A
DALI

ACCESSORIES REFERENCES REFERENCIAS ACCESORIOS



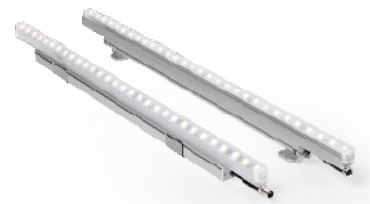
For installation On/Off		Para instalación On/Off	
M030154	3 x 1,5 mm ² H07RN-F cable (m)	Cable 3 x 1,5 mm ² H07RN-F (m)	
M030233	Derivation box	Caja derivación	1
For installation DMX		Para instalación DMX	
M030244	IP68 "I" connection Ø6-17mm Tee Tube (5 poles)	Conexión "I" Ø6-13,5mm IP68 Tee Tube (5 polos)	2
M030245	IP68 "Y" connection Ø6-17mm Tee Tube (5 poles)	Conexión "Y" Ø6-17mm IP68 Tee Tube (5 polos)	3
M030224	BELDEN 3105A cable (m)	Cable BELDEN 3105A (m)	
7150203	DMX Addresser Setup	DMX Addresser Setup	
M030154	3 x 1,5 mm ² H07RN-F cable (m)	Cable 3 x 1,5 mm ² H07RN-F (m)	
M030400/C12	3 x 1,5 mm ² + 2 x AWG22 PUR Cable (m)	Cable PUR 3 x 1,5 mm ² + 2 x AWG22 (m)	

Disfrutar Restaurant,
Barcelona, Spain





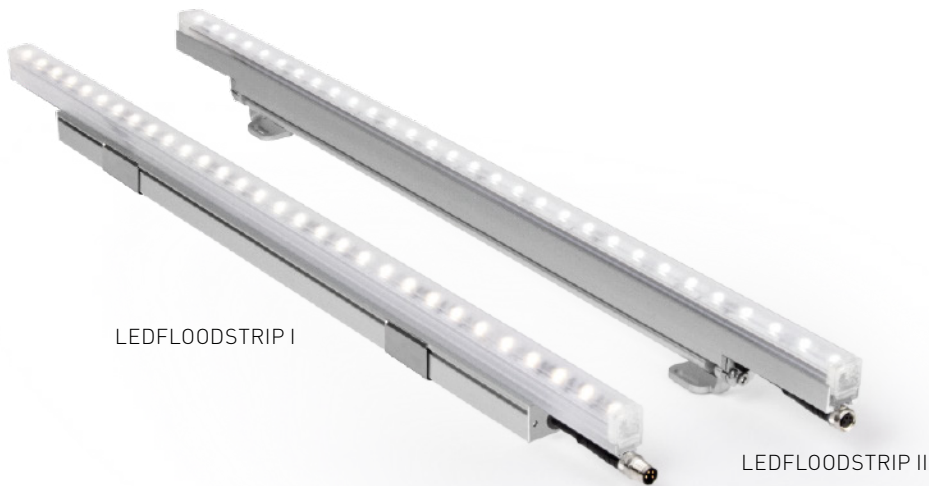
LEDFLOODSTRIP®



LED FLOOD STRIP®

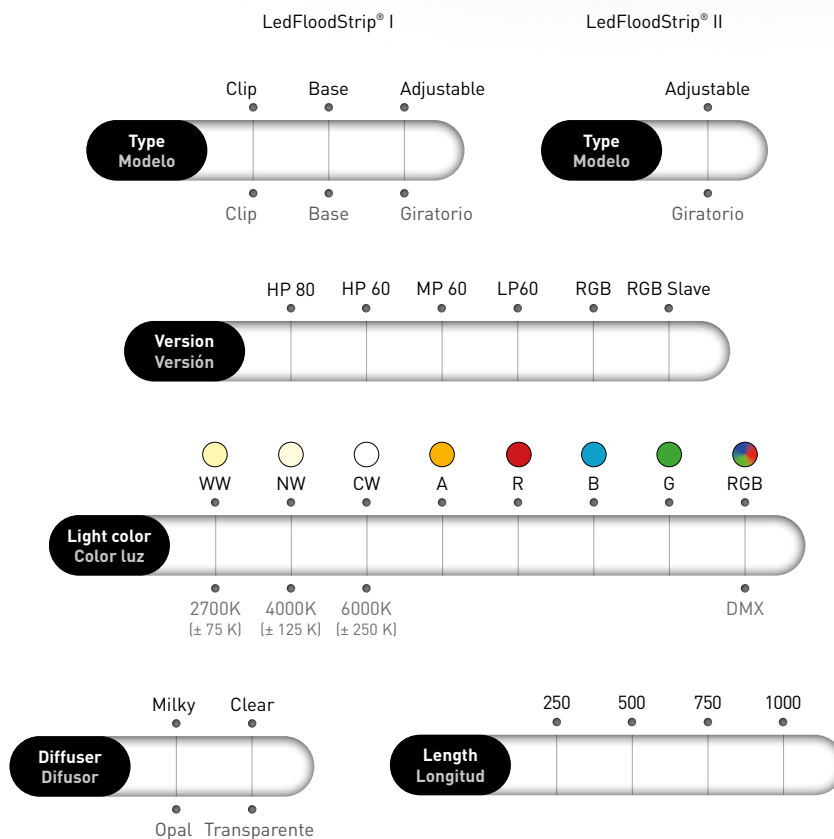
LED FLOOD STRIP I
LED FLOOD STRIP II

- Multifunctional lineal light
 - Variety of types and powers (up to 23 W/m)
 - Easy installation and dimmable
 - Small dimensions
 - Easy serial connection, up to 10 m
 - Adjustable and not adjustable types
- Luz lineal multifuncional
 - Gran variedad de modelos y potencias (hasta 23 W/m)
 - Fácil instalación y dimerizable
 - Reducidas dimensiones
 - Fácil conexión en serie, hasta 10 m
 - Modelos fijos y orientables



LED FLOOD STRIP I

LED FLOOD STRIP II



The LedFloodStrip® I standard version is delivered with clips.
La versión estándar LedFloodStrip® I se suministra con clips.

The LedFloodStrip® I & II standard version is delivered with clear diffuser.
La versión estándar LedFloodStrip® I y II se suministra con difusor transparente.

SPECIFICATIONS
CARACTERÍSTICAS



LedFloodStrip® I/II RGB / RGB SLAVE				
	1000 mm	750 mm	500 mm	250 mm
Power	17,3W (60 LEDs)	13W (45 LEDs)	8,7W (30 LEDs)	4,8W (15 LEDs)
Lumens output	448 lm	336 lm	220 lm	112 lm
Luminaire efficiency	26 lm/W	26 lm/W	25 lm/W	25 lm/W
Measures / Weight	1000 x 32 x 16 mm / 660 gr	750 x 32 x 16 mm / 540 gr	500 x 32 x 16 mm / 405 gr	250 x 32 x 16 mm / 280 gr

LedFloodStrip® I/II HP 80				
1000 mm				
Power	23,2W (80 LEDs)			
Color temperature	2700K	4000K	6000K	
Lumens output	1820 lm	1890 lm	1950 lm	
Luminaire efficiency	78 lm/W	81 lm/W	84 lm/W	
Measures / Weight	1000 x 32 x 16 mm / 660 gr			
750 mm				
Power	17,4W (60 LEDs)			
Color temperature	2700K	4000K	6000K	
Lumens output	1369 lm	1410 lm	1464 lm	
Luminaire efficiency	78 lm/W	81 lm/W	84 lm/W	
Measures / Weight	750 x 32 x 16 mm / 540 gr			
500 mm				
Power	11,6W (40 LEDs)			
Color temperature	2700K	4000K	6000K	
Lumens output	905 lm	940 lm	976 lm	
Luminaire efficiency	78 lm/W	81 lm/W	84 lm/W	
Measures / Weight	500 x 32 x 16 mm / 405 gr			
250 mm				
Power	5,8W (20 LEDs)			
Color temperature	2700K	4000K	6000K	
Lumens output	448 lm	470 lm	485 lm	
Luminaire efficiency	78 lm/W	81 lm/W	84 lm/W	
Measures / Weight	250 x 32 x 16 mm / 280 gr			

LedFloodStrip® I/II HP 60				
1000 mm				
Power	17,6W (60 LEDs)			
Color temperature	2700K	4000K	6000K	
Lumens output	1369 lm	1410 lm	1464 lm	
Luminaire efficiency	78 lm/W	80 lm/W	83 lm/W	
Measures / Weight	1000 x 32 x 16 mm / 660 gr			
750 mm				
Power	13,2W (45 LEDs)			
Color temperature	2700K	4000K	6000K	
Lumens output	1020 lm	1058 lm	1095 lm	
Luminaire efficiency	77 lm/W	80 lm/W	83 lm/W	
Measures / Weight	750 x 32 x 16 mm / 540 gr			
500 mm				
Power	8,8W (30 LEDs)			
Color temperature	2700K	4000K	6000K	
Lumens output	673 lm	695 lm	729 lm	
Luminaire efficiency	76 lm/W	79 lm/W	83 lm/W	
Measures / Weight	500 x 32 x 16 mm / 405 gr			
250 mm				
Power	4,4W (15 LEDs)			
Color temperature	2700K	4000K	6000K	
Lumens output	305 lm	332 lm	350 lm	
Luminaire efficiency	69 lm/W	75 lm/W	80 lm/W	
Measures / Weight	250 x 32 x 16 mm / 280 gr			

Other types on next page >>>
Otros modelos en página siguiente >>>

Color temperature conform to **ANSI C78.377A**.
Lumens measurement conform to **LM-79-08**.
Lumens maintenance conform to **LM-80-08**.

Temperatura de color según normativa **ANSI C78.377A**.
Medición lumens según normativa **LM-79-08**.
Mantenimiento lumens según normativa **LM-80-08**.

SPECIFICATIONS CARACTERÍSTICAS

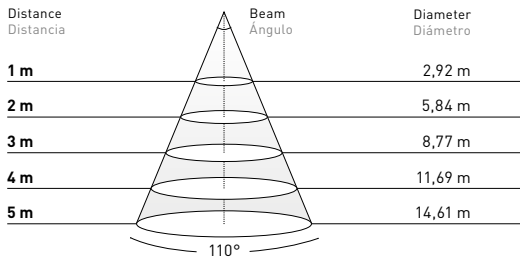
LedFloodStrip® I/II MP 60			
1000 mm			
Power	11,6W (60 LEDs)		
Color temperature	2700K	4000K	6000K
Lumens output	980 lm	1.024 lm	1.070 lm
Luminaire efficiency	84 lm/W	88 lm/W	92 lm/W
Measures / Weight	1000 x 32 x 16 mm / 660 gr		
750 mm			
Power	8,7W (45 LEDs)		
Color temperature	2700K	4000K	6000K
Lumens output	730 lm	768 lm	802 lm
Luminaire efficiency	84 lm/W	88 lm/W	92 lm/W
Measures / Weight	750 x 32 x 16 mm / 540 gr		
500 mm			
Power	5,8W (30 LEDs)		
Color temperature	2700K	4000K	6000K
Lumens output	444 lm	490 lm	520 lm
Luminaire efficiency	77 lm/W	84 lm/W	90 lm/W
Measures / Weight	500 x 32 x 16 mm / 405 gr		
250 mm			
Power	2,9W (15 LEDs)		
Color temperature	2700K	4000K	6000K
Lumens output	202 lm	230 lm	250 lm
Luminaire efficiency	70 lm/W	79 lm/W	86 lm/W
Measures / Weight	250 x 32 x 16 mm / 280 gr		

LedFloodStrip® I/II LP 60			
1000 mm			
Power	5,8W (60 LEDs)		
Color temperature	2700K	4000K	6000K
Lumens output	490 lm	512 lm	535 lm
Luminaire efficiency	84 lm/W	88 lm/W	92 lm/W
Measures / Weight	1000 x 32 x 16 mm / 660 gr		
750 mm			
Power	4,35W (45 LEDs)		
Color temperature	2700K	4000K	6000K
Lumens output	365 lm	384 lm	401 lm
Luminaire efficiency	84 lm/W	88 lm/W	92 lm/W
Measures / Weight	750 x 32 x 16 mm / 540 gr		
500 mm			
Power	2,9W (30 LEDs)		
Color temperature	2700K	4000K	6000K
Lumens output	222 lm	245 lm	260 lm
Luminaire efficiency	77 lm/W	84 lm/W	90 lm/W
Measures / Weight	500 x 32 x 16 mm / 405 gr		
250 mm			
Power	1,45W (15 LEDs)		
Color temperature	2700K	4000K	6000K
Lumens output	101 lm	115 lm	125 lm
Luminaire efficiency	70 lm/W	79 lm/W	86 lm/W
Measures / Weight	250 x 32 x 16 mm / 280 gr		

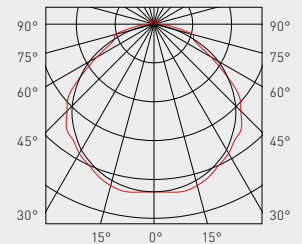
LIGHT DISTRIBUTION CURVES
FOTOMETRÍAS

LedFloodStrip® I/II RGB

1 m 110°

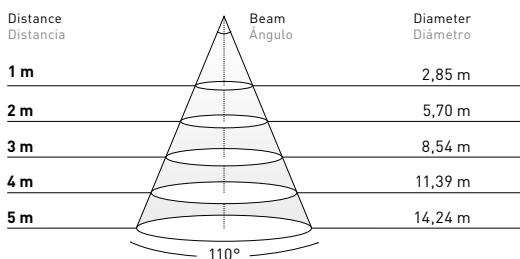


RGB	
	38 lux
	9 lux
	4 lux
	2 lux
	2 lux

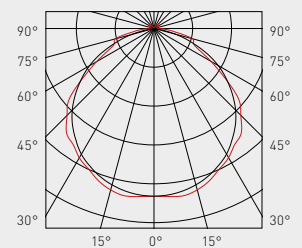


LedFloodStrip® I/II HP 80

1 m 110°

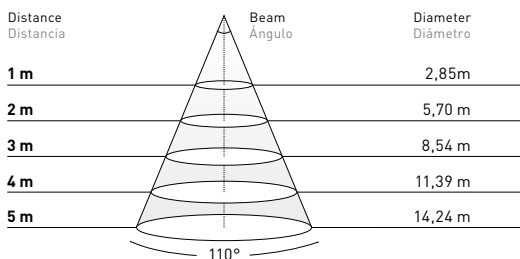


2700K	4000K	6000K
WARM WHITE BLANCO CÁLIDO	NEUTRAL WHITE BLANCO NEUTRO	COOL WHITE BLANCO FRÍO
153 lux	160 lux	165 lux
38 lux	40 lux	41 lux
17 lux	18 lux	18 lux
10 lux	10 lux	10 lux
6 lux	6 lux	7 lux

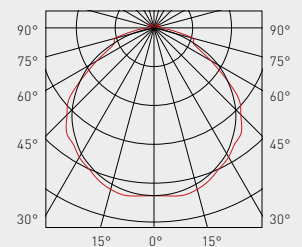


LedFloodStrip® I/II HP 60

1 m 110°

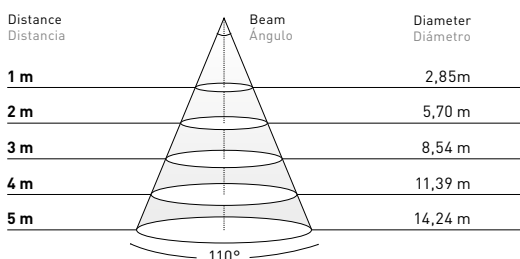


2700K	4000K	6000K
WARM WHITE BLANCO CÁLIDO	NEUTRAL WHITE BLANCO NEUTRO	COOL WHITE BLANCO FRÍO
115 lux	120 lux	124 lux
29 lux	30 lux	31 lux
13 lux	13 lux	14 lux
7 lux	7 lux	8 lux
5 lux	5 lux	5 lux

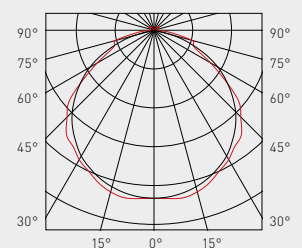


LedFloodStrip® I/II LP 60

1 m 110°



2700K	4000K	6000K
WARM WHITE BLANCO CÁLIDO	NEUTRAL WHITE BLANCO NEUTRO	COOL WHITE BLANCO FRÍO
41 lux	43 lux	45 lux
10 lux	11 lux	11 lux
5 lux	5 lux	5 lux
3 lux	3 lux	3 lux
2 lux	2 lux	2 lux

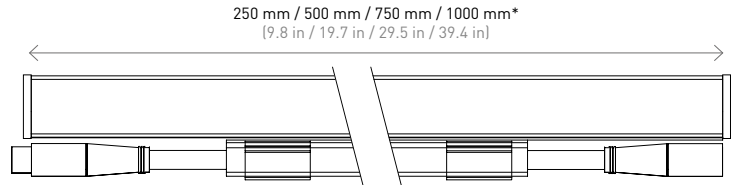
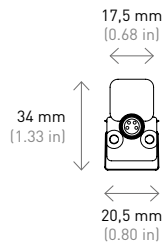


Data calculated with LedFloodStrip® I/II (1000 mm - clear diffuser).
Lumen measurement complies with UNE-EN 13032 / IES LM-79-08 testing procedures.
Light distribution curves are available at www.grupo-mci.com.
Due to continuous improvements and innovations, specifications may change without notice.

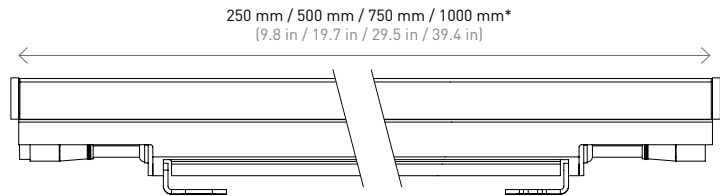
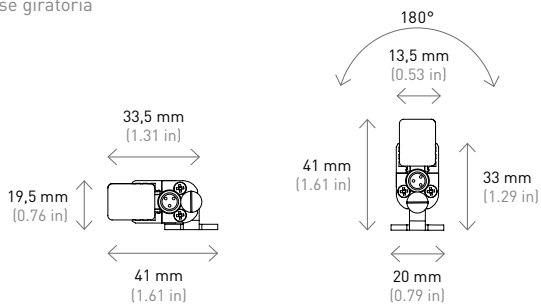
Datos calculados con LedFloodStrip® I/II (1000 mm - difusor transparente).
Ensayado bajo las especificaciones de la norma UNE-EN 13032 / IES LM-79-08.
Fotometrías disponibles en www.grupo-mci.com.
Debido a las continuas mejoras e innovaciones, las especificaciones pueden cambiar sin previo aviso.

MEASURES MEDIDAS

LedFloodStrip® I (Not adjustable)
with clip
con clip



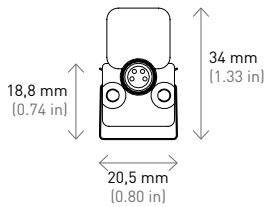
LedFloodStrip® II (Adjustable)
with swivel base
con base giratoria



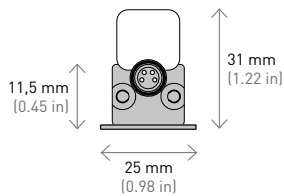
*Measures without end caps. The end cap thickness is 5 mm.
*Medidas sin tapas finales. El grosor de la tapa es de 5 mm.

BRACKETS SOPORTES

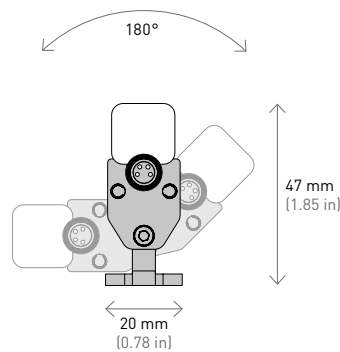
LedFloodStrip® I
clip
clip



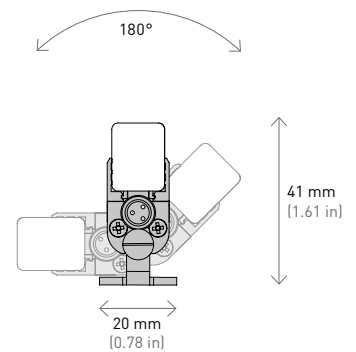
LedFloodStrip® I
non adjustable base
base fija



LedFloodStrip® I
swivel base
base giratoria



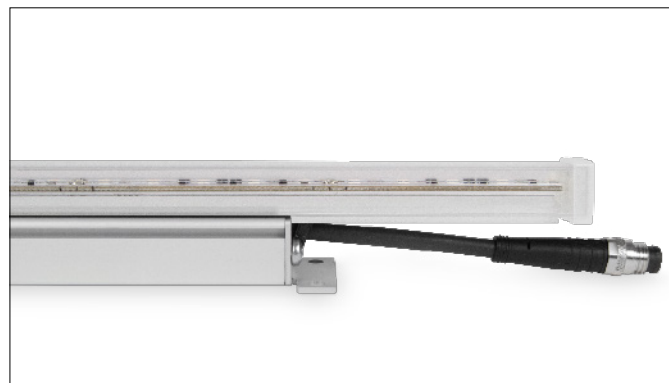
LedFloodStrip® II
swivel base
base giratoria



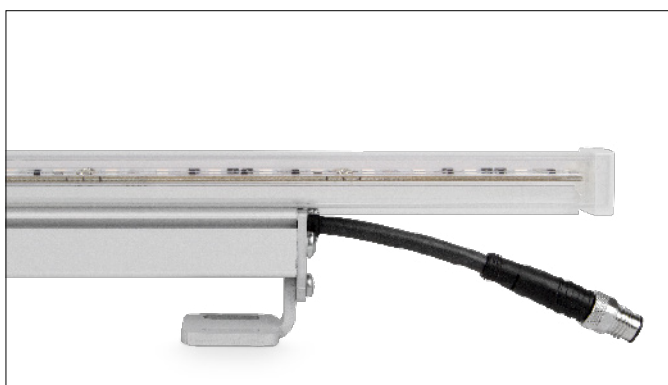
DETAILS
DETALLES



LedFloodStrip® I with not adjustable inox clip.
LedFloodStrip® I con clip acero inoxidable fijo.



LedFloodStrip® I with not adjustable base.
LedFloodStrip® I con base fija.



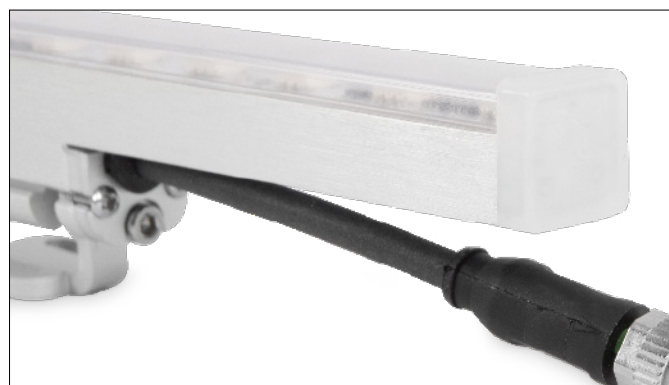
LedFloodStrip® I with swivel base.
LedFloodStrip® I con base giratoria.



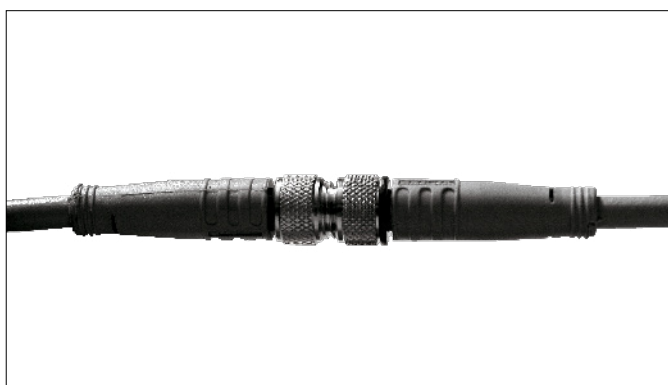
LedFloodStrip® II with swivel base.
LedFloodStrip® II con base giratoria.



LedFloodStrip® I with swivel base.
LedFloodStrip® I con base giratoria.

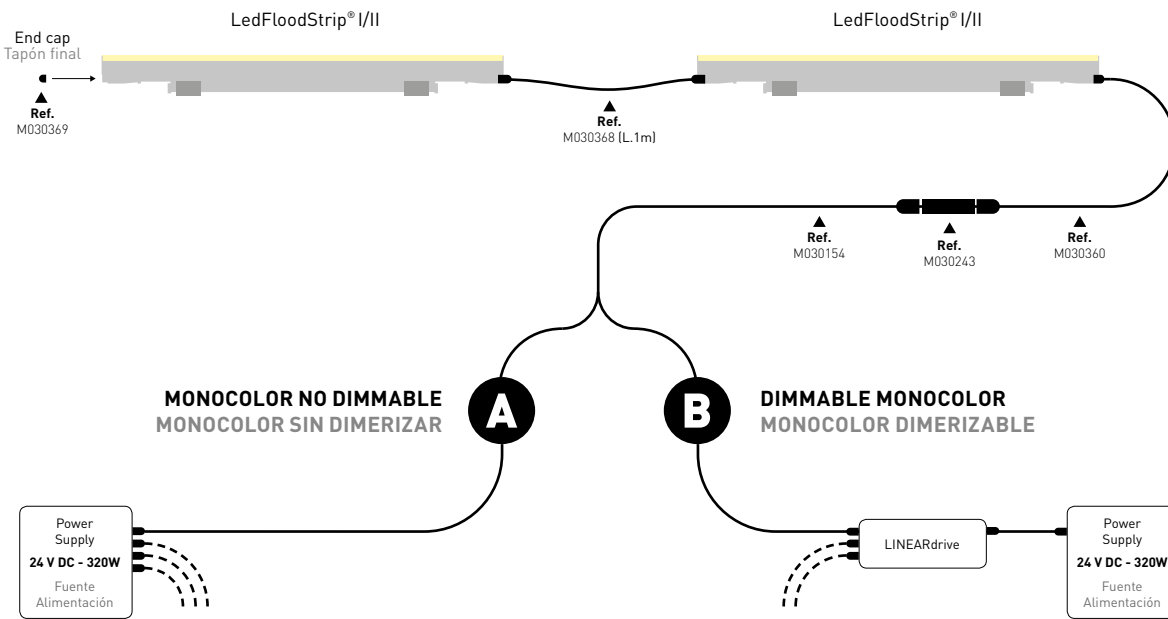


The cap seal ensures a protection class IP66.
Sellado de la tapa que garantiza un grado de protección IP66.



Easy connection.
Conexión fácil.

MONOCOLOR CONNECTIONS CONEXIONES MONOCOLOR



A

MONOCOLOR NO DIMMABLE MONOCOLOR SIN DIMERIZAR

Below you see the maximum LedFloodStrip® 1000 mm which can be connected in chain and maximum chains' number connected to the PSU 24 V DC - 320W. Maximum 5 m from the power supply to the first LedFloodStrip® 1000 mm.

Ver tabla adjunta para número máximo de LedFloodStrip® 1000 mm conectados en cadena y máximo de cadenas conectadas a fuente de alimentación de 24 V DC - 320W. Máximo 5 m. desde la fuente de alimentación al primer LedFloodStrip® 1000 mm.

B

DIMMABLE with LINEARdrive 720 DIMERIZABLE con LINEARdrive 720

Below you see the maximum LedFloodStrip® 1000 mm which can be connected in chain and maximum chains' number connected to the LINEARdrive 720 (PSU 24 V DC - 320W). Maximum 5 m from the power supply to the first LedFloodStrip® 1000 mm.

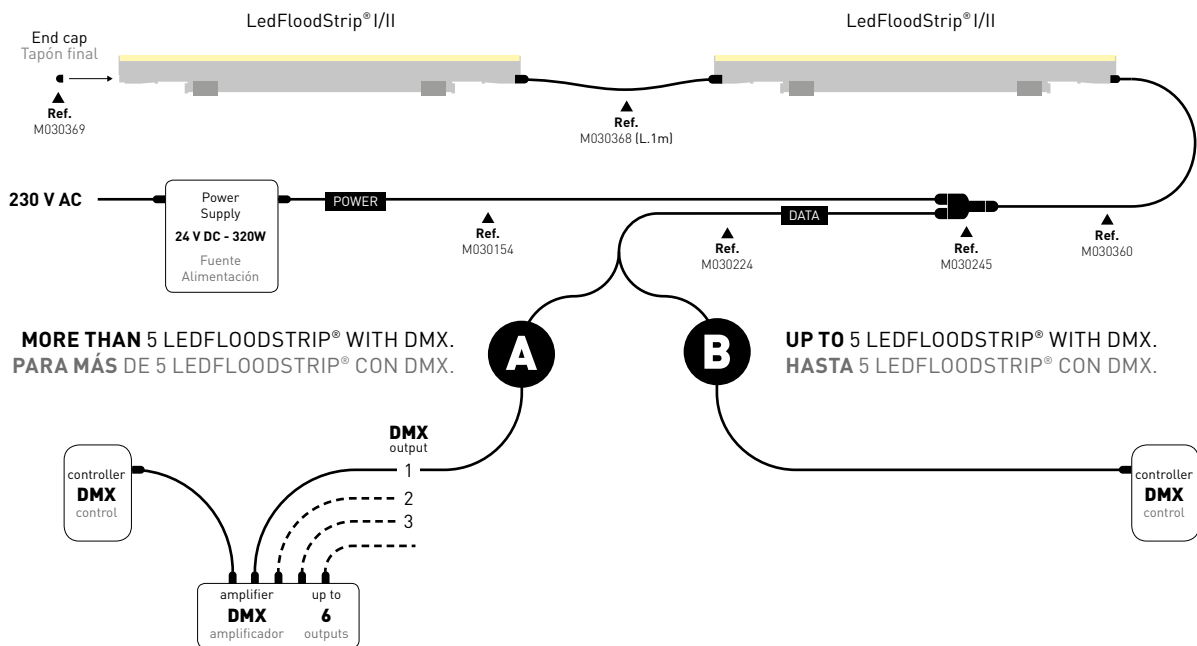
Ver tabla adjunta para número máximo de LedFloodStrip® 1000 mm conectados en cadena y máximo de cadenas conectadas a LINEARdrive 720 (fuente de alimentación de 24 V DC - 320W). Máximo 5 m. desde la fuente de alimentación al primer LedFloodStrip® 1000 mm.

LED FLOOD STRIP® 1000 mm CONNECTION TABLE. TABLA DE CONEXIONES DE LED FLOOD STRIP® 1000 mm.

	HP 80	HP 60	MP 60	LP 60
Power	23,2 W	17,6 W	11,6 W	5,8 W
Luminaires per chain*	5	5	8	10
Max. chain quantity	2	3	3	5

* Values calculated without considering voltage drop. Datos calculados sin caída de tensión.

RGB CONNECTIONS
CONEXIONES RGB



MORE THAN 5 LEDFLOODSTRIP® WITH DMX.
PARA MÁS DE 5 LEDFLOODSTRIP® CON DMX.

UP TO 5 LEDFLOODSTRIP® WITH DMX.
HASTA 5 LEDFLOODSTRIP® CON DMX.

A

MORE THAN 5 LEDFLOODSTRIP® 1000 mm RGB WITH DMX 512-A.
PARA MÁS DE 5 LEDFLOODSTRIP® 1000 mm RGB CON DMX 512-A.

Maximum 5 LedFloodStrip® 1000 mm per DMX output.
Maximum 100 m from controller to the amplifier.
Maximum 100 m from amplifier to last LedFloodStrip® 1000 mm.

Máximo 5 LedFloodStrip® 1000 mm por salida DMX.
Máximo 100 m del controlador al amplificador.
Máximo 100 m del amplificador al último LedFloodStrip® 1000 mm.

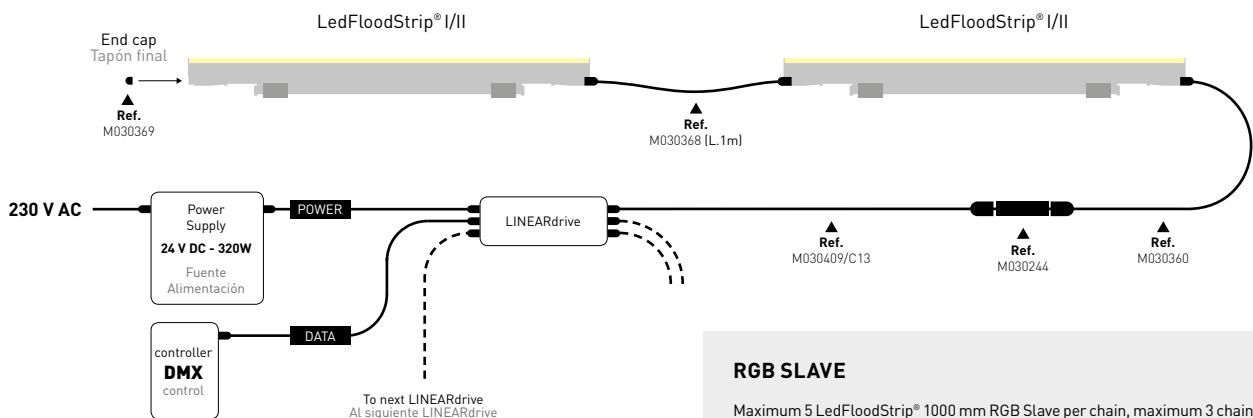
B

UP TO 5 LEDFLOODSTRIP® 1000 mm WITH DMX 512-A.
HASTA 5 LEDFLOODSTRIP® 1000 mm CON DMX 512-A.

Maximum 5 LedFloodStrip® 1000 mm per DMX controller with PSU 24 V DC 320W.
Maximum 100 m from controller to last LedFloodStrip® 1000 mm.

Máximo 5 LedFloodStrip® 1000 mm por controlador DMX con fuente de alimentación de 24 V DC - 320W.
Máximo 100 m del controlador al último LedFloodStrip® 1000 mm.

RGB SLAVE CONNECTIONS
CONEXIONES RGB SLAVE



RGB SLAVE

Maximum 5 LedFloodStrip® 1000 mm RGB Slave per chain, maximum 3 chains (max. 15 u) to LINEARdrive 720 (PSU 24 V DC - 320W).
Maximum 5 m from the power supply to the first LedFloodStrip® 1000 mm.

Máximo 5 LedFloodStrip® 1000 mm RGB Slave por cadena, máximo 3 cadenas (máx. 15 u) conectadas al LINEARdrive 720 (fuente de alimentación de 24 V DC - 320W).
Máximo 5 m. desde la fuente de alimentación al primer LedFloodStrip® 1000 mm.

REFERENCES REFERENCIAS

LedFloodStrip® I HP 80	250 mm	7100321/...
	500 mm	7100322/...
	750 mm	7100323/...
	1000 mm	7100324/...
LedFloodStrip® II HP 80	250 mm	7100331/...
	500 mm	7100332/...
	750 mm	7100333/...
	1000 mm	7100334/...

LedFloodStrip® I HP 60	250 mm	7100421/...
	500 mm	7100422/...
	750 mm	7100423/...
	1000 mm	7100424/...
LedFloodStrip® II HP 60	250 mm	7100431/...
	500 mm	7100432/...
	750 mm	7100433/...
	1000 mm	7100434/...

LedFloodStrip® I MP 60	250 mm	7100621/...
	500 mm	7100622/...
	750 mm	7100623/...
	1000 mm	7100624/...
LedFloodStrip® II MP 60	250 mm	7100631/...
	500 mm	7100632/...
	750 mm	7100633/...
	1000 mm	7100634/...

LedFloodStrip® I LP 60	250 mm	7101621/...
	500 mm	7101622/...
	750 mm	7101623/...
	1000 mm	7101624/...
LedFloodStrip® II LP 60	250 mm	7101631/...
	500 mm	7101632/...
	750 mm	7101633/...
	1000 mm	7101634/...

LedFloodStrip® I RGB	250 mm	7101421/11
	500 mm	7101422/11
	750 mm	7101423/11
	1000 mm	7101424/11
LedFloodStrip® II RGB	250 mm	7101431/11
	500 mm	7101432/11
	750 mm	7101433/11
	1000 mm	7101434/11

LedFloodStrip® I RGB Slave	250 mm	7101426/11
	500 mm	7101427/11
	750 mm	7101428/11
	1000 mm	7101429/11
LedFloodStrip® II RGB Slave	250 mm	7101436/11
	500 mm	7101437/11
	750 mm	7101438/11
	1000 mm	7101439/11

Complete reference with color number for LedFloodStrip® I/II
Complete la referencia con el número del color para LedFloodStrip® I/II



...80/6K	Cool white	Blanco frío
...80/4K	Neutral white	Blanco neutro
...80/2K7	Warm white	Blanco cálido
...03	Red	Rojo
...04	Amber	Ambar
...08	Green	Verde
...09	Blue	Azul

OPTIONS LEDFLOODSTRIP® I OPCIONES LEDFLOODSTRIP® I

The LedFloodStrip® I standard version is delivered with clips & clear diffuser.
La versión estándar LedFloodStrip® I se suministra con clips y difusor transparente.

DIFFUSER DIFUSOR

Clear Transparente **(Standard)**
Milky Opal

BRACKETS SOPORTES

Clip **(Standard)**
Non adjustable base Base fija
Swivel base Base giratoria

OPTIONS LEDFLOODSTRIP® II OPCIONES LEDFLOODSTRIP® II

The LedFloodStrip® II standard version is delivered with clear diffuser.
La versión estándar LedFloodStrip® II se suministra con difusor transparente.

DIFFUSER DIFUSOR

Clear Transparente **(Standard)**
Milky Opal

ACCESSORIES REFERENCES
REFERENCIAS ACCESORIOS


M030360	Power cable 70 cm	Cable alimentación 70 cm	1
M030368	Extension cable 1 m	Cable extensión 1 m	2
M030369	End cap	Tapón final	
M170023	LedFloodStrip® II clip	Clip LedFloodStrip® II	
M170029	LedFloodStrip® I clip	Clip LedFloodStrip® I	
	For monocolour installation.	Para instalación monocolor.	
M030243	IP68 "I" connection Ø6-13,5mm Tee Tube (3 poles)	Conexión "I" Ø6-13,5mm IP68 Tee Tube (3 polos)	3
M030154	3 x 1,5 mm ² H07RN-F cable (m)	Cable 3 x 1,5 mm ² H07RN-F (m)	
	For RGB installation.	Para instalación RGB.	
M030244	IP68 "I" connection Ø6-17mm Tee Tube (5 poles)	Conexión "I" Ø6-13,5mm IP68 Tee Tube (5 polos)	4
M030409/C13	5 x 0,75 mm ² PUR cable (RGB Slave)	Cable PUR 5 x 0,75 mm ² (RGB Slave)	
M030245	IP68 "Y" connection Ø6-17mm Tee Tube (5 poles)	Conexión "Y" Ø6-17mm IP68 Tee Tube (5 polos)	5
M030154	3 x 1,5 mm ² H07RN-F cable (m)	Cable 3 x 1,5 mm ² H07RN-F (m)	
M030224	BELDEN 3105A cable (m)	Cable BELDEN 3105A (m)	


 Tia Santa restaurant,
 Barcelona, Spain



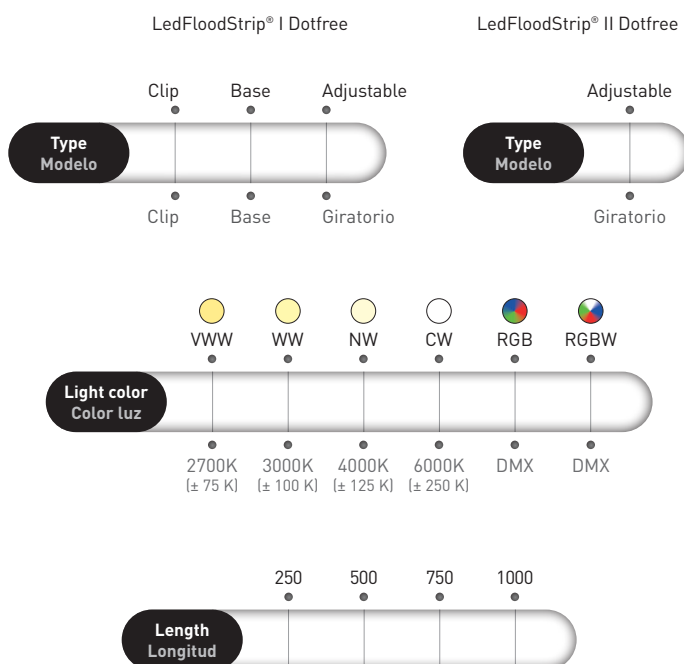


LEDFLOODSTRIP DOTFREE®



LED FLOOD STRIP® DOTFREE

- Homogenous light without visible dots
- Adjustable and not adjustable types
- Powers up to 18 W/m
- Small dimensions
- Easy installation and dimmable
- Easy serial connection, up to 10 m
- Luz uniforme sin puntos visibles
- Modelos fijos y orientables
- Potencias hasta 18 W/m
- Reducidas dimensiones
- Fácil instalación y dimerizable
- Fácil conexión en serie, hasta 10 m



SPECIFICATIONS CARACTERÍSTICAS

IP66	24V DC			Anodized AL Housing	PMMA Diffuser	Ta min -20°C -4°F Ta max +50°C +122°F	CE
------	--------	--	--	---------------------	---------------	--	----

LedFloodStrip® I & II Dotfree													
1000 mm													
Power	17,6 W (80 LEDs)				19,2 W (80 LEDs)				24 W (80 LEDs)				
Color temperature	2700K	3000K	4000K	6000K	RGB				RGBW				
					R	G	B	R+G+B	R	G	B	4000K	R+G+B+W
Lumens output	891 lm	940 lm	990 lm	1089 lm	120 lm	340 lm	80 lm	540 lm	252 lm	408 lm	60 lm	340 lm	1060 lm
Luminaire efficiency	51 lm/W	53 lm/W	56 lm/W	62 lm/W	28 lm/W				44 lm/W				
Measures / Weight	1000 x 42 x 26 mm / 660 gr												
750 mm													
Power	13,2 W (60 LEDs)				14,4 W (60 LEDs)				18 W (60 LEDs)				
Color temperature	2700K	3000K	4000K	6000K	RGB				RGBW				
					R	G	B	R+G+B	R	G	B	4000K	R+G+B+W
Lumens output	669 lm	706 lm	743 lm	817 lm	90 lm	225 lm	60 lm	405 lm	189 lm	306 lm	45 lm	255 lm	795 lm
Luminaire efficiency	51 lm/W	53 lm/W	56 lm/W	62 lm/W	28 lm/W				44 lm/W				
Measures / Weight	750 x 42 x 26 mm / 540 gr												
500 mm													
Power	8,8 W (40 LEDs)				9,6 W (40 LEDs)				12 W (40 LEDs)				
Color temperature	2700K	3000K	4000K	6000K	RGB				RGBW				
					R	G	B	R+G+B	R	G	B	4000K	R+G+B+W
Lumens output	446 lm	470 lm	495 lm	544 lm	60 lm	170 lm	40 lm	270 lm	126 lm	204 lm	30 lm	170 lm	530 lm
Luminaire efficiency	51 lm/W	53 lm/W	56 lm/W	62 lm/W	28 lm/W				44 lm/W				
Measures / Weight	500 x 42 x 26 mm / 405 gr												
250 mm													
Power	4,4 W (20 LEDs)				4,8 W (20 LEDs)				6 W (20 LEDs)				
Color temperature	2700K	3000K	4000K	6000K	RGB				RGBW				
					R	G	B	R+G+B	R	G	B	4000K	R+G+B+W
Lumens output	223 lm	236 lm	248 lm	273 lm	30 lm	85 lm	20 lm	135 lm	63 lm	102 lm	15 lm	85 lm	265 lm
Luminaire efficiency	51 lm/W	53 lm/W	56 lm/W	62 lm/W	28 lm/W				44 lm/W				
Measures / Weight	250 x 42 x 26 mm / 280 gr												



Color temperature conform to ANSI C78.377A.
Lumens measurement conform to LM-79-08.
Lumens maintenance conform to LM-80-08.

Temperatura de color según normativa ANSI C78.377A.
Medición lumens según normativa LM-79-08.
Mantenimiento lumens según normativa LM-80-08.

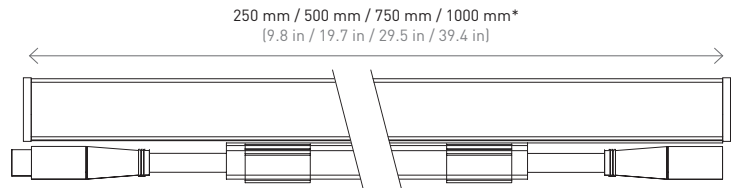
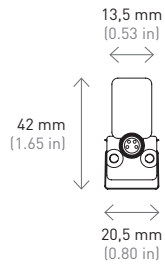
Kabuxia Restaurant,
San Sebastián, Spain

LED FLOOD STRIP® DOTFREE

MEASURES MEDIDAS

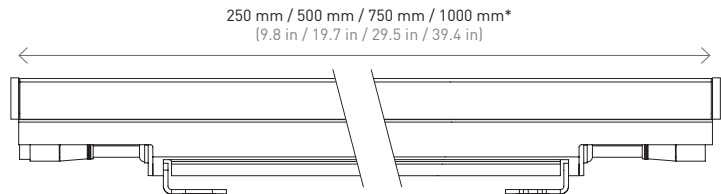
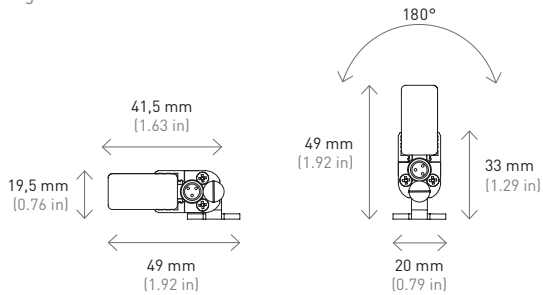
LedFloodStrip® I Dotfree (Not adjustable)

with clip
con clip



LedFloodStrip® II Dotfree (Adjustable)

with swivel base
con base giratoria



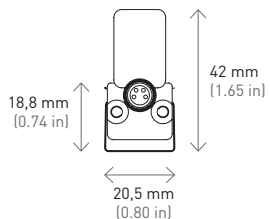
*Measures without end caps. The end cap thickness is 5 mm.

*Medidas sin tapas finales. El grosor de la tapa es de 5 mm.

BRACKETS SOPORTES

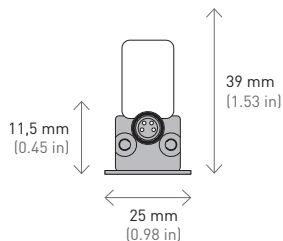
LedFloodStrip® I Dotfree

clip
clip



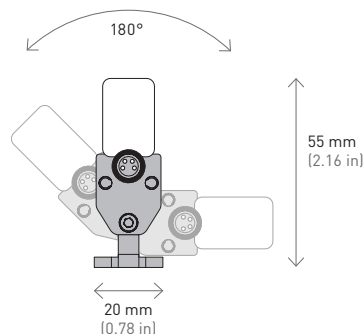
LedFloodStrip® I Dotfree

not adjustable base
base fija



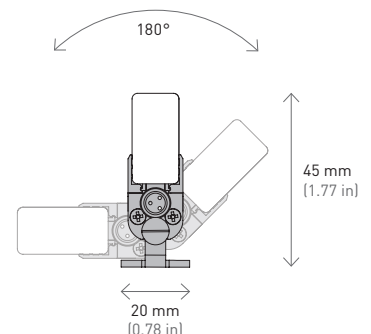
LedFloodStrip® I Dotfree

swivel base
base giratoria



LedFloodStrip® II Dotfree

swivel base
base giratoria



DETAILS DETALLES



LedFloodStrip® I Dotfree with clip.
LedFloodStrip® I Dotfree con clip.



LedFloodStrip® I Dotfree with not adjustable base.
LedFloodStrip® I Dotfree con base fija.



LedFloodStrip® I Dotfree with swivel base.
LedFloodStrip® I Dotfree con base giratoria.



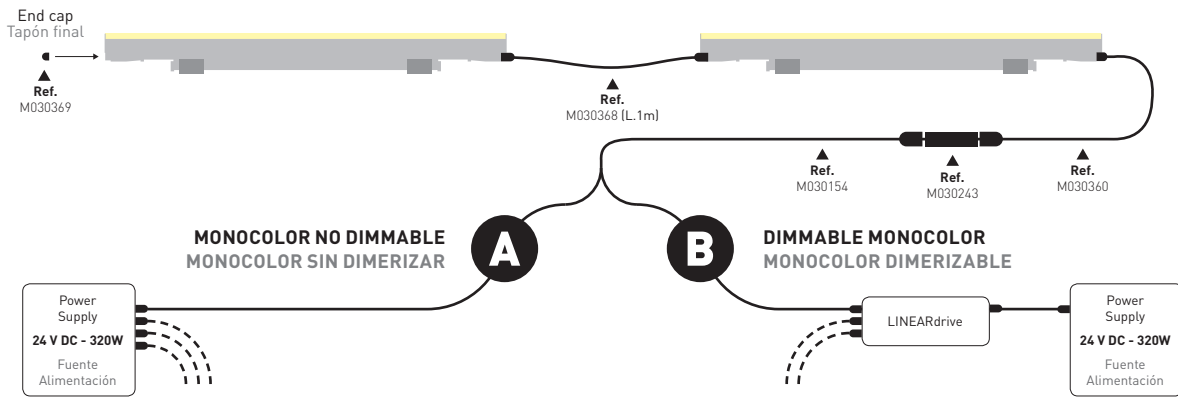
LedFloodStrip® II Dotfree with swivel base.
LedFloodStrip® II Dotfree con base giratoria.



Intersekt Showroom,
New Delhi, India

LED FLOOD STRIP® DOTFREE

MONOCOLOR CONNECTIONS CONEXIONES MONOCOLOR



MONOCOLOR NO DIMMABLE MONOCOLOR SIN DIMERIZAR

A

DIMMABLE MONOCOLOR MONOCOLOR DIMERIZABLE

B

MONOCOLOR NO DIMMABLE MONOCOLOR SIN DIMERIZAR

Below you see the maximum LFS® Dotfree 1000 mm which can be connected in chain and maximum chains' number connected to the PSU 24 V DC - 320W. Maximum 5 m from the power supply to the first LFS® Dotfree 1000 mm.

Ver tabla adjunta para número máximo de LFS® Dotfree 1000 mm conectados en cadena y máximo de cadenas conectadas a fuente de alimentación de 24 V DC - 320W. Máximo 5 m. desde la fuente de alimentación al primer LedFloodStrip® Dotfree 1000 mm.

DIMMABLE with LINEARdrive 720 DIMERIZABLE con LINEARdrive 720

Below you see the maximum LFS® Dotfree 1000 mm which can be connected in chain and maximum chains' number connected to the LINEARdrive 720 (PSU 24 V DC - 320W). Maximum 5 m from the power supply to the first LFS® Dotfree 1000 mm.

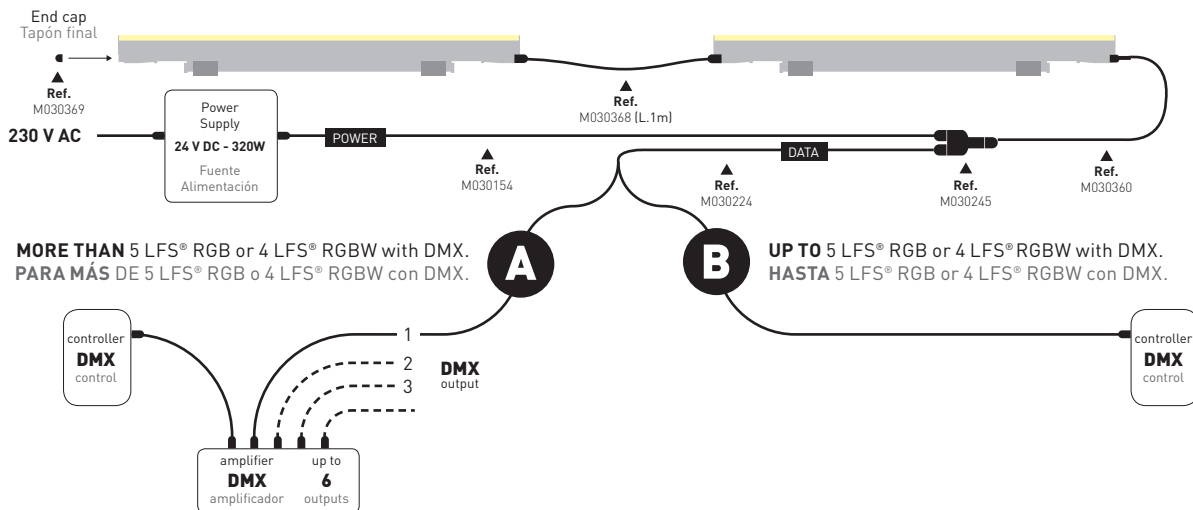
Ver tabla adjunta para número máximo de LFS® Dotfree 1000 mm conectados en cadena y máximo de cadenas conectadas a LINEARdrive 720 (fuente de alimentación de 24 V DC - 320W). Máximo 5 m. desde la fuente de alimentación al primer LFS® Dotfree 1000 mm.

LFS® DOTFREE 1000 mm CONNECTION TABLE. TABLA DE CONEXIONES DE LFS® DOTFREE 1000 mm.

	DOTFREE
Power	17,6 W
Luminaires per chain*	5
Max. chain quantity	3

* Values calculated without considering voltage drop.
Datos calculados sin caída de tensión.

RGB & RGBW FOR DMX CONNECTIONS CONEXIONES DMX PARA RGB Y RGBW



MORE THAN 5 LFS® RGB or 4 LFS® RGBW with DMX. PARA MÁS DE 5 LFS® RGB o 4 LFS® RGBW con DMX.

A

UP TO 5 LFS® RGB or 4 LFS® RGBW with DMX. HASTA 5 LFS® RGB o 4 LFS® RGBW con DMX.

B

MORE THAN 5 LFS® RGB or 4 LFS® RGBW 1000mm with DMX 512-A. PARA MÁS DE 5 LFS® RGB o 4 LFS® RGBW 1000mm con DMX 512-A.

Maximum 5 LFS® RGB or 4 LFS® RGBW 1000mm per DMX output.
Maximum 100 m from controller to the amplifier.
Maximum 100 m from amplifier to last LFS® Dotfree 1000 mm.

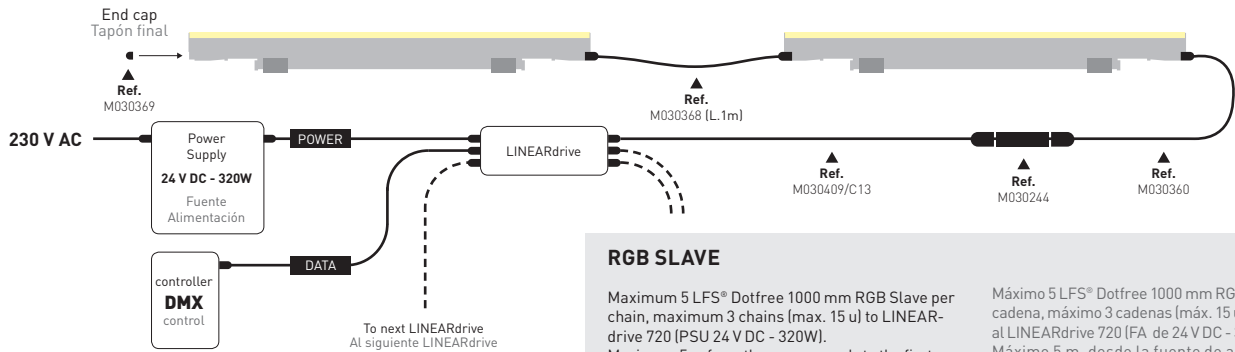
Máximo 5 LFS® RGB o 4 LFS® RGBW por salida DMX.
Máximo 100 m del controlador al amplificador.
Máximo 100 m del amplificador al último LFS® Dotfree 1000 mm.

UP TO 5 LFS® RGB or 4 LFS® RGBW 1000mm with DMX 512-A. HASTA 5 LFS® RGB o 4 LFS® RGBW 1000mm con DMX 512-A.

Maximum 5 LFS® RGB or 4 LFS® RGB 1000mm per DMX controller with PSU 24 V DC 320W.
Maximum 100 m from controller to last LFS® Dotfree 1000 mm.

Máximo 5 LFS® RGB o 4 LFS® RGBW 1000 mm por controlador DMX con fuente de alimentación de 24 V DC - 320W.
Máximo 100 m del controlador al último LFS® Dotfree 1000 mm.

RGB SLAVE CONNECTIONS CONEXIONES RGB SLAVE



RGB SLAVE

Maximum 5 LFS® Dotfree 1000 mm RGB Slave per chain, maximum 3 chains (max. 15 u) to LINEARdrive 720 (PSU 24 V DC - 320W).
Maximum 5 m from the power supply to the first LFS® Dotfree 1000 mm.

Máximo 5 LFS® Dotfree 1000 mm RGB Slave por cadena, máximo 3 cadenas (máx. 15 u) conectadas al LINEARdrive 720 (FA de 24 V DC - 320W).
Máximo 5 m. desde la fuente de alimentación al primer LFS® Dotfree 1000 mm.

REFERENCES REFERENCIAS

74 0 3 0 0 0 /80/2K7

COLOR COLOR

/80/2K7 2700K
/80/3K 3000K
/80/4K 4000K
/80/6K 6000K
/11 RGB
/11-4K RGBW

LENGTH LONGITUD

1	250mm	Monocolor	6	250mm	
2	500mm	RGB	7	500mm	RGB
3	750mm	RGBW	8	750mm	slave
4	1000mm		9	1000mm	

N° LEDs N°LEDs

1 80 LEDs Monocolor
0 80 LEDs RGB | RGBW

VERSION VERSIÓN

0 Monocolor
2 RGB
3 RGBW

TYPE MODELO

1 LedFloodStrip® I Dotfree
3 LedFloodStrip® II Dotfree

OPTIONS LEDFLOODSTRIP® I DOTFREE OPCIONES LEDFLOODSTRIP® I DOTFREE

The LedFloodStrip® I Dotfree standard version is delivered with clips.
La versión estándar LedFloodStrip® I Dotfree se suministra con clips.

BRACKETS SOPORTES

Clip **(Standard)**
Not adjustable base Base fija
Swivel base Base giratoria

ACCESSORIES REFERENCES REFERENCIAS ACCESORIOS



M030360	Power cable 70 cm	Cable alimentación 70 cm	1
M030368	Extension cable 1 m	Cable extensión 1 m	2
M030369	End cap	Tapón final	
	For monocolour installation.	Para instalación monocolor.	
M030243	IP68 "I" connection Ø6-13,5mm Tee Tube (3 poles)	Conexión "I" Ø6-13,5mm IP68 Tee Tube (3 polos)	3
M030154	3 x 1,5 mm² H07RN-F cable (m)	Cable 3 x 1,5 mm² H07RN-F (m)	
	For RGB installation.	Para instalación RGB.	
M030244	IP68 "I" connection Ø6-17mm Tee Tube (5 poles)	Conexión "I" Ø6-17mm IP68 Tee Tube (5 polos)	4
M030245	IP68 "Y" connection Ø6-17mm Tee Tube (5 poles)	Conexión "Y" Ø6-17mm IP68 Tee Tube (5 polos)	5
M030409/C13	5 x 0,75 mm² PUR cable (RGB Slave)	Cable PUR 5 x 0,75 mm² (RGB Slave)	

A'Barra restaurant,
Madrid , Spain





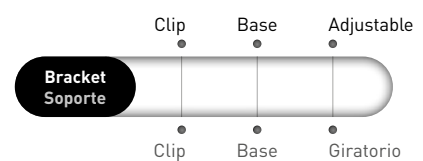
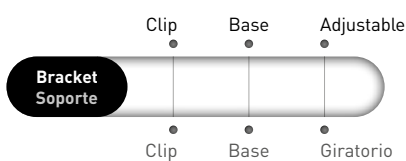
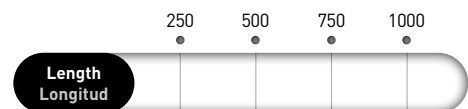
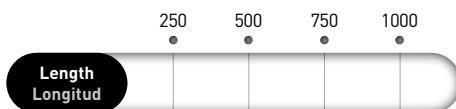
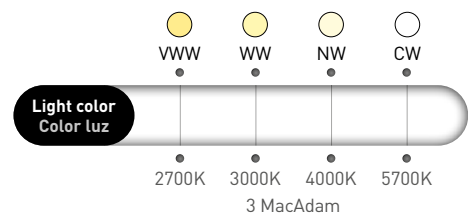
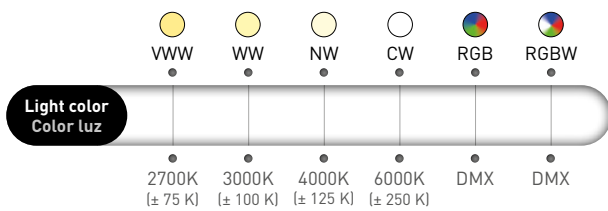
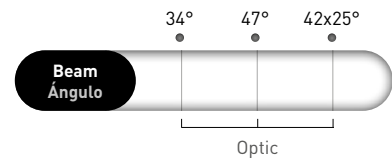
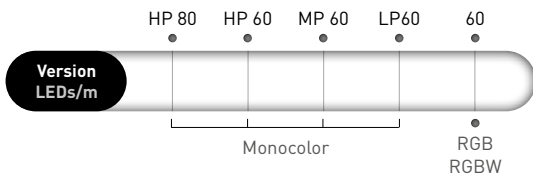
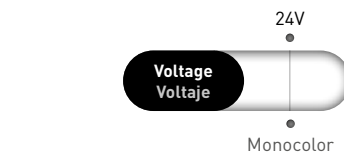
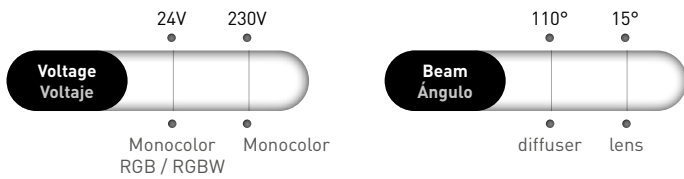
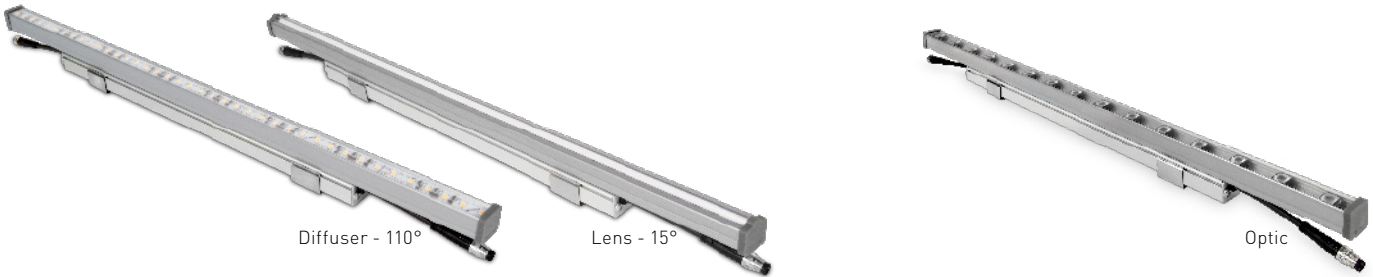
LEDFLOODSTRIP® PLUS



LED FLOOD STRIP® PLUS

230V / 24V

- 24V and 230V (monocolor 110°) types
- 5 beam angles: 15°, 34°, 47°, 42x25° and 110°
- 4 Light colors: 2700K, 3000K, 4000K and 6000K
- Monocolor, RGB and RGBW types
- Not adjustable and adjustable versions
- Anodized aluminium body and PMMA diffuser
- Modelos a 24V y 230V (monocolor 110°)
- 5 ángulos de apertura: 15°, 34°, 47°, 42x25° y 110°
- 4 temperaturas de color: 2700K, 3000K, 4000K y 6000K
- Modelos monocolor, RGB y RGBW
- Versiones fijas y giratorias
- Cuerpo de Aluminio anodizado y difusor de PMMA



The standard version is delivered with clip.
La versión estándar se suministra con clip.

The standard optic version is delivered with 34° beam angle.
La versión estándar con óptica se suministra con un ángulo de apertura de 34°.

SPECIFICATIONS CARACTERÍSTICAS

IP66	230V AC		24V DC		CRI 80		Anodized AL Housing	PMMA Clear	Ta min -20°C -4°F Ta +50°C max +122°F	CE
------	---------	--	--------	--	--------	--	---------------------	------------	--	----

LedFloodStrip® PLUS - Monocolor - 110° - 230V 24V																
1000 mm																
	HP80				HP60				MP60				LP60			
Power	23,2 W (80 LEDs)				17,6 W (60 LEDs)				11,6 W (60 LEDs)				5,8 W (60 LEDs)			
Color temperature	2700K	3000K	4000K	6000K	2700K	3000K	4000K	6000K	2700K	3000K	4000K	6000K	2700K	3000K	4000K	6000K
Lumens output	1820 lm	1835 lm	1890 lm	1950 lm	1369 lm	1382 lm	1410 lm	1464 lm	980 lm	995 lm	1.024 lm	1.070 lm	490 lm	497 lm	512 lm	535 lm
Luminaire efficiency	78 lm/W	79 lm/W	81 lm/W	84 lm/W	78 lm/W	79 lm/W	80 lm/W	83 lm/W	84 lm/W	86 lm/W	88 lm/W	92 lm/W	84 lm/W	86 lm/W	88 lm/W	92 lm/W
Measures / Weight	1000 x 35 x 19 mm / 660 gr															
750 mm																
	HP80				HP60				MP60				LP60			
Power	17,4 W (60 LEDs)				13,2 W (45 LEDs)				8,7 W (45 LEDs)				4,35 W (45 LEDs)			
Color temperature	2700K	3000K	4000K	6000K	2700K	3000K	4000K	6000K	2700K	3000K	4000K	6000K	2700K	3000K	4000K	6000K
Lumens output	1369 lm	1382 lm	1410 lm	1464 lm	1020 lm	1037 lm	1058 lm	1095 lm	730 lm	752 lm	768 lm	802 lm	365 lm	376 lm	384 lm	401 lm
Luminaire efficiency	78 lm/W	79 lm/W	81 lm/W	84 lm/W	77 lm/W	79 lm/W	80 lm/W	83 lm/W	84 lm/W	86 lm/W	88 lm/W	92 lm/W	84 lm/W	86 lm/W	88 lm/W	92 lm/W
Measures / Weight	750 x 35 x 19 mm / 540 gr															
500 mm																
	HP80				HP60				MP60				LP60			
Power	11,6 W (40 LEDs)				8,8 W (30 LEDs)				5,8 W (30 LEDs)				2,9 W (30 LEDs)			
Color temperature	2700K	3000K	4000K	6000K	2700K	3000K	4000K	6000K	2700K	3000K	4000K	6000K	2700K	3000K	4000K	6000K
Lumens output	905 lm	922 lm	940 lm	976 lm	673 lm	681 lm	695 lm	729 lm	444 lm	475 lm	490 lm	520 lm	222 lm	232 lm	245 lm	260 lm
Luminaire efficiency	78 lm/W	79 lm/W	81 lm/W	84 lm/W	76 lm/W	79 lm/W	79 lm/W	83 lm/W	77 lm/W	80 lm/W	84 lm/W	90 lm/W	77 lm/W	80 lm/W	84 lm/W	90 lm/W
Measures / Weight	500 x 35 x 19 mm / 405 gr															
250 mm																
	HP80				HP60				MP60				LP60			
Power	5,8 W (20 LEDs)				4,4 W (15 LEDs)				2,9 W (15 LEDs)				1,45 W (15 LEDs)			
Color temperature	2700K	3000K	4000K	6000K	2700K	3000K	4000K	6000K	2700K	3000K	4000K	6000K	2700K	3000K	4000K	6000K
Lumens output	448 lm	460 lm	470 lm	485 lm	305 lm	321 lm	332 lm	350 lm	202 lm	218 lm	230 lm	250 lm	101 lm	110 lm	115 lm	125 lm
Luminaire efficiency	78 lm/W	79 lm/W	81 lm/W	84 lm/W	69 lm/W	72 lm/W	75 lm/W	80 lm/W	70 lm/W	75 lm/W	79 lm/W	86 lm/W	70 lm/W	76 lm/W	79 lm/W	86 lm/W
Measures / Weight	250 x 35 x 19 mm / 280 gr															

LedFloodStrip® PLUS - RGB & RGBW - 110° - 24V											
	1000 mm		750 mm		500 mm		250 mm				
Power	17,3 W (60 LEDs)		13 W (45 LEDs)		8,7 W (30 LEDs)		4,8 W (15 LEDs)				
Color temperature	RGB		RGBW		RGB		RGBW		RGB	RGBW	
Lumens output	448 lm		884 lm		336 lm		663 lm		112 lm		221 lm
Luminaire efficiency	26 lm/W		51 lm/W		26 lm/W		51 lm/W		25 lm/W		46 lm/W
Measures / Weight	1000 x 35 x 19 mm / 660 gr		750 x 35 x 19 mm / 540 gr		500 x 35 x 19 mm / 405 gr		250 x 35 x 19 mm / 280 gr				

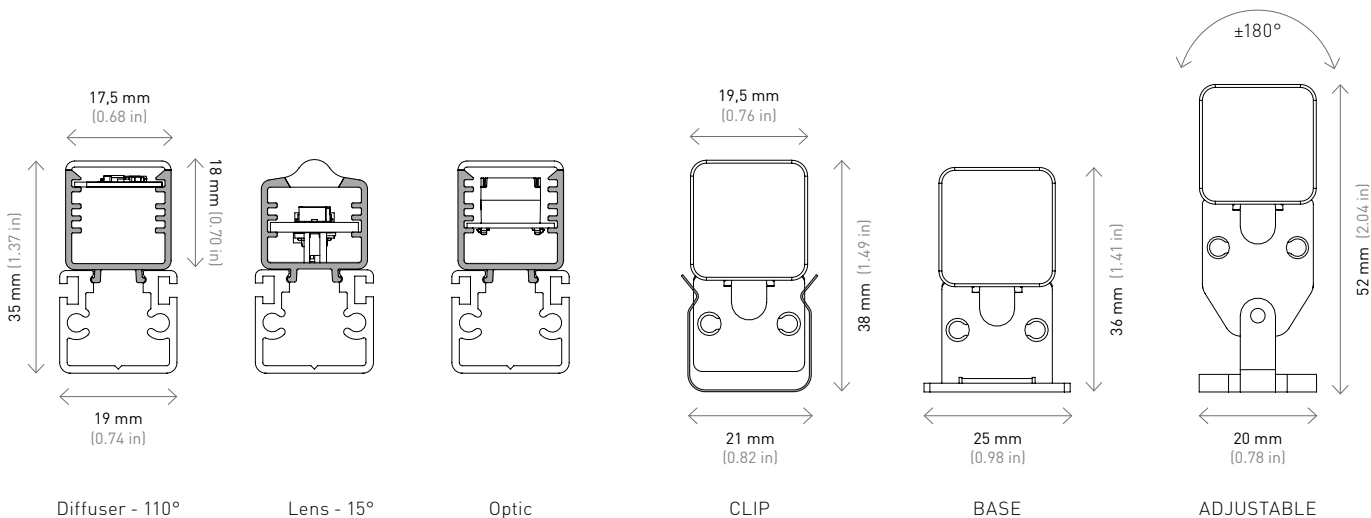
LedFloodStrip® PLUS - Optic - 24V																
	1000 mm				750 mm				500 mm				250 mm			
Power	14 W (28 LEDs)				10,5 W (21 LEDs)				7 W (14 LEDs)				3,5 W (7 LEDs)			
Color temperature	2700K	3000K	4000K	5700K	2700K	3000K	4000K	5700K	2700K	3000K	4000K	5700K	2700K	3000K	4000K	5700K
Lumens output 34°	1363 lm	1385 lm	1497 lm	1452 lm	1021 lm	1038 lm	1122 lm	1089 lm	681 lm	692 lm	748 lm	726 lm	340 lm	346 lm	374 lm	363 lm
Lumens output 47°	1412 lm	1335 lm	1550 lm	1504 lm	1059 lm	1000 lm	1162 lm	1128 lm	706 lm	667 lm	775 lm	752 lm	353 lm	333 lm	387 lm	376 lm
Lumens output 42x25°	1298 lm	1319 lm	1426 lm	1383 lm	973 lm	988 lm	1069 lm	1036 lm	649 lm	659 lm	713 lm	691 lm	324 lm	329 lm	356 lm	345 lm
Luminaire efficiency	92 lm/W	95 lm/W	110 lm/W	107 lm/W	92 lm/W	95 lm/W	110 lm/W	107 lm/W	92 lm/W	95 lm/W	110 lm/W	107 lm/W	92 lm/W	95 lm/W	110 lm/W	107 lm/W
Measures / Weight	1000 x 35 x 19 mm / 660 gr				750 x 35 x 19 mm / 540 gr				500 x 35 x 19 mm / 405 gr				250 x 35 x 19 mm / 280 gr			

Color temperature conform to ANSI C78.377A.
Lumens measurement conform to LM-79-08.
Lumens maintenance conform to LM-80-08.

Temperatura de color según normativa ANSI C78.377A.
Medición lumens según normativa LM-79-08.
Mantenimiento lumens según normativa LM-80-08.

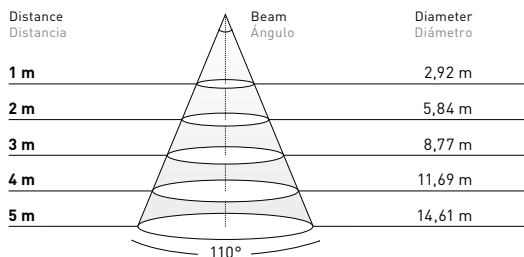
LED FLOOD STRIP® PLUS

MEASURES MEDIDAS

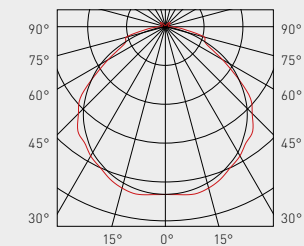


LIGHT DISTRIBUTION CURVES FOTOMETRIAS

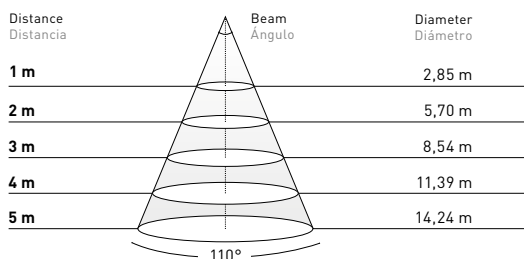
LedFloodStrip® Plus RGB 1 m 110°



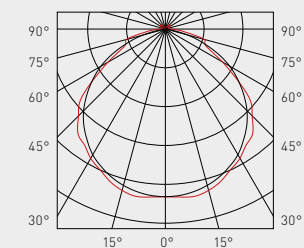
RGB	
90°	38 lux
75°	9 lux
60°	4 lux
45°	2 lux
30°	2 lux



LedFloodStrip® Plus HP 80 1 m 110°



2700K	3000K	4000K	6000K
VERY WARM WHITE BLANCO MUY CÁLIDO	WARM WHITE BLANCO CÁLIDO	NEUTRAL WHITE BLANCO NEUTRO	COOL WHITE BLANCO FRÍO
153 lux	156 lux	160 lux	165 lux
38 lux	39 lux	40 lux	41 lux
17 lux	17 lux	18 lux	19 lux
10 lux	10 lux	10 lux	10 lux
6 lux	6 lux	6 lux	7 lux



Data calculated with LedFloodStrip® Plus (1000 mm - diffuser 110°).
Lumen measurement complies with UNE-EN 13032 / IES LM-79-08 testing procedures.
Light distribution curves are available at www.grupo-mci.com.
Due to continuous improvements and innovations, specifications may change without notice.

Datos calculados con LedFloodStrip® Plus (1000 mm - difusor 110°).
Ensayado bajo las especificaciones de la norma UNE-EN 13032 / IES LM-79-08.
Fotometrías disponibles en www.grupo-mci.com.
Debido a las continuas mejoras e innovaciones, las especificaciones pueden cambiar sin previo aviso.

DETAILS DETALLES



Diffuser 110°.
Difusor 110°.



Lens 15°.
Lente 15°.



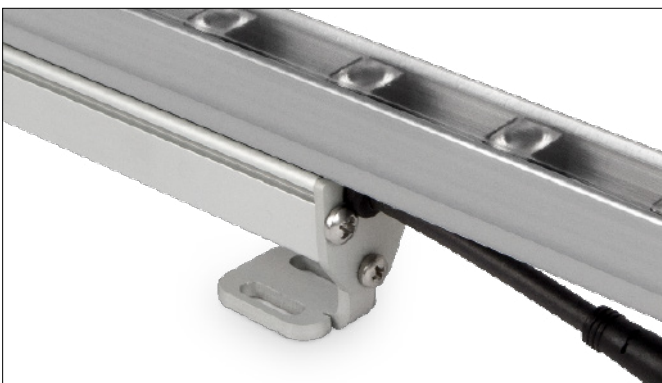
Optic.
Óptica.



Clip.
Clip.



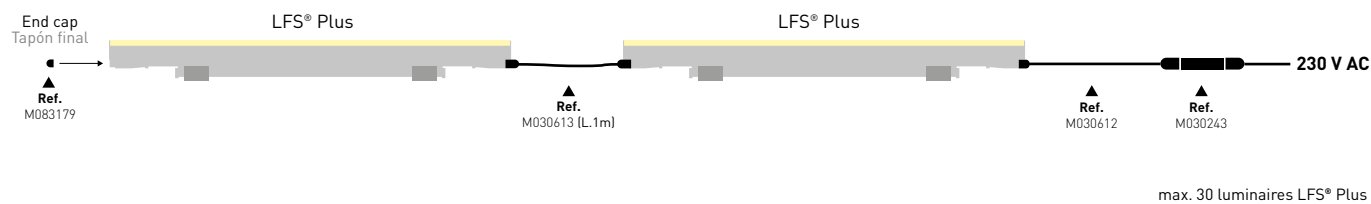
Not adjustable base.
Base no ajustable.



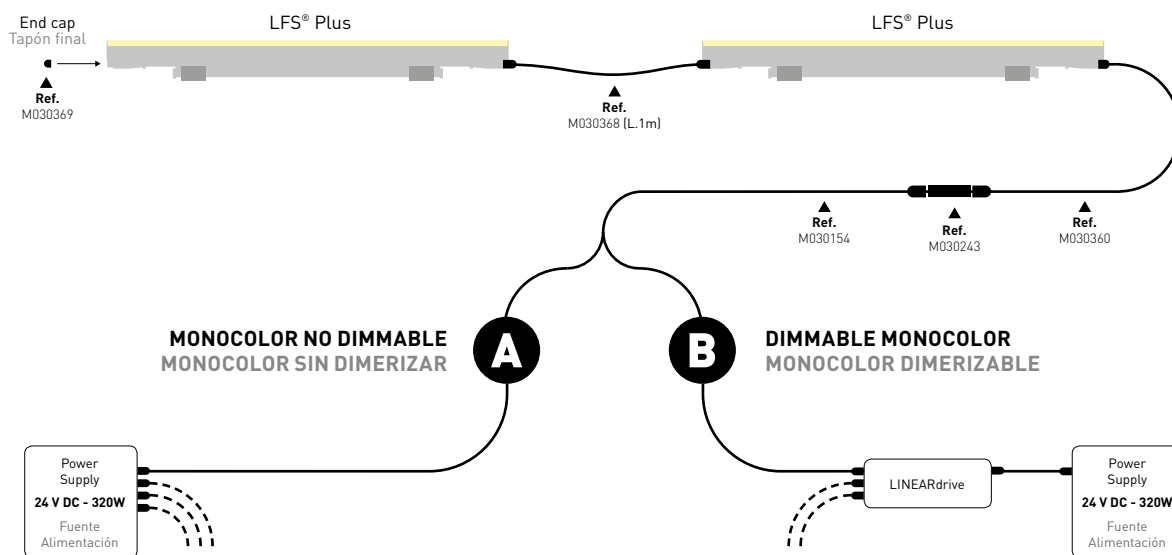
Swivel base.
Base giratoria.

LED FLOOD STRIP® PLUS

230V ON-OFF MONOCOLOR CONNECTIONS CONEXIONES MONOCOLOR ON-OFF 230V



24V MONOCOLOR CONNECTIONS CONEXIONES MONOCOLOR 24V



A

MONOCOLOR NO DIMMABLE MONOCOLOR SIN DIMERIZAR

Below you see the maximum LFS® Plus 1000 mm which can be connected in chain and maximum chains' number connected to the PSU 24 V DC - 320W. Maximum 5 m from the power supply to the first LFS® Plus 1000 mm.

Ver tabla adjunta para número máximo de LFS® Plus 1000 mm conectados en cadena y máximo de cadenas conectadas a fuente de alimentación de 24 V DC - 320W. Máximo 5 m. desde la fuente de alimentación al primer LFS® Plus 1000 mm.

B

DIMMABLE with LINEARdrive 720 DIMERIZABLE con LINEARdrive 720

Below you see the maximum LFS® Plus 1000 mm which can be connected in chain and maximum chains' number connected to the LINEARdrive 720 (PSU 24 V DC - 320W). Maximum 5 m from the power supply to the first LFS® Plus 1000 mm.

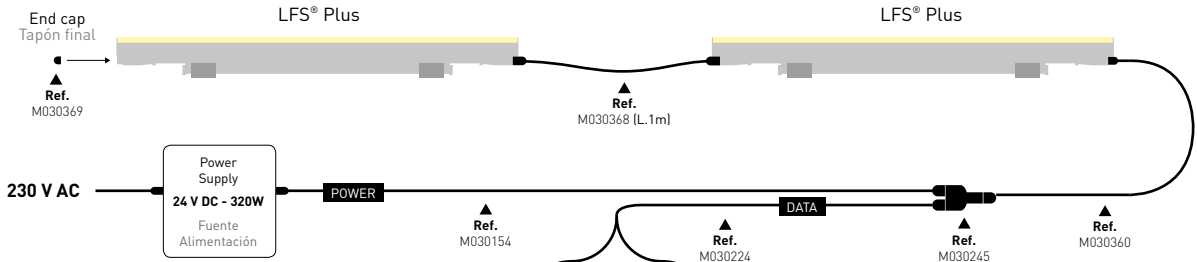
Ver tabla adjunta para número máximo de LFS® Plus 1000 mm conectados en cadena y máximo de cadenas conectadas a LINEARdrive 720 (fuente de alimentación de 24 V DC - 320W). Máximo 5 m. desde la fuente de alimentación al primer LFS® Plus 1000 mm.

LED FLOOD STRIP® PLUS 1000 mm CONNECTION TABLE. TABLA DE CONEXIONES DE LED FLOOD STRIP® PLUS 1000 mm.

	HP 80	HP 60	MP 60	LP 60
Power	23,2 W	17,6 W	11,6 W	5,8 W
Luminaires per chain*	5	5	8	10
Max. chain quantity	2	3	3	5

* Values calculated without considering voltage drop. Datos calculados sin caída de tensión.

RGB & RGBW FOR DMX CONNECTIONS
CONEXIONES DMX PARA RGB Y RGBW



MORE THAN 5 LFS® PLUS RGB or 4 LFS® PLUS RGBW with DMX.
PARA MÁS DE 5 LFS® PLUS RGB o 4 LFS® PLUS RGBW con DMX.



UP TO 5 LFS® PLUS RGB or 4 LFS® PLUS RGBW with DMX.
HASTA 5 LFS® PLUS RGB o 4 LFS® PLUS RGBW con DMX.



MORE THAN 5 LFS® PLUS RGB or 4 LFS® PLUS RGBW 1000mm with DMX 512-A.
PARA MÁS DE 5 LFS® PLUS RGB o 4 LFS® PLUS RGBW 1000mm con DMX 512-A.

Maximum 5 LFS® Plus RGB or 4 LFS® Plus RGBW 1000mm per DMX output.
 Maximum 100 m from controller to the amplifier.
 Maximum 100 m from amplifier to last LFS® Plus 1000 mm.

Máximo 5 LFS® Plus RGB o 4 LFS® Plus RGBW por salida DMX.
 Máximo 100 m del controlador al amplificador.
 Máximo 100 m del amplificador al último LFS® Plus 1000 mm.

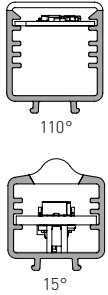


UP TO 5 LFS® PLUS RGB or 4 LFS® PLUS RGBW 1000mm with DMX 512-A.
HASTA 5 LFS® PLUS RGB o 4 LFS® PLUS RGBW 1000mm con DMX 512-A.

Maximum 5 LFS® Plus RGB or 4 LFS® Plus RGB 1000mm per DMX controller with PSU 24 V DC 320W.
 Maximum 100 m from controller to last LFS® Plus 1000 mm.

Máximo 5 LFS® Plus RGB o 4 LFS® Plus RGBW 1000 mm por controlador DMX con fuente de alimentación de 24 V DC - 320W.
 Máximo 100 m del controlador al último LFS® Plus 1000 mm.

REFERENCES REFERENCIAS



LedFloodStrip® Plus 24V
Diffuser 110° | Lens 15°

741 0 0 0 0 /80/2K7

COLOR COLOR

/80/2K7 2700K
/80/3K 3000K
/80/4K 4000K
/80/6K 6000K
/11 RGB
/11-4K RGBW

LENGTH LONGITUD

1 250mm
2 500mm
3 750mm
4 1000mm

VERSION VERSIÓN

0 HP80
3 HP60
4 MP60
5 LP60
3 60 LEDs | RGB/RGBW

Monocolor

VERSION VERSIÓN

0 Monocolor
2 RGB
3 RGBW

TYPE MODELO

1 Diffuser 110° Difusor 110°
2 Lens 15° Lente 15°

LedFloodStrip® Plus 230V
Diffuser 110° | Lens 15°

742 0 0 0 0 /80/2K7

COLOR COLOR

/80/2K7 2700K
/80/3K 3000K
/80/4K 4000K
/80/6K 6000K

LENGTH LONGITUD

1 250mm
2 500mm
3 750mm
4 1000mm

VERSION VERSIÓN

0 HP80
3 HP60
4 MP60
5 LP60

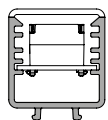
Monocolor

VERSION VERSIÓN

0 Monocolor

TYPE MODELO

1 Diffuser 110° Difusor 110°
2 Lens 15° Lente 15°



LedFloodStrip® Plus 24V
Optic

741 1 1 0 0 /80/2K7

COLOR COLOR

/80/2K7 2700K
/80/3K 3000K
/80/4K 4000K
/80/5K7 5700K

LENGTH LONGITUD

1 250mm
2 500mm
3 750mm
4 1000mm

VERSION VERSIÓN

0 28 LEDs

VERSION VERSIÓN

1 Monocolor

TYPE MODELO

1 Optic Óptica

OPTIONS (diffuser 110° | lens 15° | optic)

OPCIONES (difusor 110° | lente 15° | óptica)

The standard version is delivered with clip.
La versión estándar se suministra con clip.

OPTIONS (optic)

OPCIONES (óptica)

The standard optic version is delivered with 34° beam angle.
La versión estándar con óptica se suministra con un ángulo de apertura de 34°.

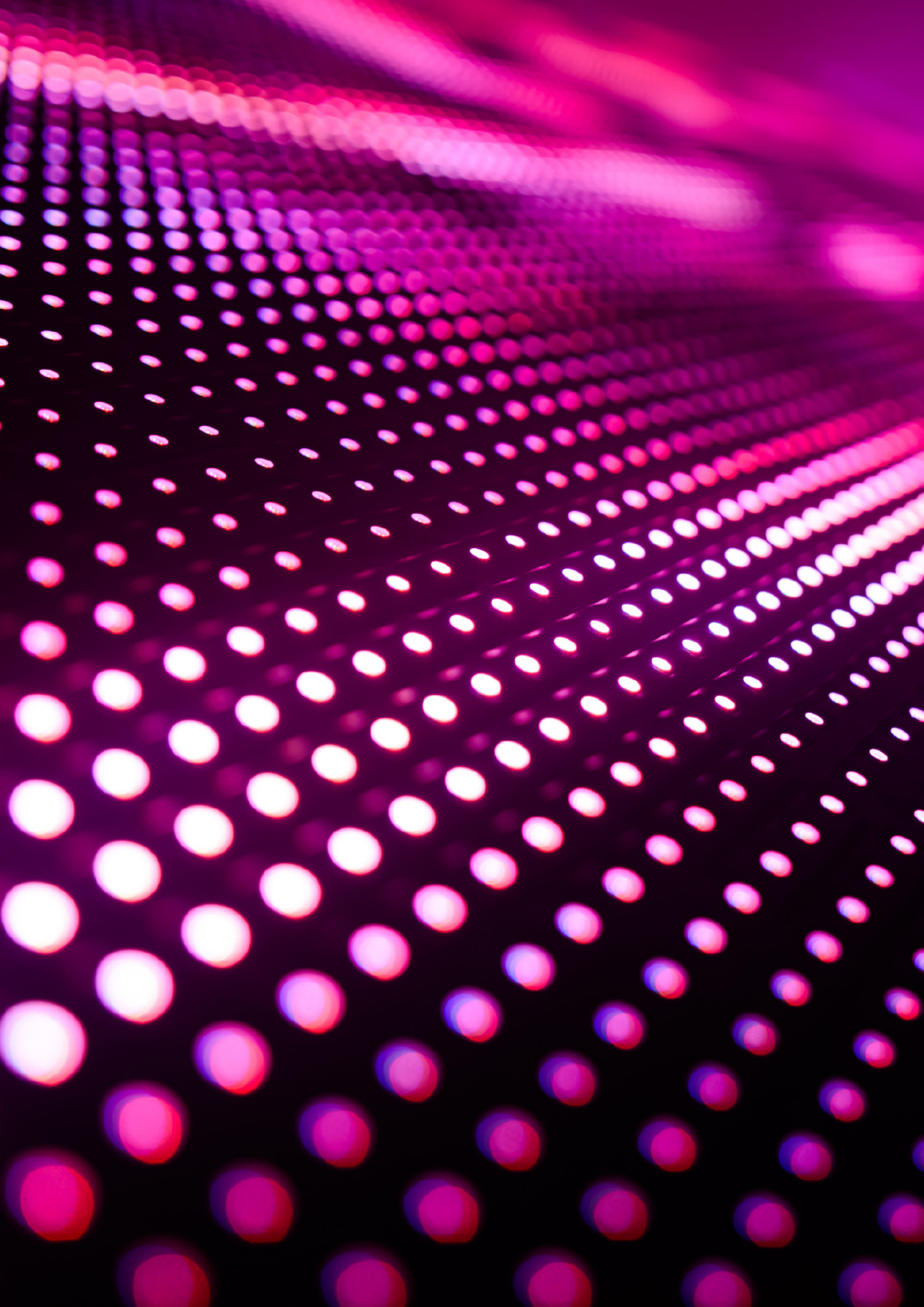
BEAM ÁNGULO

34° (Standard)
47°
42x25°

ACCESSORIES REFERENCES REFERENCIAS ACCESORIOS



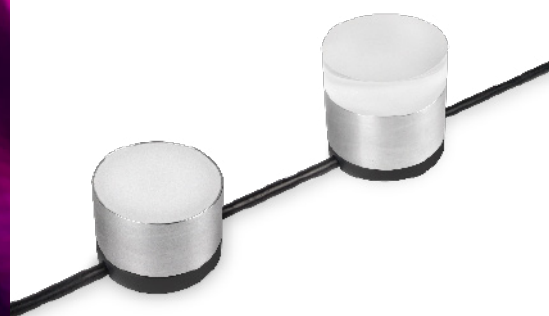
	230V monocolor	Monocolor 230V	
M030612	Power cable 2 poles, 2 m	Cable alimentación 2 polos, 2 m	
M030613	Extension cable 2 poles, 1 m	Cable extensión 2 polos, 1 m	
M083179	IP68 end cap 2 poles	Tapón final IP68	
	For monocolor installation 230V	Para instalación monocolor 230V	
M083177	IP68 connector (2 poles-male)	Conector IP68 400V (2 polos-macho)	
M083178	IP68 connector (2 poles-female)	Conector IP68 400V (2 polos-hembra)	
M030422/C13	2x1 cable (m)	Cable 2x1 (m)	
	24V monocolor, RGB & RGBW	Monocolor, RGB y RGBW 24V	
M030360	Power cable 70 cm	Cable alimentación 70 cm	1
M030368	Extension cable 1 m	Cable extensión 1 m	2
M030369	End cap	Tapón final	
	For monocolor installation 24V	Para instalación monocolor 24V	
M030243	IP68 "I" connection Ø6-13,5mm Tee Tube (3 poles)	Conexión "I" Ø6-13,5mm IP68 Tee Tube (3 polos)	3
M030154	3 x 1,5 mm ² H07RN-F cable (m)	Cable 3 x 1,5 mm ² H07RN-F (m)	
	For RGB & RGBW installation 24V	Para instalación RGB y RGBW 24V	
M030244	IP68 "I" connection Ø6-17mm Tee Tube (5 poles)	Conexión "I" Ø6-13,5mm IP68 Tee Tube (5 polos)	4
M030245	IP68 "Y" connection Ø6-17mm Tee Tube (5 poles)	Conexión "Y" Ø6-17mm IP68 Tee Tube (5 polos)	5
M030409/C13	5 x 0,75 mm ² PUR cable (RGB Slave)	Cable PUR 5 x 0,75 mm ² (RGB Slave)	



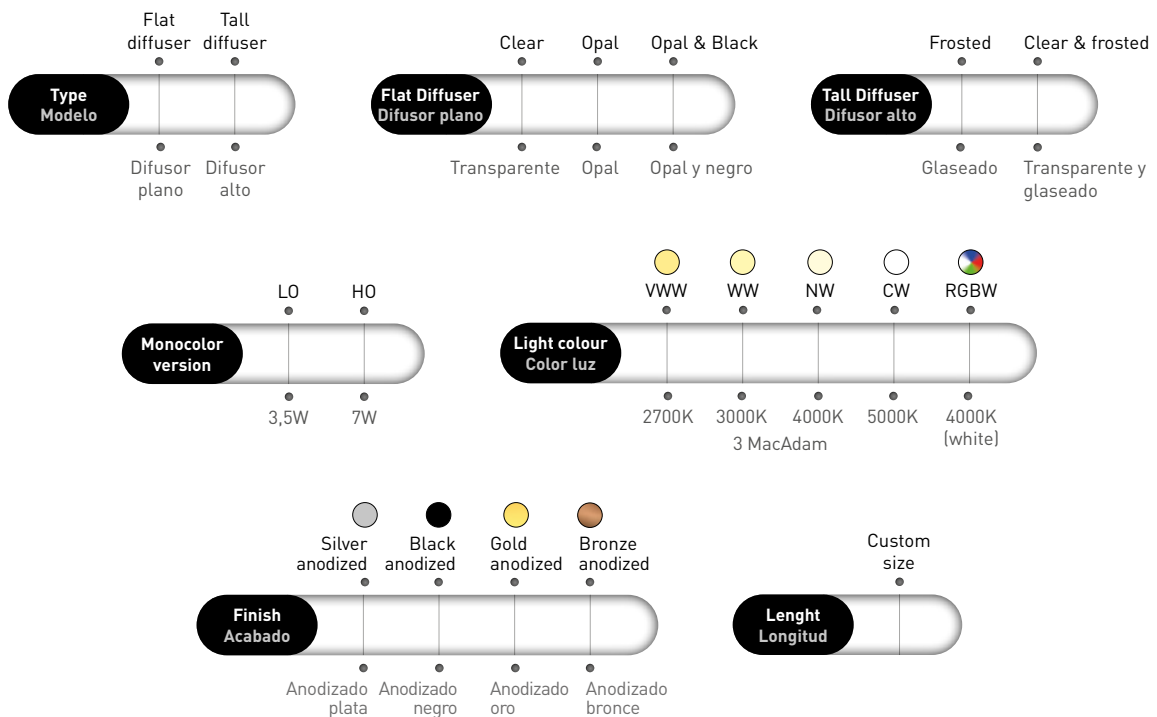


SMART DOT®

Design by LDC



- Customizable pixel for media applications
 - Plug&Play at its finest
 - Surface luminaires suitable for indoor and in outdoor use
 - Daisy chain up to 32 Dots
 - Tall or flat diffuser types
 - Different daytime appearances due to several diffuser's finishes
 - High output (HO) and low output (LO) versions
 - DMX-RDM control (Remote device management)
 - Up to 500 lumens output in Ø60x30mm
 - Versatility for the cable's input-output
- Pixel personalizable para aplicaciones interactivas
 - Plug&Play en su máxima expresión
 - Luminarias de superficie aptas para uso exterior e interior
 - Conexiones en cadena hasta 32 Dots
 - Modelos con difusor plano y alto
 - Los distintos difusores proporcionan varias apariencias durante el día
 - Versiones high output (HO) y low output (LO)
 - DMX-RDM control (Remote device management)
 - Hasta 500 lumens en Ø60x30mm
 - Versatilidad total para la entrada-salida de los cables



The standard version for flat diffuser is opal and for tall diffuser is frosted.
La versión estándar con difusor plano es opal y con difusor alto es glaseado.

Due to some differences in the diffusers finishes, the color temperatures could change slightly.
Debido a los diferentes acabados de los difusores las temperaturas del color pueden cambiar ligeramente.

SPECIFICATIONS
CARACTERÍSTICAS

IP66	IK08	DMX RDM	48V DC		CRI 80	Anodized AL Housing	PMMA Diffuser	UV resistant	Ta min -20°C -4°F Ta max +50°C +122°F	
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Smart Dot® Flat													
Dot Power	Monocolor								RGBW				
	3,5W (LO)				7W (HO)				4W				
Color temperatures	2700K	3000K	4000K	5000K	2700K	3000K	4000K	5000K	Red	Green	Blue	4000K	R+G+B+W
Lumens output (Clear)	207 lm	218 lm	230 lm	230 lm	414 lm	436 lm	460 lm	460 lm	45 lm	72 lm	11 lm	59 lm	163 lm
Lumens output (Opal)	145 lm	153 lm	161 lm	161 lm	290 lm	305 lm	322 lm	322 lm	32 lm	51 lm	8 lm	42 lm	115 lm
Luminaire efficiency	59 lm/W	62 lm/W	66 lm/W	66 lm/W	59 lm/W	62 lm/W	66 lm/W	66 lm/W	41 lm/W				
Measures / Weight	Ø 60 x 42 mm 215 gr												

Smart Dot® Tall													
Dot Power	Monocolor								RGBW				
	3,5W (LO)				7W (HO)				4W				
Color temperatures	2700K	3000K	4000K	5000K	2700K	3000K	4000K	5000K	Red	Green	Blue	4000K	R+G+B+W
Lumens output (Frosted)	153 lm	162 lm	170 lm	170 lm	306 lm	324 lm	340 lm	340 lm	24 lm	38 lm	6 lm	32 lm	85 lm
Lumens output (Clear Frosted)	194 lm	205 lm	216 lm	216 lm	388 lm	410 lm	432 lm	432 lm	30 lm	48 lm	8 lm	40 lm	108 lm
Luminaire efficiency	55 lm/W	58 lm/W	61 lm/W	61 lm/W	55 lm/W	58 lm/W	61 lm/W	61 lm/W	27 lm/W				
Measures / Weight	Ø 60 x 62 mm 280 gr												

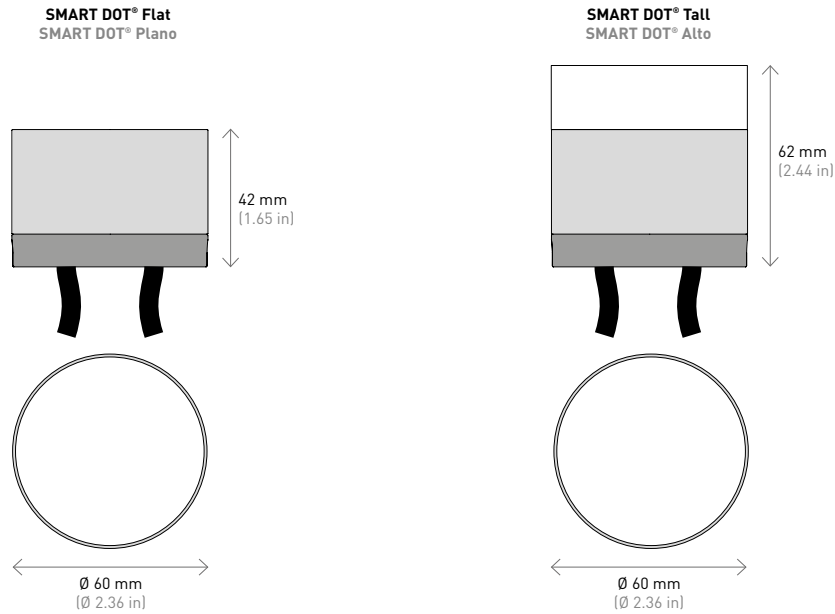


Color temperature conform to **ANSI C78.377A**.
Lumens measurement conform to **LM-79-08**.
Lumens maintenance conform to **LM-80-08**.

Temperatura de color según normativa **ANSI C78.377A**.
Medición lumens según normativa **LM-79-08**.
Mantenimiento lumens según normativa **LM-80-08**.

The Avenues Prestige Shopping Mall,
Kuwait

MEASURES MEDIDAS

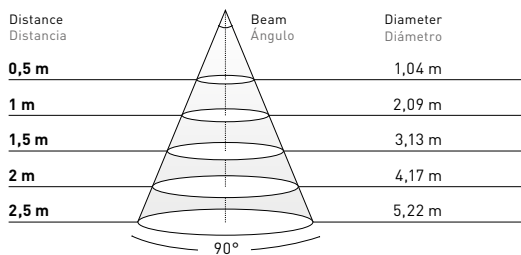


LIGHT DISTRIBUTION CURVES FOTOMETRÍAS

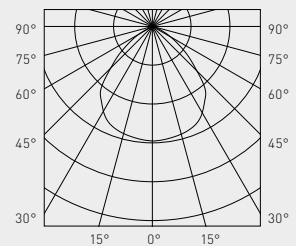
Smart Dot® RGBW Flat

4W **Clear**

RGBW



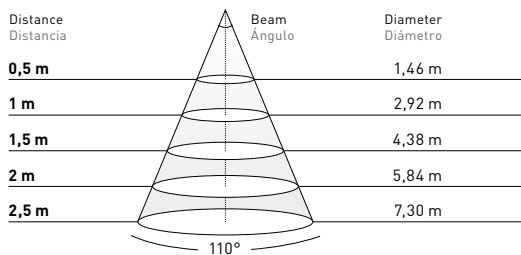
315 lux
79 lux
35 lux
20 lux
13 lux



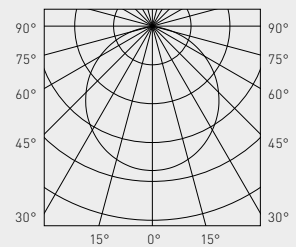
Smart Dot® RGBW Flat

4W **Opal**

RGBW



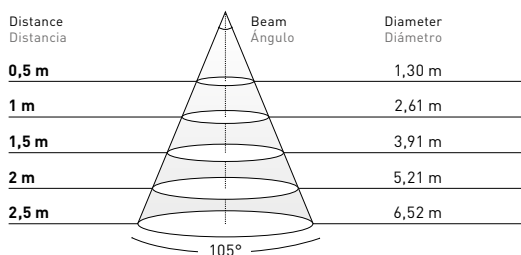
166 lux
42 lux
18 lux
10 lux
7 lux



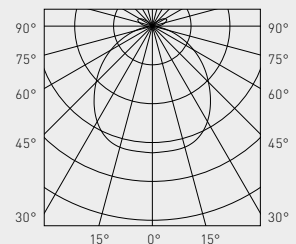
Smart Dot® RGBW Tall

4W **Clear&frosted**

RGBW



138 lux
34 lux
15 lux
9 lux
6 lux



Lumen measurement complies with **UNE-EN 00000 / IES LM-00-00** testing procedures.
Light distribution curves are available at www.grupo-mci.com.
Due to continuous improvements and innovations, specifications may change without notice.

Ensayado bajo las especificaciones de la norma **UNE-EN 00000 / IES LM-00-00**.
Fotometrías disponibles en www.grupo-mci.com.
Debido a las continuas mejoras e innovaciones, las especificaciones pueden cambiar sin previo aviso.

DETAILS
DETALLES



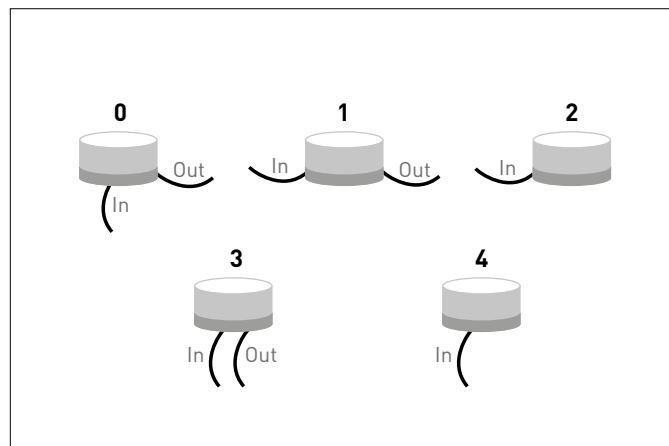
Opal flat diffuser.
Difusor plano Opal.



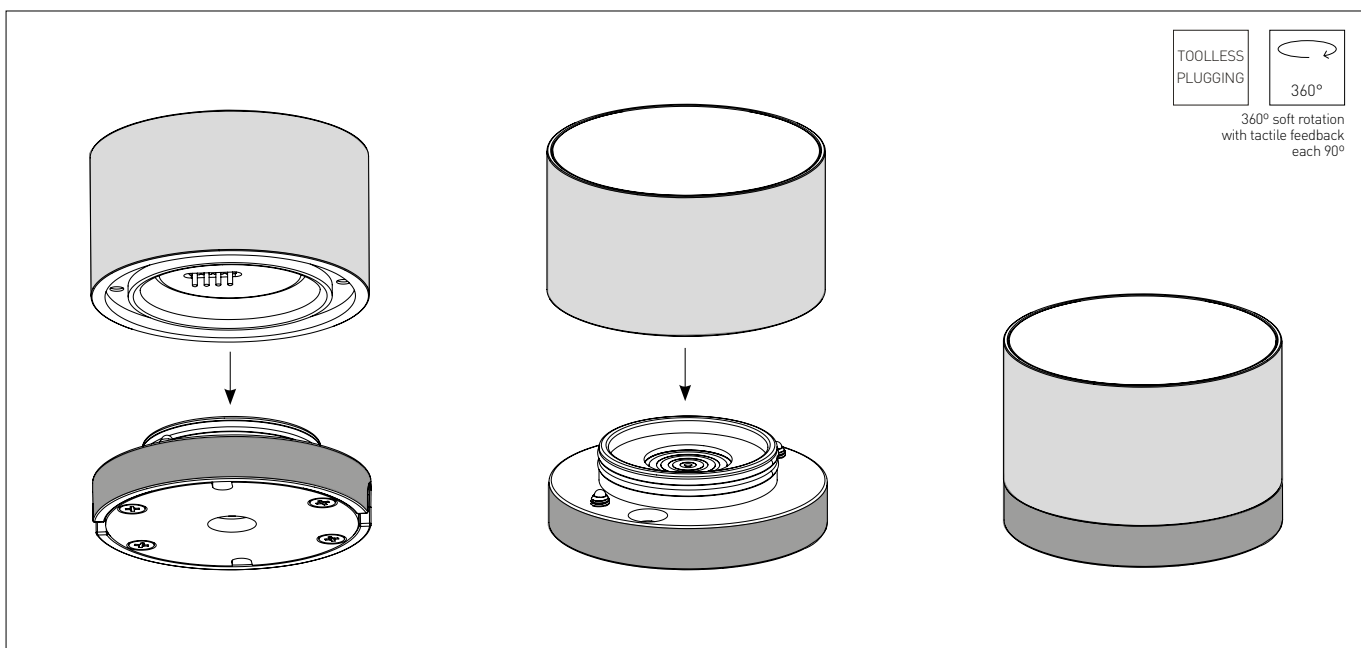
Clear & frosted tall diffuser.
Difusor alto transparente y glaseado.



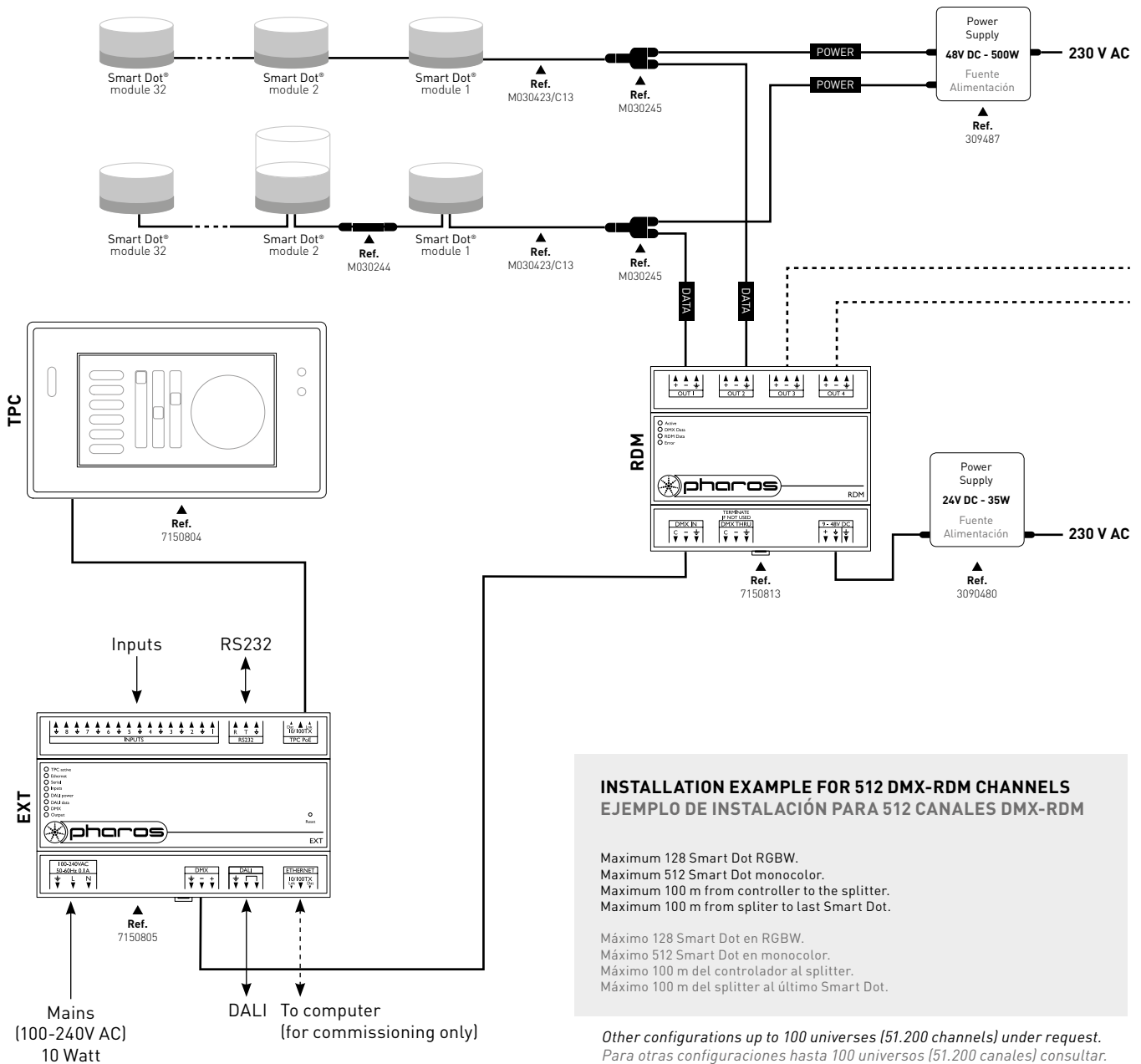
Easy installation and replacement of the Dots thanks to the toolless plugging.
Fácil instalación y remplazo de los Dots gracias al montaje sin herramientas.



Versatility for the cable's input-output.
Versatilidad total para la entrada-salida de los cables.



CONNECTIONS
CONEXIONES



CONTROLLERS REFERENCES
REFERENCIAS CONTROLADORES



7150804	Touch panel controller (TPC) black&nickel (512 channels eDMX)	Controlador panel táctil (TPC) negro&níquel (512 canales eDMX)	1
7150805	Extension for TPC connectivity (DMX, DALI, IO, serial, mains-powered)	Extensión para conectividad TPC (DMX, DALI, IO, serie, alimentación de red)	2
7150813	DMX/RDM Splitter (4 outputs, 1 input, 1 thru)	Splitter DMX/RDM (4 salidas, 1 entrada, 1 a través)	3

REFERENCES
REFERENCIAS

Smart Dot® Base

7133 0 2 0

VERSION VERSIÓN

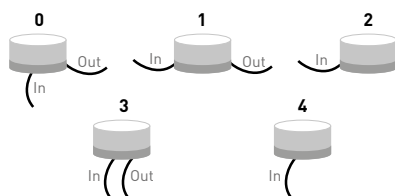
- 0 Back cable IN / Side OUT
- 1 Side cable IN / OUT
- 2 Side cable IN
- 3 Back cable IN/ OUT
- 4 Back cable IN

FINISHES ACABADOS

- 2 Black anodized Anodizado negro

TYPE MODELO

- 0 Base*



* Cable not included (ref. M030423/C13)
Cable no incluido. (ref. M030423/C13)

Smart Dot®

7133 0 0 0 /80/2K7

COLOUR COLOR

- /80/2K7 2700K
- /80/3K 3000K
- /80/4K 4000K
- /80/5K 5000K
- /11-4K RGBW (4000K)

DIFFUSER DIFUSOR

- 0 Flat Plano
- 1 Tall Alto

FINISHES ACABADOS

- 0 Silver Plata
 - 1 Gold Oro
 - 2 Black Negro
 - 5 Bronze Bronce
- Anodized
Anodizado

TYPE MODELO

- 1 LO (Low Output) Monocolor | RGBW
- 5 HO (High Output) Monocolor

OPTIONS
OPCIONES

The standard version for flat diffuser is opal and for tall diffuser is frosted.
La versión estándar con difusor plano es opal y con difusor alto es glaseado.

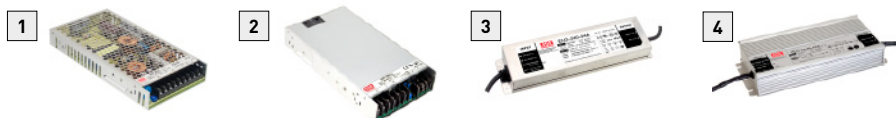
FLAT DIFFUSER

- Clear
- Opal **(Standard)**
- Opal & Black

TALL DIFFUSER

- Frosted **(Standard)**
- Clear & Frosted

POWER SUPPLY REFERENCES
REFERENCIAS FUENTES DE ALIMENTACIÓN



Power supply (IP20)		Fuentes de alimentación (IP20)		
3090486	IP20 Power Supply 200W 48V DC 1 chain of 32 dots	Fuente Alimentación 200W 48V DC IP20 1 cadena de 32 dots		1
3090487	IP20 Power Supply 500W 48V DC 2 chain of 32 dots	Fuente Alimentación 500W 48V DC IP20 2 cadenas de 32 dots		2
Power supply (IP67)		Fuentes de alimentación (IP67)		
3090553	IP67 Power Supply 240W 48V DC 1 chain of 32 dots	Fuente Alimentación 240W 48V DC IP67 1 cadena de 32 dots		3
3090554	IP67 Power Supply 480W 48V DC 2 chain of 32 dots	Fuente Alimentación 480W 48V DC IP67 2 cadenas de 32 dots		4

ACCESSORIES REFERENCES
REFERENCIAS ACCESORIOS



M030423/C13	7x0,75 cable (m)	Cable 7x0,75 (m)		
M050582	Cable clamp	Abrazadera para cable		1
M030244	IP68 "I" connection Ø6-17mm Tee Tube (5 poles)	Conexión "I" Ø6-13,5mm IP68 Tee Tube (5 polos)		2
M030245	IP68 "Y" connection Ø6-17mm Tee Tube (5 poles)	Conexión "Y" Ø6-17mm IP68 Tee Tube (5 polos)		3
M030154	3 x 1,5 mm² H07RN-F cable (m)	Cable 3 x 1,5 mm² H07RN-F (m)		
M030224	BELDEN 3105A cable (m)	Cable BELDEN 3105A (m)		
7150203	DMX Addresser Setup	DMX Addresser Setup		4

Førde Town Hall,
Norway



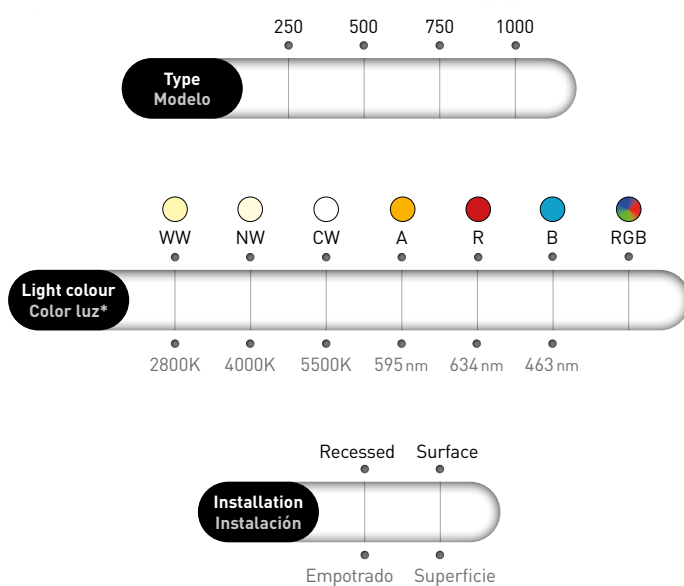


SLIM GROUND LINER®



SLIM GROUND LINER®

- Continuous light for paths and squares
 - Homogenous light without visible dots
 - Linear rigid body
 - Protection class IP67
 - Dimmable
 - Small dimensions
 - Easy serial connection
- Luz continua para calles y plazas
 - Luz lineal uniforme sin puntos
 - Cuerpo lineal rígido
 - Grado de protección IP67
 - Regulable
 - Dimensiones reducidas
 - Fácil conexión en serie



* Due to tolerances of the production process the color temperatures could change slightly.
Debido a las tolerancias del proceso de producción las temperaturas del color pueden cambiar ligeramente.

SPECIFICATIONS
CARACTERÍSTICAS

IP67	IK09	24V DC			CRI 80	AL Housing	PMMA Cover	<table border="1"> <tr> <td>Ta min</td> <td>-20°C</td> </tr> <tr> <td></td> <td>-4°F</td> </tr> <tr> <td>Ta max</td> <td>+50°C</td> </tr> <tr> <td></td> <td>+122°F</td> </tr> </table>	Ta min	-20°C		-4°F	Ta max	+50°C		+122°F	CE
Ta min	-20°C																
	-4°F																
Ta max	+50°C																
	+122°F																

Slim Ground Liner® 1000							
[with recessed box]							
Measures	25 x 72 x 1000 mm						
Weight	2,1 kg						
Color temperatures	2800K	4000K	5500K	Amber	Red	Blue	RGB
Power	11,6 W	11,6 W	11,6 W	5,8 W	5,8 W	11,6 W	22 W
Lumens output	253 lm	270 lm	310 lm	63 lm	32 lm	28 lm	275 lm
Nº LEDs	120 LEDs	120 LEDs	120 LEDs	120 LEDs	120 LEDs	120 LEDs	90 LEDs
Luminaire efficiency	32 lm/W	34 lm/W	39 lm/W	11 lm/W	6 lm/W	4 lm/W	13 lm/W

Other types on next page >>>
Otros modelos en página siguiente >>>



Color temperature conform to **ANSI C78.377A**.
Lumens measurement conform to **LM-79-08**.
Lumens maintenance conform to **LM-80-08**.

Temperatura de color según normativa **ANSI C78.377A**.
Medición lumens según normativa **LM-79-08**.
Mantenimiento lumens según normativa **LM-80-08**.

Yen restaurant,
London, UK

SPECIFICATIONS CARACTERÍSTICAS

Slim Ground Liner® 750

	(with recessed box)						
Measures	25 x 72 x 750 mm						
Weight	1,6 kg						
Color temperatures	2800K	4000K	5500K	Amber	Red	Blue	RGB
Power	8,7 W	8,7 W	8,7 W	4,4 W	4,4 W	8,7 W	Not available No disponible
Nº LEDs	90 LEDs	90 LEDs	90 LEDs	90 LEDs	90 LEDs	90 LEDs	
Lumens output	190 lm	203 lm	240 lm	48 lm	24 lm	21 lm	
Luminaire efficiency	32 lm/W	34 lm/W	39 lm/W	11 lm/W	5 lm/W	4 lm/W	

Slim Ground Liner® 500

	(with recessed box)						
Measures	25 x 72 x 500 mm						
Weight	1,1 kg						
Color temperatures	2800K	4000K	5500K	Amber	Red	Blue	RGB
Power	5,8 W	5,8 W	5,8 W	2,9 W	2,9 W	5,8 W	11 W
Nº LEDs	60 LEDs	60 LEDs	60 LEDs	60 LEDs	60 LEDs	60 LEDs	45 LEDs
Lumens output	125 lm	131 lm	153 lm	32 lm	16 lm	14 lm	134 lm
Luminaire efficiency	31 lm/W	33 lm/W	39 lm/W	11 lm/W	6 lm/W	4 lm/W	12 lm/W

Slim Ground Liner® 250

	(with recessed box)						
Measures	25 x 72 x 250 mm						
Weight	0,6 kg						
Color temperatures	2800K	4000K	5500K	Amber	Red	Blue	RGB
Power	2,9 W	2,9 W	2,9 W	1,5 W	1,5 W	2,9 W	Not available No disponible
Nº LEDs	30 LEDs	30 LEDs	30 LEDs	30 LEDs	30 LEDs	30 LEDs	
Lumens output	62 lm	67 lm	78 lm	16 lm	8 lm	6 lm	
Luminaire efficiency	31 lm/W	34 lm/W	39 lm/W	11 lm/W	6 lm/W	4 lm/W	



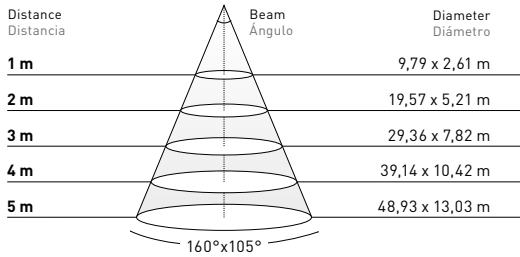
Siete Jewels Gallery,
Valencia, Spain

Color temperature conform to **ANSI C78.377A**.
Lumens measurement conform to **LM-79-08**.
Lumens maintenance conform to **LM-80-08**.

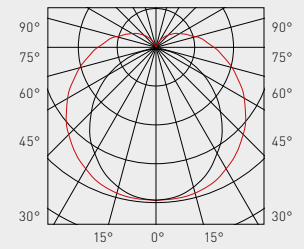
Temperatura de color según normativa **ANSI C78.377A**.
Medición lumens según normativa **LM-79-08**.
Mantenimiento lumens según normativa **LM-80-08**.

**LIGHT DISTRIBUTION CURVES
FOTOMETRÍAS**

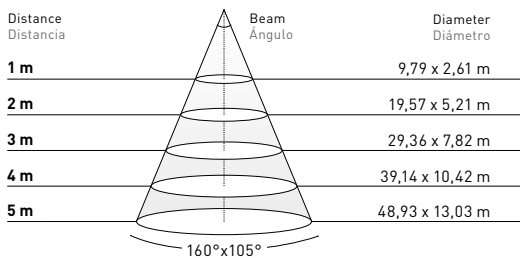
Slim Ground Liner® 1000 120 LEDs



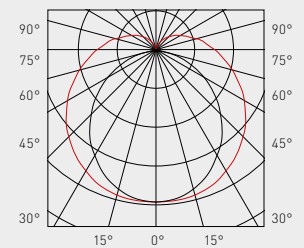
2800K	4000K	5500K
WARM WHITE BLANCO CÁLIDO	NEUTRAL WHITE BLANCO NEUTRO	COOL WHITE BLANCO FRÍO
57 lux	61 lux	70 lux
14 lux	15 lux	18 lux
6 lux	7 lux	8 lux
4 lux	4 lux	4 lux
2 lux	2 lux	3 lux



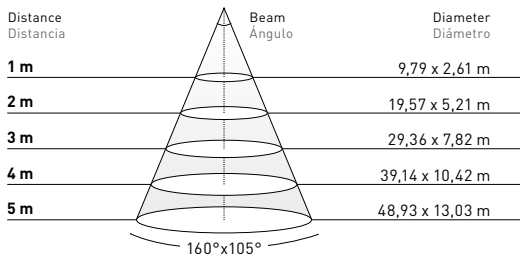
Slim Ground Liner® 750 90 LEDs



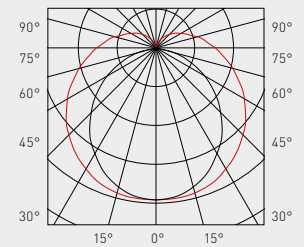
2800K	4000K	5500K
WARM WHITE BLANCO CÁLIDO	NEUTRAL WHITE BLANCO NEUTRO	COOL WHITE BLANCO FRÍO
43 lux	46 lux	54 lux
11 lux	11 lux	14 lux
5 lux	5 lux	6 lux
3 lux	3 lux	3 lux
2 lux	2 lux	2 lux



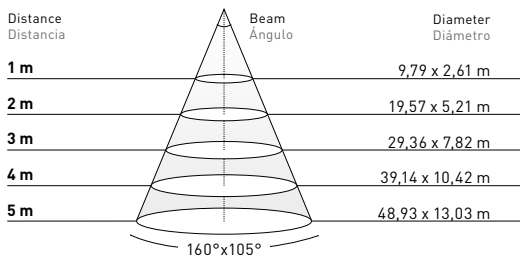
Slim Ground Liner® 500 60 LEDs



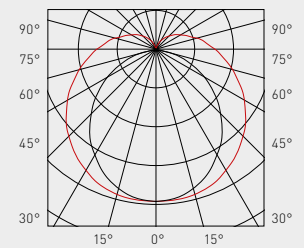
2800K	4000K	5500K
WARM WHITE BLANCO CÁLIDO	NEUTRAL WHITE BLANCO NEUTRO	COOL WHITE BLANCO FRÍO
28 lux	30 lux	35 lux
7 lux	7 lux	9 lux
3 lux	3 lux	4 lux
2 lux	2 lux	2 lux
1 lux	1 lux	1 lux



Slim Ground Liner® 250 30 LEDs



2800K	4000K	5500K
WARM WHITE BLANCO CÁLIDO	NEUTRAL WHITE BLANCO NEUTRO	COOL WHITE BLANCO FRÍO
14 lux	15 lux	18 lux
4 lux	4 lux	4 lux
2 lux	2 lux	2 lux
1 lux	1 lux	1 lux
1 lux	1 lux	1 lux



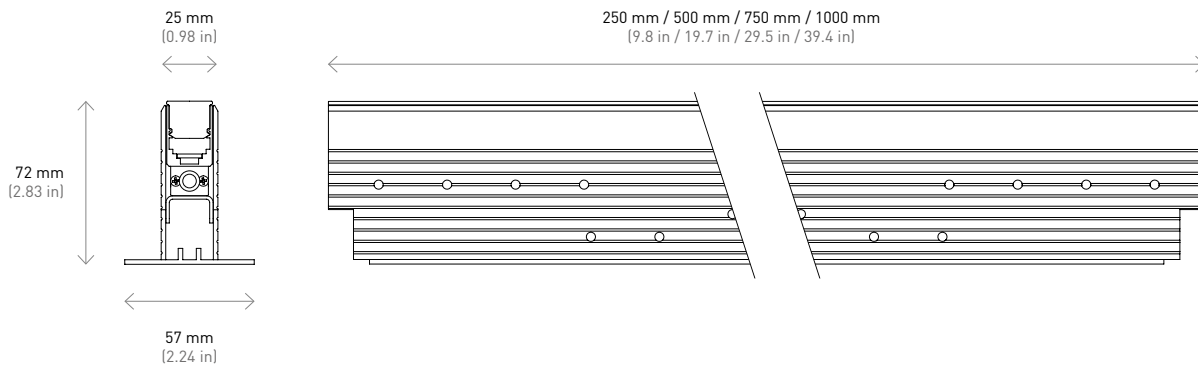
Lumen measurement complies with **UNE-EN 13032 / IES LM-79-08** testing procedures.
Light distribution curves are available at www.grupo-mci.com.
Due to continuous improvements and innovations, specifications may change without notice.

Ensayado bajo las especificaciones de la norma **UNE-EN 13032 / IES LM-79-08**.
Fotometrías disponibles en www.grupo-mci.com.
Debido a las continuas mejoras e innovaciones, las especificaciones pueden cambiar sin previo aviso.

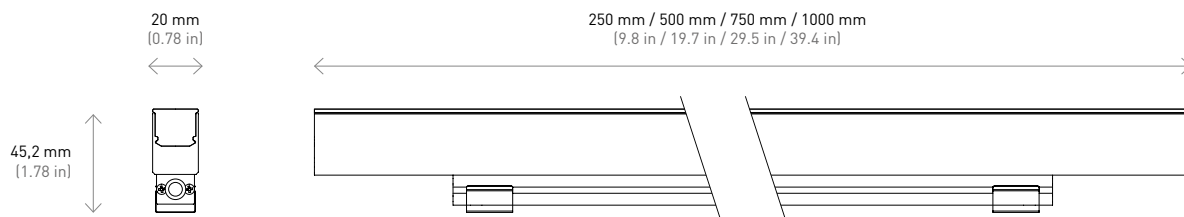
SLIM GROUND LINER®

MEASURES MEDIDAS

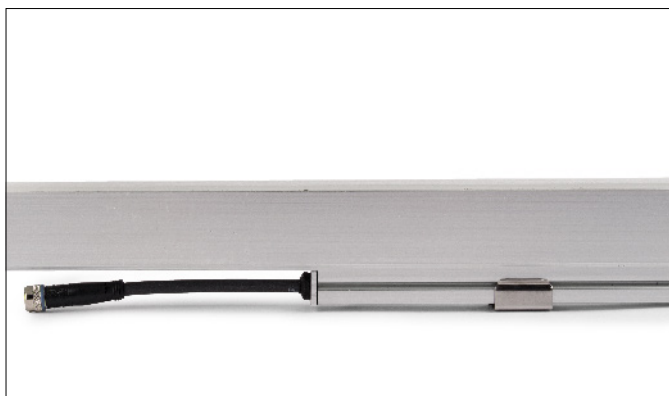
Slim Ground Liner® Recessed Empotrado



Slim Ground Liner® Surface (clip) Superficie (clip)



DETAILS DETALLES



Easy installation with clip for surfaces.
Fácil instalación con clip para superficie.

DETAILS
DETALLES



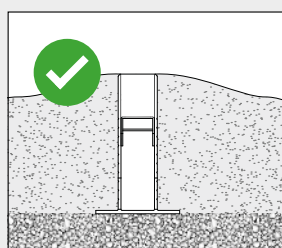
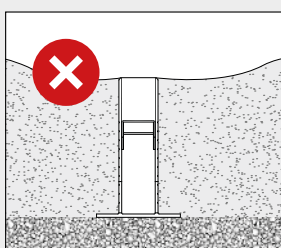
Strain-relief connector IP67.
Conector de retención IP67.



Easy connection.
Conexión fácil.



Polyethylene foam protects the recessed box of concrete dilatations.
Easy Plug&Play system for a fast installation in the recessed box.
La junta de polietileno absorbe las dilataciones del hormigón.
Unión rápida que permite montar con facilidad la luminaria en la caja de empotrar.

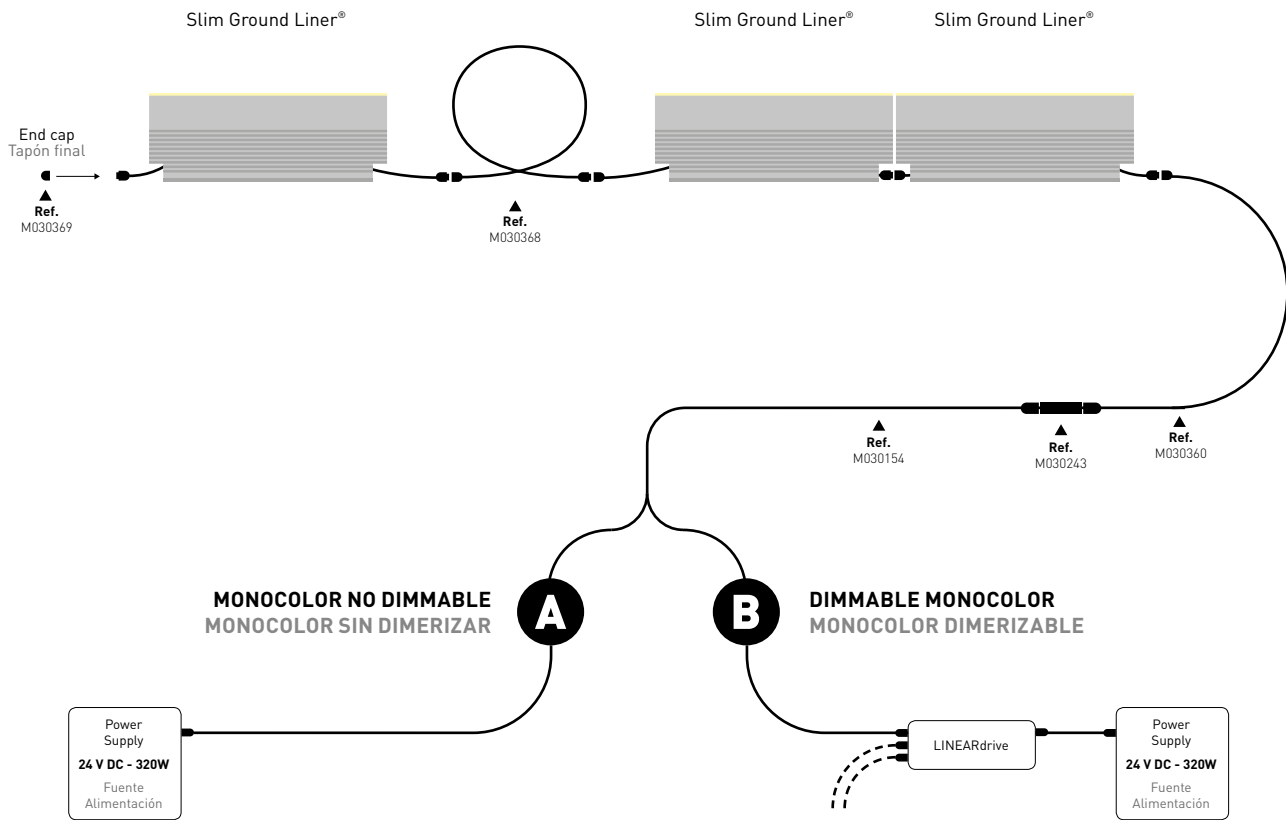


Temporarily immersion protection

A crushed stone surrounding the recessed box is recommended for a correct drainage. Avoid its placing in ground depression.
Incorrect drainage, may cause the loss of warranty.

Para un drenaje correcto se recomienda una capa de grava alrededor de la caja de empotramiento. Evite su colocación en depresiones del terreno.
Un drenaje incorrecto puede significar la pérdida de garantía.

MONOCOLOR CONNECTIONS CONEXIONES MONOCOLOR



A

MONOCOLOR NO DIMMABLE MONOCOLOR SIN DIMERIZAR

11,6 W/m



Maximum 10 Slim Ground Liner® 1000 mm per line.
Maximum 2 lines in parallel connection (20 Slim Ground Liner® 1000 mm) connected to PSU 24 V DC - 320W.
Maximum 5 m from the power supply to the first Slim Ground Liner®.

Máximo 10 Slim Ground Liner® 1000 mm por línea.
Máximo 2 líneas en paralelo (20 LED Slim Ground Liner® 1000 mm), conectadas a fuente de alimentación de 24 V DC - 320W.
Máximo 5 m desde la fuente de alimentación al primer Slim Ground Liner® 1000 mm.

5,8 W/m



Maximum 20 Slim Ground Liner® 1000 mm per line.
Maximum 2 lines in parallel connection (40 Slim Ground Liner® 1000 mm) connected to PSU 24 V DC - 320W.
Maximum 5 m from the power supply to the first Slim Ground Liner®.

Máximo 20 Slim Ground Liner® 1000 mm por línea.
Máximo 2 líneas en paralelo (40 LED Slim Ground Liner® 1000 mm), conectadas a fuente de alimentación de 24 V DC - 320W.
Máximo 5 m desde la fuente de alimentación al primer Slim Ground Liner® 1000 mm.

B

DIMMABLE WITH LINEARdrive 720 DIMERIZABLE CON LINEARdrive 720

11,6 W/m



Maximum 10 Slim Ground Liner® 1000 mm per line.
Maximum 2 lines in parallel connection (20 Slim Ground Liner® 1000 mm) connected to LINEARdrive 720 (PSU 24 V DC - 320W).
Maximum 5 m from the power supply to the first Slim Ground Liner® 1000 mm.

Máximo 10 Slim Ground Liner® 1000 por línea.
Máximo 2 líneas en paralelo (20 Slim Ground Liner® 1000), conectadas a LINEARdrive 720 (fuente de alimentación de 24 V DC - 320W).
Máximo 5 m desde la fuente de alimentación al primer Slim Ground Liner® 1000 mm.

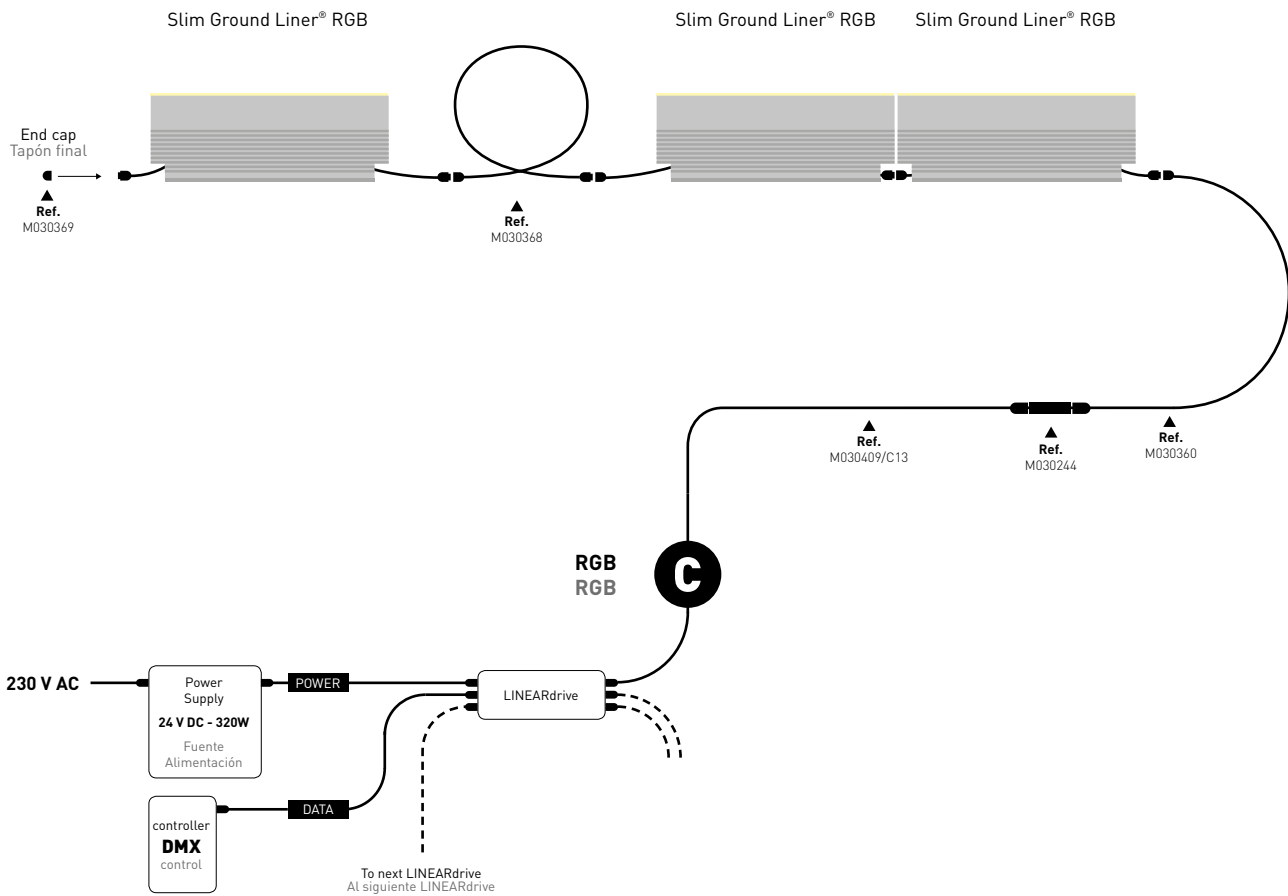
5,8 W/m



Maximum 20 Slim Ground Liner® 1000 mm per line.
Maximum 2 lines in parallel connection (40 Slim Ground Liner® 1000 mm) connected to LINEARdrive 720 (PSU 24 V DC - 320W).
Maximum 5 m from the power supply to the first Slim Ground Liner® 1000 mm.

Máximo 20 Slim Ground Liner® 1000 por línea.
Máximo 2 líneas en paralelo (40 Slim Ground Liner® 1000), conectadas a LINEARdrive 720 (fuente de alimentación de 24 V DC - 320W).
Máximo 5 m desde la fuente de alimentación al primer Slim Ground Liner® 1000 mm.

RGB CONNECTIONS
CONEXIONES RGB



CONTROLLABLE WITH LINEARdrive 720
CONTROLABLE CON LINEARdrive 720

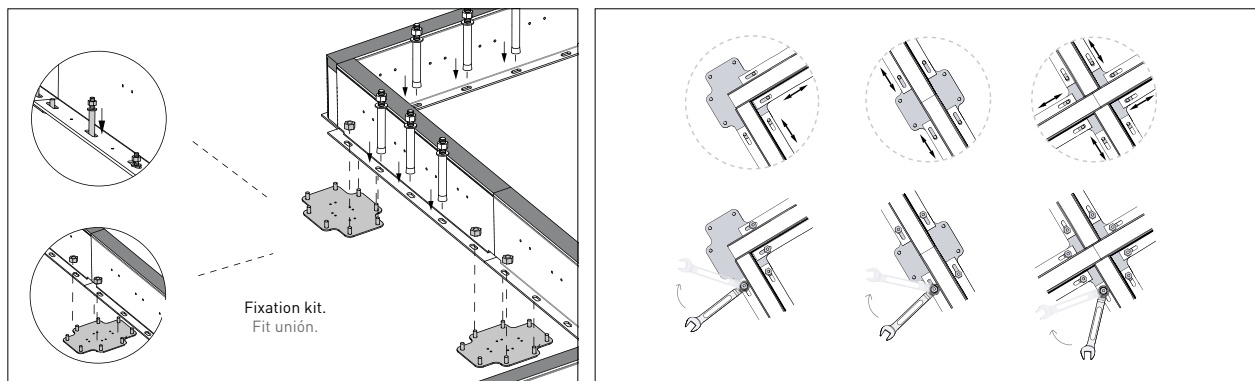
Maximum 4 Slim Ground Liner® RGB 1000 mm per line.
Maximum 3 lines in parallel connection
(12 Slim Ground Liner® RGB 1000 mm)
connected to LINEARdrive 720 (PSU 24 V DC - 320W).
Maximum 5 m from the power supply to the first Slim Ground Liner®
RGB 1000 mm.
Follow connection diagram type C for DALI installations.

Máximo 4 Slim Ground Liner® RGB 1000 por línea.
Máximo 3 líneas en paralelo (12 Slim Ground Liner® RGB 1000),
conectadas a LINEARdrive 720 (fuente de alimentación de 24 V DC - 320W).
Máximo 5 m desde la fuente de alimentación al primer Slim Ground Liner®
RGB 1000 mm.
Para instalación DALI seguir el conexionado tipo C.

INSTALLATION INSTALACIÓN

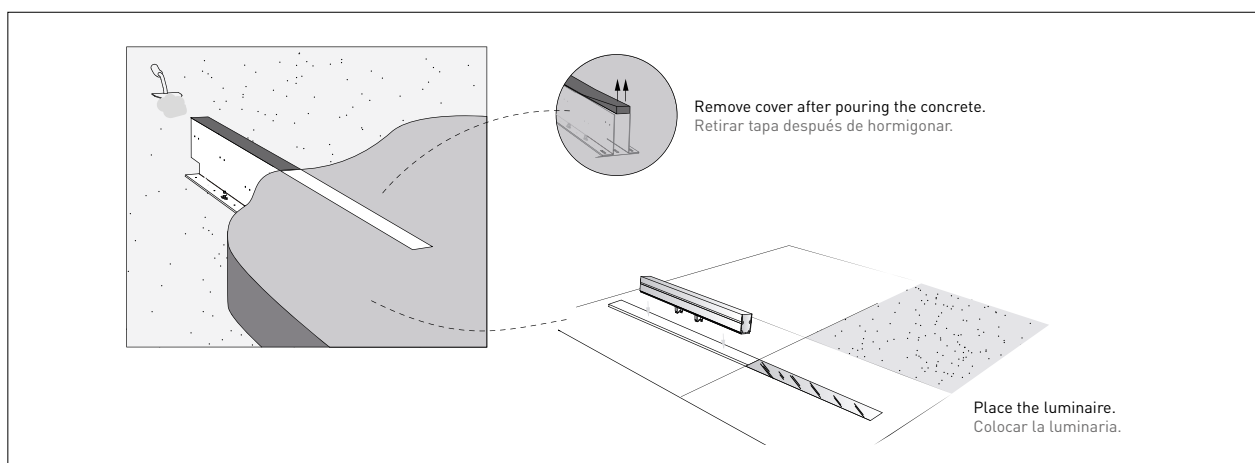
1

Recessed box installation.
Instalación cajetín.



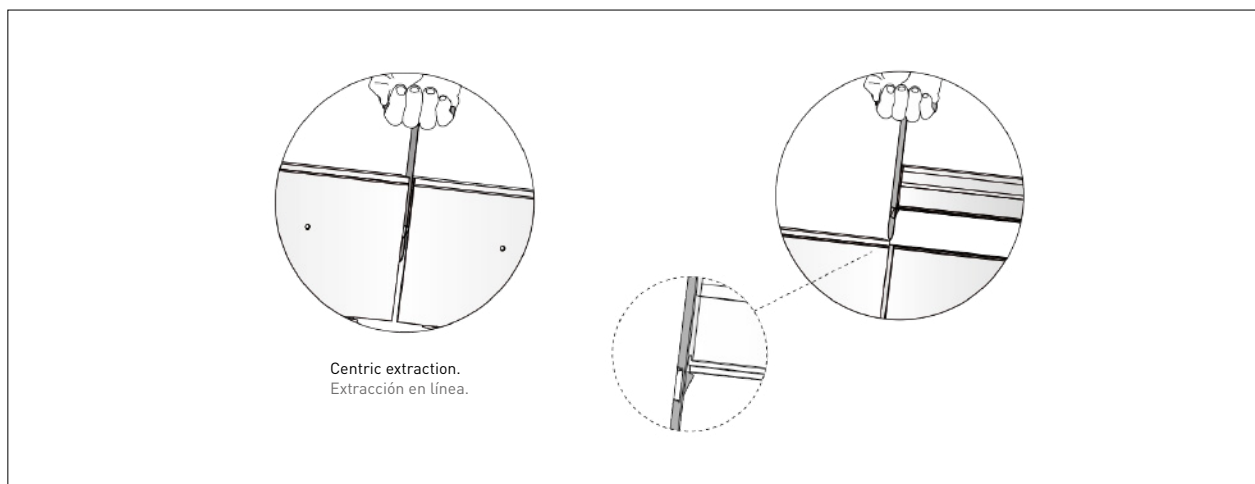
2

Concrete.
Hormigonado.



3

Extraction tool.
Útil de extracción.



REFERENCES
REFERENCIAS

710121 1 /80/2K8

COLOR COLOR

/80/2K8	2800K
/80/4K	4000K
/80/5K5	5500K
/03	Red Rojo
/04	Amber Ambar
/08	Green Verde
/09	Blue Azul
/11	RGB *

LENGTH LONGITUD

1	1000 mm
2	750 mm
3	500 mm
4	250 mm

* Only available in 1000 mm and 500 mm.
Sólo disponible en 1000 mm y 500 mm.

Due to tolerances of the production process the color temperatures could change slightly.
Debido a las tolerancias del proceso de producción las temperaturas del color pueden cambiar ligeramente.

ACCESSORIES REFERENCES
REFERENCIAS ACCESORIOS

1



2



3



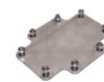
4



M030360	Power cable 70 cm	Cable alimentación 70 cm	1
M030368	Extension cable 1 m	Cable extensión 1 m	2
M030369	End cap	Tapón final	
	For installation.	Para instalación.	
M030243	IP68 "I" connection Ø6-13,5mm Tee Tube (3 poles) (monocolor)	Conexión "I" Ø6-13,5mm IP68 Tee Tube (3 polos) (monocolor)	3
M030154	3 x 1,5 mm ² H07RN-F cable (m) (monocolor)	Cable 3 x 1,5 mm ² H07RN-F (m) (monocolor)	
M030244	IP68 "I" connection Ø6-17mm Tee Tube (5 poles) (RGB)	Conexión "I" Ø6-13,5mm IP68 Tee Tube (5 polos) (RGB)	4
M030409/C13	5 x 0,75 mm ² PUR cable (RGB)	Cable PUR 5 x 0,75 mm ² (RGB)	
	Accessories for surface installation.	Accesorios para instalación de superficie.	
M170023	Clip	Clip	

RECESSED BOX REFERENCES
REFERENCIAS CAJETÍN DE EMPOTRAR

5



6



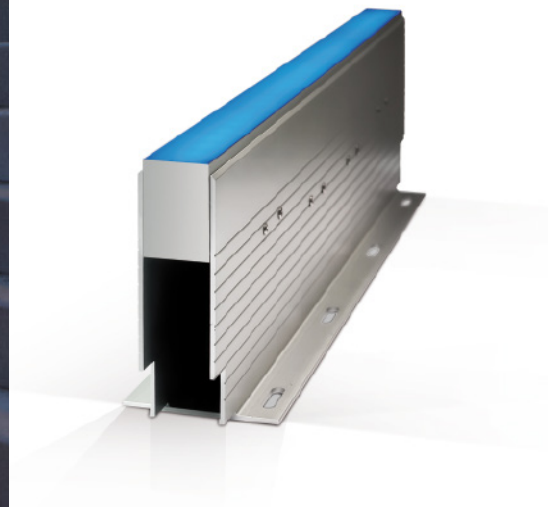
7101271/C12	Recessed box 1000 mm	Cajetín de empotrar 1000 mm	
7101272/C12	Recessed box 750 mm	Cajetín de empotrar 750 mm	
7101273/C12	Recessed box 500 mm	Cajetín de empotrar 500 mm	
7101274/C12	Recessed box 250 mm	Cajetín de empotrar 250 mm	
	Accessories for recessed box installation.	Accesorios para instalación con cajetín de empotrar.	
7101295	Fixation kit "ILX"	Kit unión "ILX"	5
7101196	Centric extraction tool	Útil extracción en línea	6

Chicago Riverwalk
USA





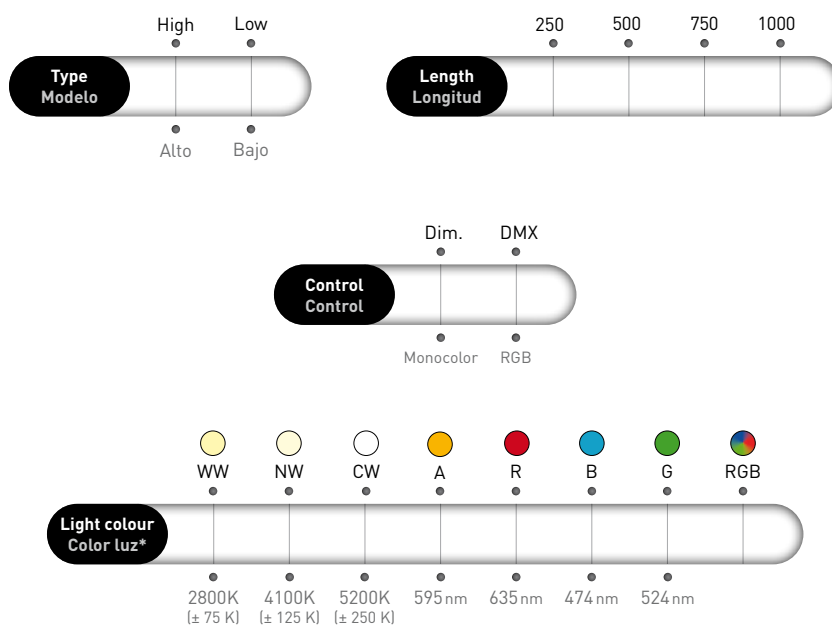
GROUND LINER®



GROUND LINER®

DRIVE OVER 30 kN


- Continuous light for paths and squares
 - Recessed trimless luminaire
 - DMX control
 - Easy serial connection, up to 20 m
 - Up to 500 lm/m
 - Pressure on the fixture of 30 kN
 - 2 recessed boxes: 125 mm and 80 mm
- Luz continua para calles y plazas
 - Luminaria "trimless" empotrable
 - Control DMX
 - Fácil conexión en serie, hasta 20 m
 - Hasta 500 lm/m
 - Presión sobre la luminaria 30 kN
 - 2 cajas de empotrar: 125 mm and 80 mm



*The RGB version is delivered with DMX control.
La versión RGB se suministra con control DMX.*

** Due to tolerances of the production process the color temperatures could change slightly.
Debido a las tolerancias del proceso de producción las temperaturas del color pueden cambiar ligeramente.*

SPECIFICATIONS
CARACTERÍSTICAS

IP66 IP68	IK10	30 kN	 Dimmable	24V DC	 AL Housing	PUR resin Cover	HEAT SHOCK tested	Saltwater resistant	Ta min -20°C -4°F Ta max +50°C +122°F	
--------------	------	-------	--	-----------	--	--------------------	----------------------	------------------------	--	---

Ground Liner® 1000								
	[with high recessed box]				[with low recessed box]			
Measures	1000 x 130 x 75 mm				1000 x 85 x 76 mm			
Weight	4,5 kg				3,4 kg			
Color temperatures	2800K	4100K	5200K	Amber	Red	Blue	Green	RGB
Power	15,36 W	15,36 W	15,36 W	7,68 W	7,68 W	15,36 W	15,36 W	17,3 W
Nº LEDs	80 LEDs	80 LEDs	80 LEDs	80 LEDs	80 LEDs	80 LEDs	80 LEDs	60 LEDs
Lumens output	450 lm	485 lm	531 lm	255 lm	178 lm	136 lm	251 lm	240 lm
Luminaire efficiency	29 lm/W	32 lm/W	35 lm/W	29 lm/W	23 lm/W	9 lm/W	16 lm/W	14 lm/W
Control type	Dim.	Dim.	Dim.	Dim.	Dim.	Dim.	Dim.	DMX 512-A

Other types on next page >>>
Otros modelos en página siguiente >>>



Color temperature conform to **ANSI C78.377A**.
Lumens measurement conform to **LM-79-08**.
Lumens maintenance conform to **LM-80-08**.

Temperatura de color según normativa **ANSI C78.377A**.
Medición lumens según normativa **LM-79-08**.
Mantenimiento lumens según normativa **LM-80-08**.

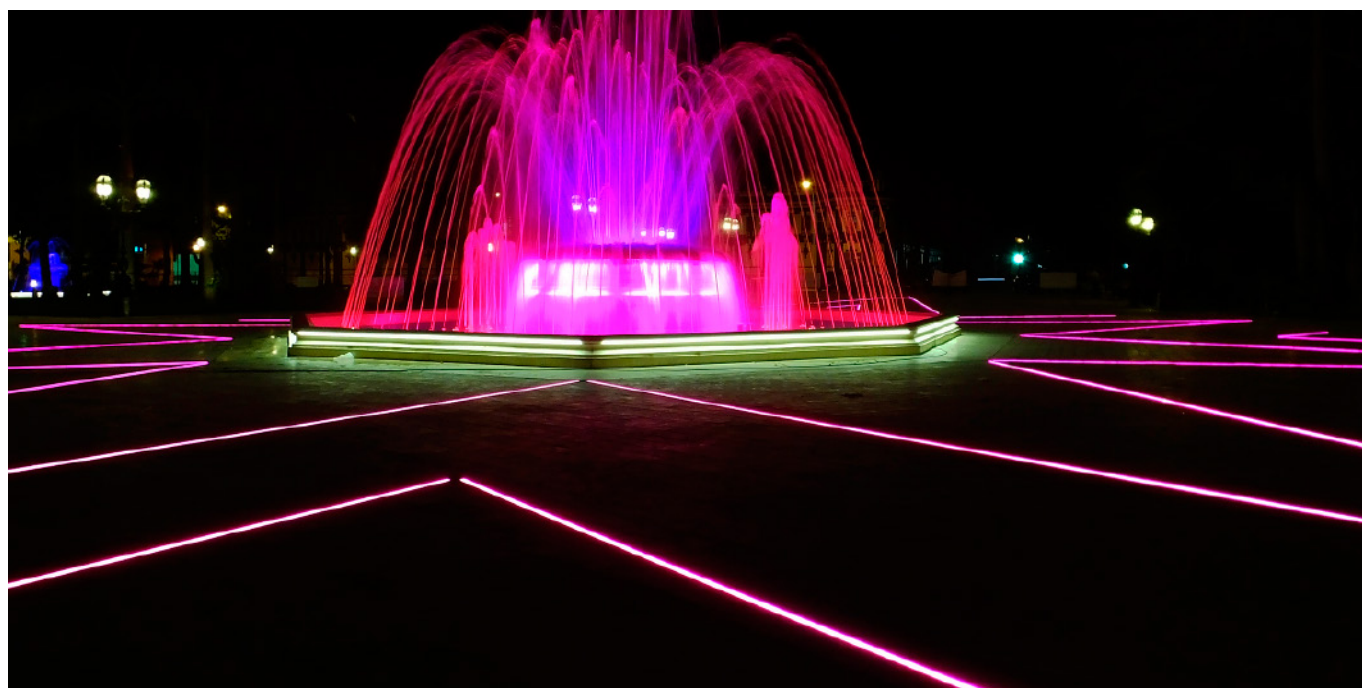
Chicago Riverwalk,
USA

SPECIFICATIONS CARACTERÍSTICAS

Ground Liner® 750								
	(with high recessed box)				(with low recessed box)			
Measures	750 x 130 x 75 mm				750 x 85 x 75 mm			
Weight	3,37 kg				2,55 kg			
Color temperatures	2800K	4100K	5200K	Amber	Red	Blue	Green	RGB
Power	11,52 W	11,52 W	11,52 W	5,76 W	5,76 W	11,52 W	11,52 W	Not available No disponible
Nº LEDs	60 LEDs	60 LEDs	60 LEDs	60 LEDs	60 LEDs	60 LEDs	60 LEDs	
Lumens output	330 lm	360 lm	395 lm	191 lm	133 lm	102 lm	188 lm	
Luminaire efficiency	28 lm/W	31 lm/W	34 lm/W	33 lm/W	23 lm/W	9 lm/W	16 lm/W	
Control type	Dim.	Dim.	Dim.	Dim.	Dim.	Dim.	Dim.	

Ground Liner® 500								
	(with high recessed box)				(with low recessed box)			
Measures	500 x 130 x 75 mm				500 x 85 x 75 mm			
Weight	2,25 kg				1,65 kg			
Color temperatures	2800K	4100K	5200K	Amber	Red	Blue	Green	RGB
Power	7,68 W	7,68 W	7,68 W	3,84 W	3,84 W	7,68 W	7,68 W	8,7 W
Nº LEDs	40 LEDs	40 LEDs	40 LEDs	40 LEDs	40 LEDs	40 LEDs	40 LEDs	30 LEDs
Lumens output	221 lm	241 lm	265 lm	127 lm	89 lm	68 lm	124 lm	120 lm
Luminaire efficiency	29 lm/W	31lm/W	35 lm/W	33 lm/W	23 lm/W	9 lm/W	16 lm/W	14 lm/W
Control type	Dim.	Dim.	Dim.	Dim.	Dim.	Dim.	Dim.	DMX 512-A

Ground Liner® 250								
	(with high recessed box)				(with low recessed box)			
Measures	250 x 130 x 75 mm				250 x 85 x 75 mm			
Weight	1,19 kg				0,82 kg			
Color temperatures	2800K	4100K	5200K	Amber	Red	Blue	Green	RGB
Power	3,84 W	3,84 W	3,84 W	1,92 W	1,92 W	3,84 W	3,84 W	Not available No disponible
Nº LEDs	20 LEDs	20 LEDs	20 LEDs	20 LEDs	20 LEDs	20 LEDs	20 LEDs	
Lumens output	108 lm	119 lm	131 lm	63 lm	44 lm	33 lm	61 lm	
Luminaire efficiency	28 lm/W	31 lm/W	34 lm/W	33 lm/W	23 lm/W	9 lm/W	16 lm/W	
Control type	Dim.	Dim.	Dim.	Dim.	Dim.	Dim.	Dim.	



Bolívar Square,
Maracay, Venezuela

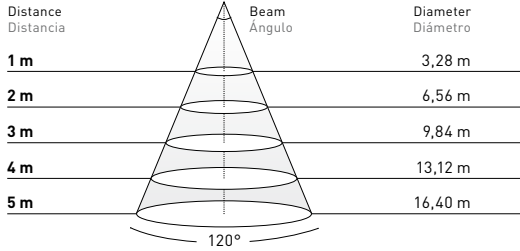
Color temperature conform to **ANSI C78.377A**.
Lumens measurement conform to **LM-79-08**.
Lumens maintenance conform to **LM-80-08**.

Temperatura de color según normativa **ANSI C78.377A**.
Medición lumens según normativa **LM-79-08**.
Mantenimiento lumens según normativa **LM-80-08**.

LIGHT DISTRIBUTION CURVES
FOTOMETRÍAS

Ground Liner® 1000

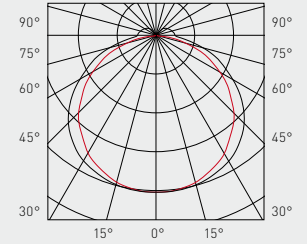
80 LEDs **120°**



2800K
WARM WHITE BLANCO CÁLIDO
122 lux
30 lux
14 lux
8 lux
5 lux

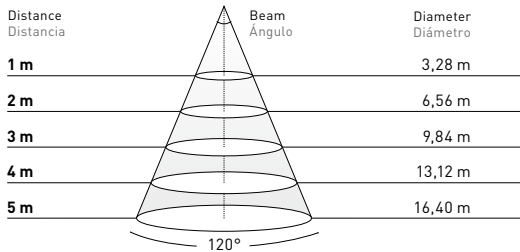
4100K
NEUTRAL WHITE BLANCO NEUTRO
131 lux
33 lux
15 lux
8 lux
5 lux

5200K
COOL WHITE BLANCO FRÍO
147 lux
37 lux
16 lux
9 lux
6 lux



Ground Liner® 750

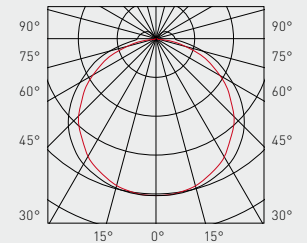
60 LEDs **120°**



2800K
WARM WHITE BLANCO CÁLIDO
89 lux
22 lux
10 lux
6 lux
4 lux

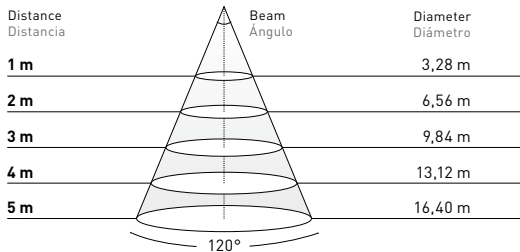
4100K
NEUTRAL WHITE BLANCO NEUTRO
97 lux
24 lux
11 lux
6 lux
4 lux

5200K
COOL WHITE BLANCO FRÍO
110 lux
27 lux
12 lux
7 lux
4 lux



Ground Liner® 500

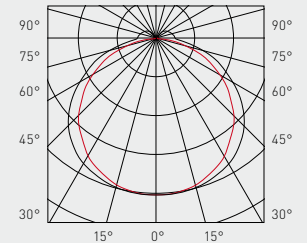
40 LEDs **120°**



2800K
WARM WHITE BLANCO CÁLIDO
60 lux
15 lux
7 lux
4 lux
2 lux

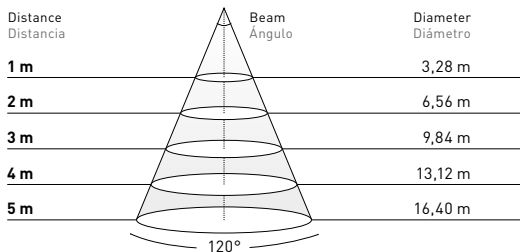
4100K
NEUTRAL WHITE BLANCO NEUTRO
65 lux
16 lux
7 lux
4 lux
3 lux

5200K
COOL WHITE BLANCO FRÍO
74 lux
18 lux
8 lux
5 lux
3 lux



Ground Liner® 250

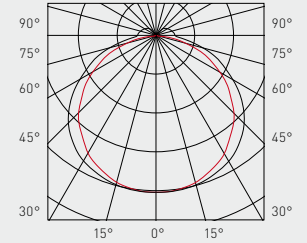
20 LEDs **120°**



2800K
WARM WHITE BLANCO CÁLIDO
29 lux
7 lux
3 lux
2 lux
1 lux

4100K
NEUTRAL WHITE BLANCO NEUTRO
32 lux
8 lux
4 lux
2 lux
1 lux

5200K
COOL WHITE BLANCO FRÍO
36 lux
9 lux
4 lux
2 lux
1 lux

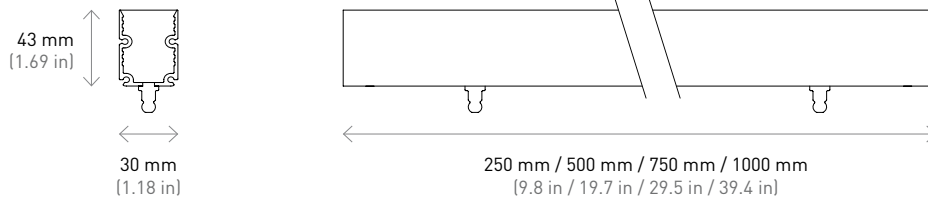


Lumen measurement complies with **UNE-EN 13032 / IES LM-79-08** testing procedures.
Light distribution curves are available at www.grupo-mci.com.
Due to continuous improvements and innovations, specifications may change without notice.

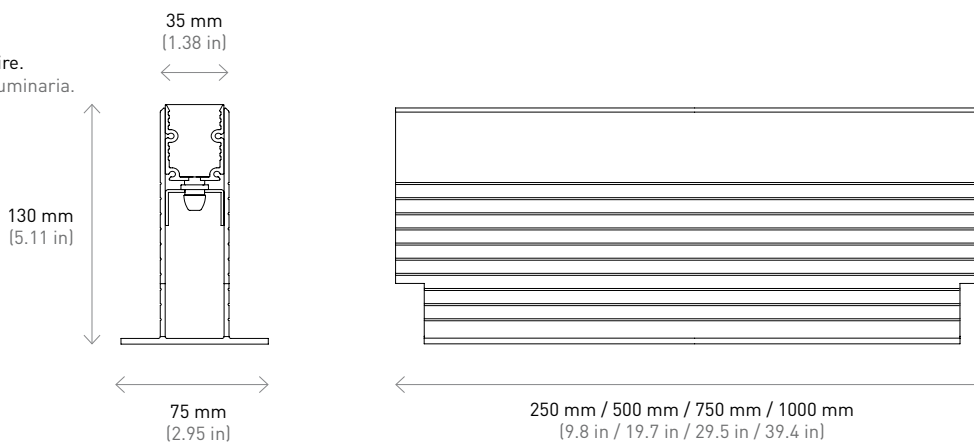
Ensayado bajo las especificaciones de la norma **UNE-EN 13032 / IES LM-79-08**.
Fotometrías disponibles en www.grupo-mci.com.
Debido a las continuas mejoras e innovaciones, las especificaciones pueden cambiar sin previo aviso.

MEASURES MEDIDAS

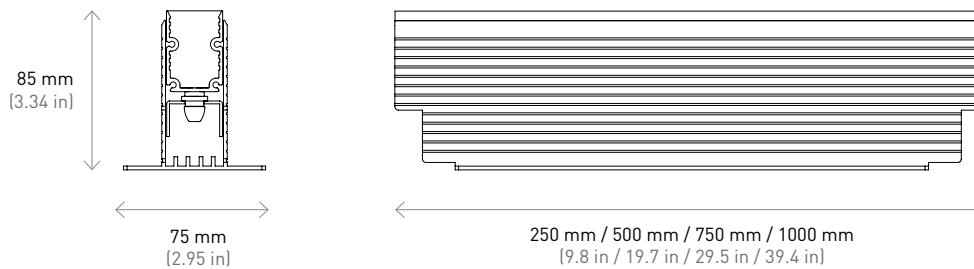
Ground Liner®
Luminaire.
Luminaria.



Ground Liner®
High recessed box+luminaire.
Cajetín de empotrar alto+luminaria.



Ground Liner®
Low recessed box+luminaire.
Cajetín de empotrar bajo+luminaria.



Polyethylene foam protects the recessed box of concrete dilatations.
Easy Plug&Play system for a fast installation in the recessed box.

La junta de polietileno absorbe las dilataciones del hormigón.
Unión rápida que permite montar con facilidad la luminaria en la caja de empotrar.

DETAILS
DETALLES



High recessed box (125 mm).
Cajetín de empotrar alto (125 mm).



Low recessed box (80 mm).
Cajetín de empotrar bajo (80 mm).



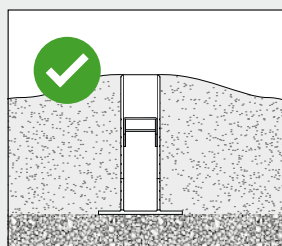
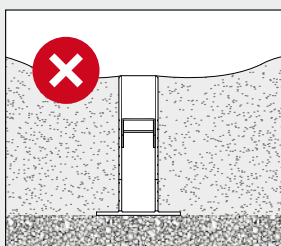
Monocolored IP66 connector for high recessed box.
Conector IP66 monocolor para cajetín de empotrar alto.



RGB and monocolored IP67 connector for low recessed box.
Conector IP67 RGB y monocolor para cajetín de empotrar bajo.



RGB IP68 connector for high recessed box.
Conector RGB IP68 para cajetín de empotrar alto.

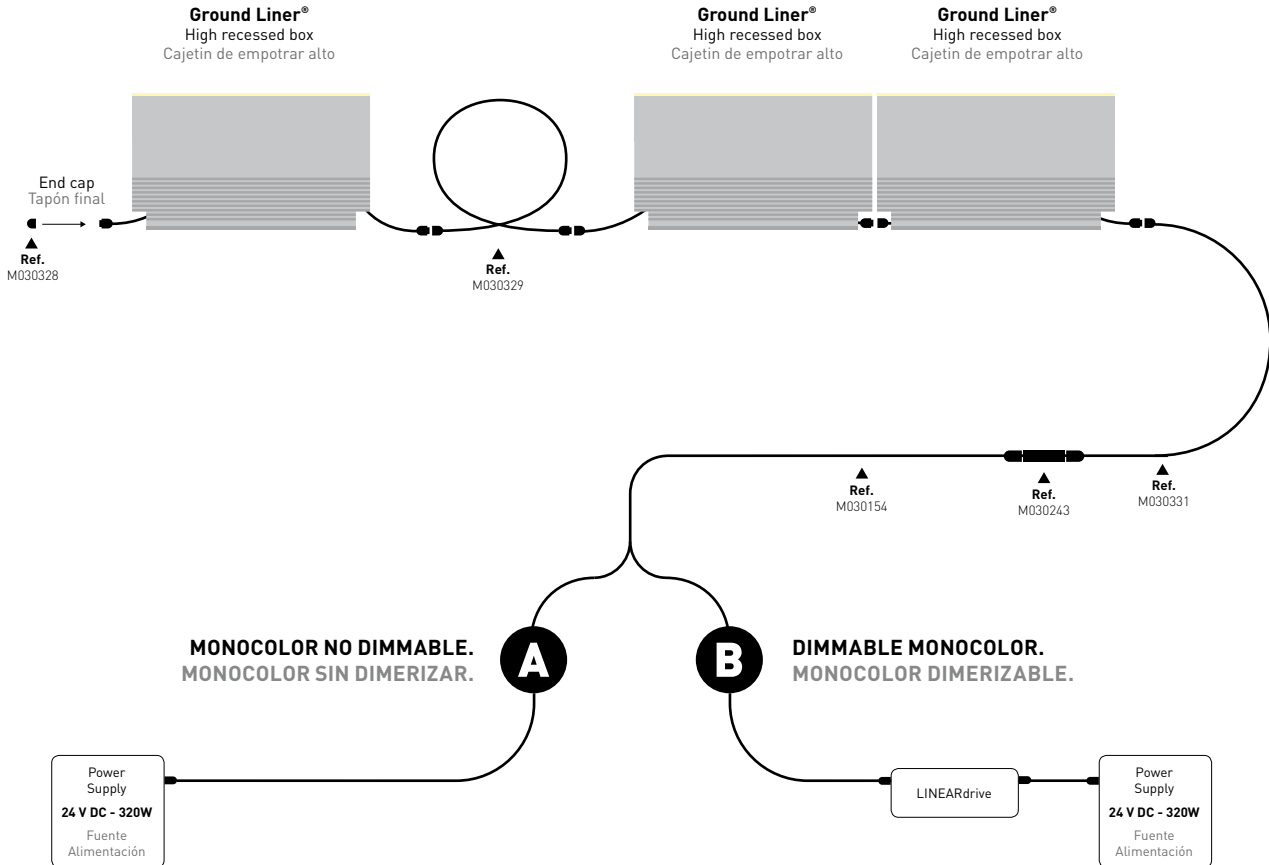


Temporarily
immersion
protection

A crushed stone surrounding the recessed box is recommended for a correct drainage. Avoid its placing in ground depression.
Incorrect drainage, may cause the loss of warranty.

Para un drenaje correcto se recomienda una capa de grava alrededor de la caja de empotramiento. Evite su colocación en depresiones del terreno.
Un drenaje incorrecto puede significar la pérdida de garantía.

MONOCOLOR CONNECTIONS WITH HIGH RECESSED BOX CONEXIONES MONOCOLOR CON CAJETIN DE EMPOTRAR ALTO



A

MONOCOLOR NO DIMMABLE MONOCOLOR SIN DIMERIZAR

15,36 W/m



Maximum 20 Ground Liner® of 1 m connected with PSU 24 V DC - 320W.
Maximum 5 m from power supply to first Ground Liner®.

Máximo 20 Ground Liner® de 1 m con fuente de alimentación
24 V DC - 320W.
Máximo 5 m de la fuente de alimentación al primer Ground Liner®.

7,68 W/m



Maximum 32 Ground Liner® of 1 m connected with PSU 24 V DC - 320W.
Maximum 5 m from power supply to first Ground Liner®.

Máximo 32 Ground Liner® de 1 m con fuente de alimentación
24 V DC - 320W.
Máximo 5 m de la fuente de alimentación al primer Ground Liner®.

B

DIMMABLE WITH LINEARdrive 720 DIMERIZABLE CON LINEARdrive 720

15,36 W/m



Maximum 20 Ground Liner® of 1 m connected with LINEARdrive 720
(PSU 24 V DC - 320W).
Maximum 5 m from power supply to first Ground Liner®.

Máximo 20 Ground Liner® de 1 m conectados al LINEARdrive 720
(fuente de alimentación 24 V DC - 320W).
Máximo 5 m de la fuente de alimentación al primer Ground Liner®.

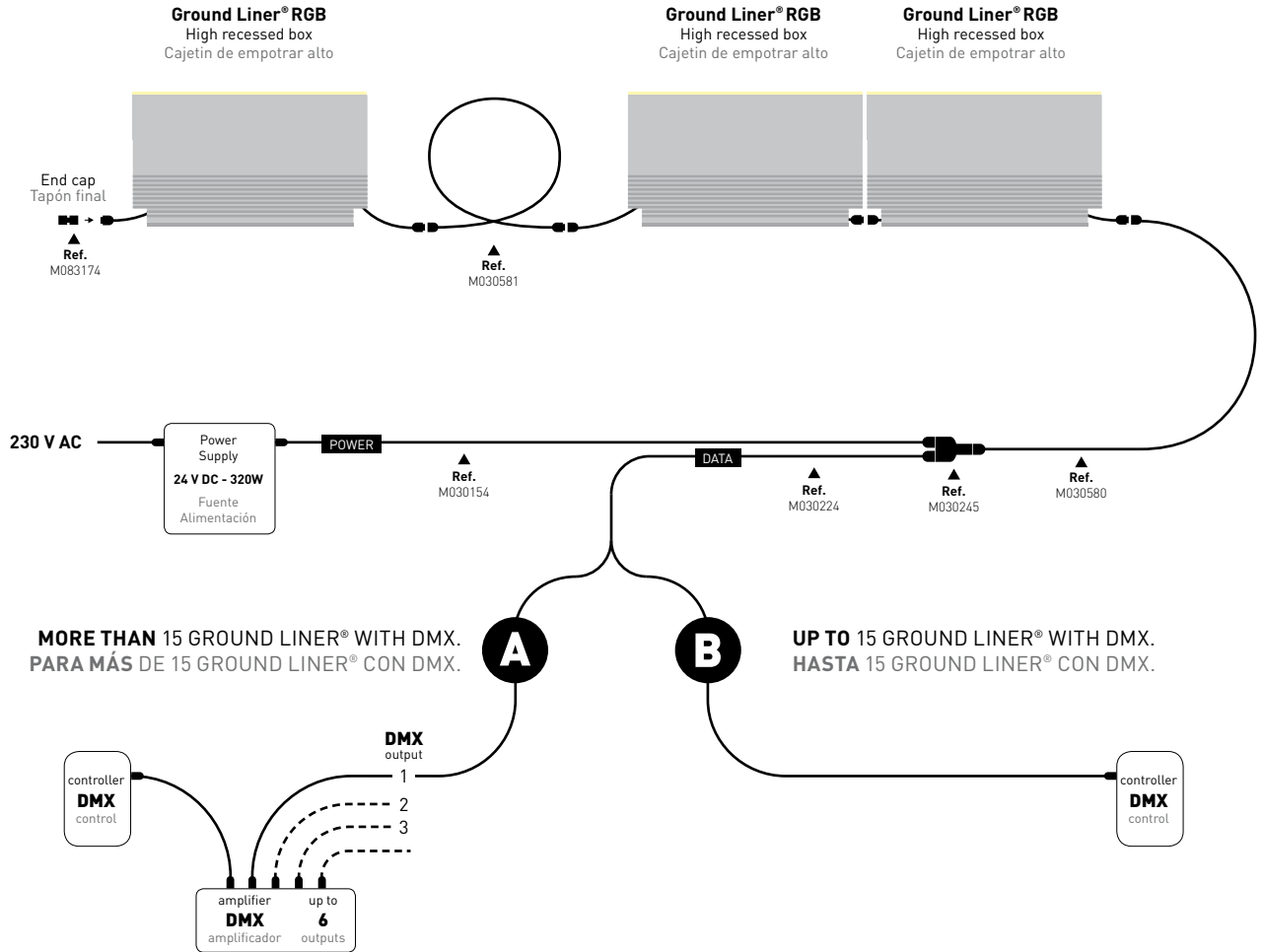
7,68 W/m



Maximum 32 Ground Liner® of 1 m connected with LINEARdrive 720
(PSU 24 V DC - 320W).
Maximum 5 m from power supply to first Ground Liner®.

Máximo 32 Ground Liner® de 1 m conectados al LINEARdrive 720
(fuente de alimentación 24 V DC - 320W).
Máximo 5 m de la fuente de alimentación al primer Ground Liner®.

RGB CONNECTIONS WITH HIGH RECESSED BOX
CONEXIONES RGB CON CAJETIN DE EMPOTRAR ALTO



MORE THAN 15 GROUND LINER® WITH DMX.
PARA MÁS DE 15 GROUND LINER® CON DMX.

A

UP TO 15 GROUND LINER® WITH DMX.
HASTA 15 GROUND LINER® CON DMX.

B

A

MORE THAN 15 GROUND LINER® RGB WITH DMX 512-A.
PARA MÁS DE 15 GROUND LINER® RGB CON DMX 512-A.

Maximum 15 Ground Liner® RGB per DMX output.
 Maximum 100 meters from controller to the amplifier.
 Maximum 100 meters from amplifier to last Ground Liner® RGB.

Máximo 15 Ground Liner® RGB por salida DMX.
 Máximo 100 metros del controlador al amplificador.
 Máximo 100 metros del amplificador al último Ground Liner® RGB.

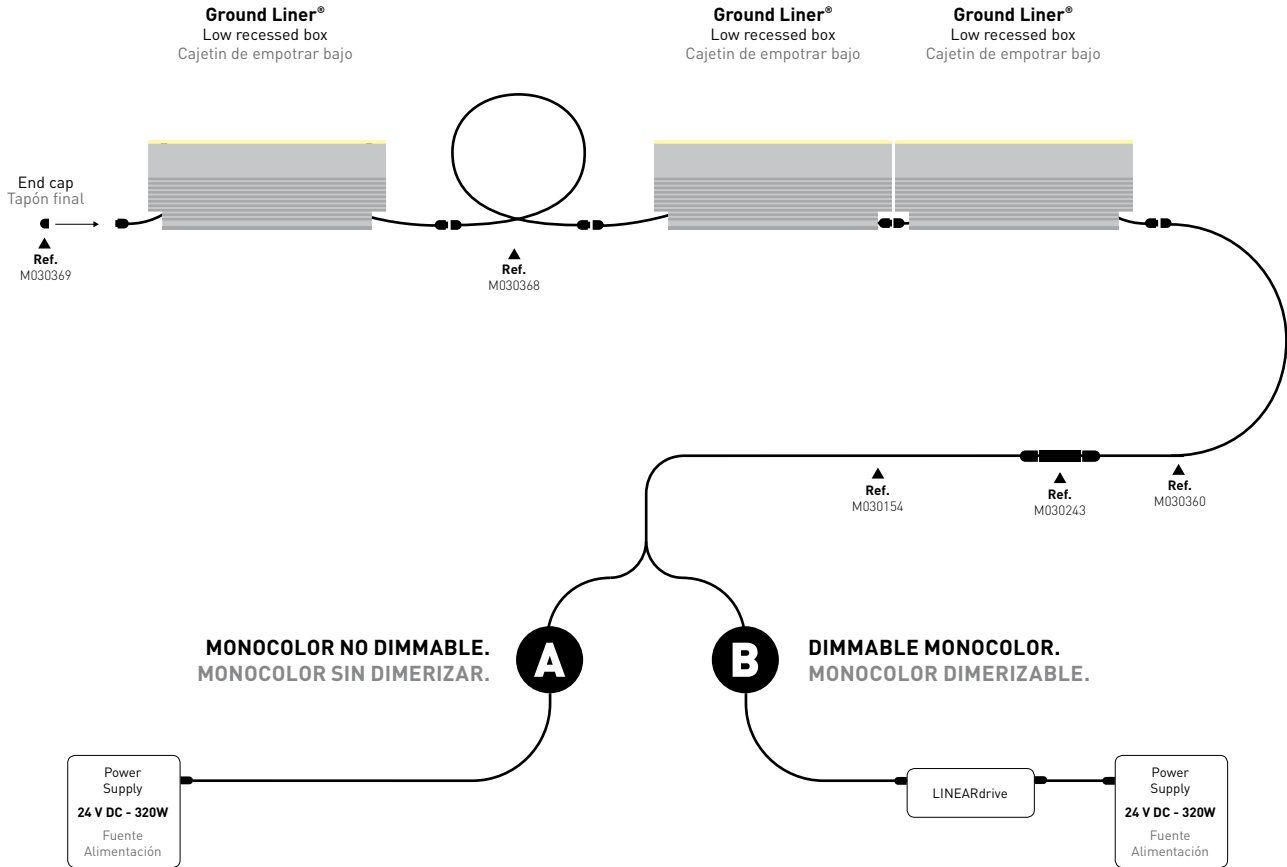
B

UP TO 15 GROUND LINER® RGB WITH DMX 512-A.
HASTA 15 GROUND LINER® RGB CON DMX 512-A.

Maximum 15 Ground Liner® RGB per DMX controller.
 Maximum 100 meters from controller to last Ground Liner® RGB.

Máximo 15 Ground Liner® RGB por controlador DMX.
 Máximo 100 metros del controlador al último Ground Liner® RGB.

MONOCOLOR CONNECTIONS WITH LOW RECESSED BOX CONEXIONES MONOCOLOR CON CAJETIN DE EMPOTRAR BAJO



A

MONOCOLOR NO DIMMABLE MONOCOLOR SIN DIMERIZAR

15,36 W/m



Maximum 6 Ground Liner® of 1 m connected with PSU 24 V DC - 320W.
Maximum 5 m from power supply to first Ground Liner®.

Máximo 6 Ground Liner® de 1 m con fuente de alimentación
24 V DC - 320W.
Máximo 5 m de la fuente de alimentación al primer Ground Liner®.

7,68 W/m



Maximum 12 Ground Liner® of 1 m connected with PSU 24 V DC - 320W.
Maximum 5 m from power supply to first Ground Liner®.

Máximo 12 Ground Liner® de 1 m con fuente de alimentación
24 V DC - 320W.
Máximo 5 m de la fuente de alimentación al primer Ground Liner®.

B

DIMMABLE WITH LINEARdrive 720 DIMERIZABLE CON LINEARdrive 720

15,36 W/m



Maximum 6 Ground Liner® of 1 m connected with LINEARdrive 720
(PSU 24 V DC - 320W).
Maximum 5 m from power supply to first Ground Liner®.

Máximo 6 Ground Liner® de 1 m conectados al LINEARdrive 720
(fuente de alimentación 24 V DC - 320W).
Máximo 5 m de la fuente de alimentación al primer Ground Liner®.

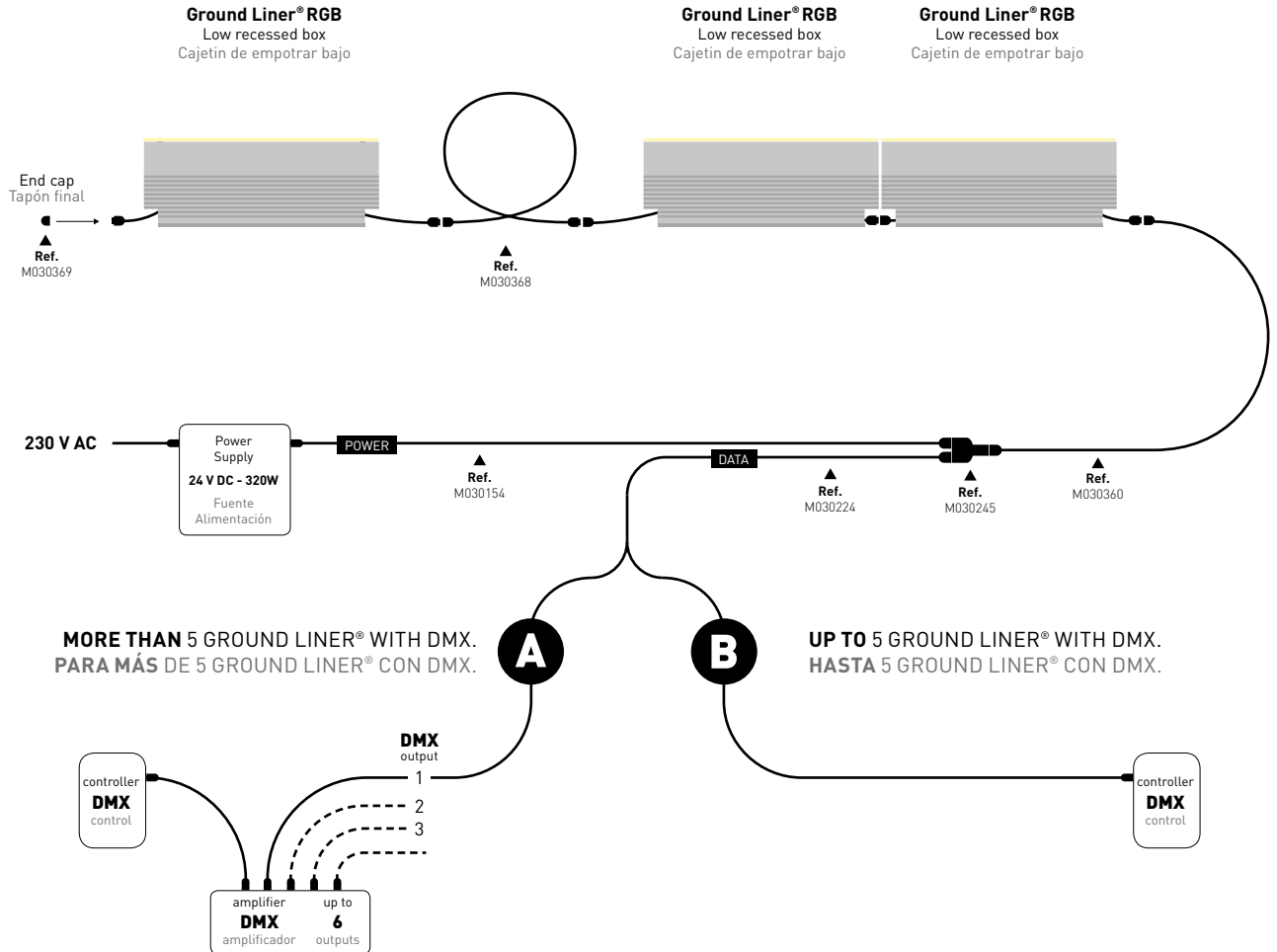
7,68 W/m



Maximum 12 Ground Liner® of 1 m connected with LINEARdrive 720
(PSU 24 V DC - 320W).
Maximum 5 m from power supply to first Ground Liner®.

Máximo 12 Ground Liner® de 1 m conectados al LINEARdrive 720
(fuente de alimentación 24 V DC - 320W).
Máximo 5 m de la fuente de alimentación al primer Ground Liner®.

RGB CONNECTIONS WITH LOW RECESSED BOX
CONEXIONES RGB CON CAJETIN DE EMPOTRAR BAJO



MORE THAN 5 GROUND LINER® WITH DMX.
PARA MÁS DE 5 GROUND LINER® CON DMX.

UP TO 5 GROUND LINER® WITH DMX.
HASTA 5 GROUND LINER® CON DMX.

A

MORE THAN 5 GROUND LINER® RGB WITH DMX.
PARA MÁS DE 5 GROUND LINER® RGB CON DMX.

Maximum 5 Ground Liner® RGB per DMX output.
 Maximum 100 meters from controller to the amplifier.
 Maximum 100 meters from amplifier to last Ground Liner® RGB.

Máximo 5 Ground Liner® RGB por salida DMX.
 Máximo 100 metros del controlador al amplificador.
 Máximo 100 metros del amplificador al último Ground Liner® RGB.

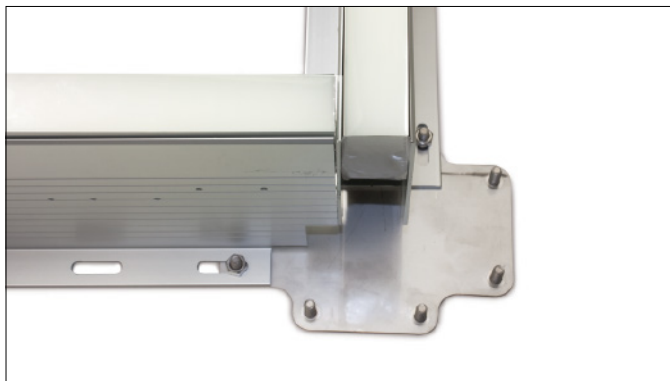
B

UP TO 5 GROUND LINER® RGB WITH DMX.
HASTA 5 GROUND LINER® RGB CON DMX.

Maximum 5 Ground Liner® RGB per DMX controller.
 Maximum 100 meters from controller to last Ground Liner® RGB.

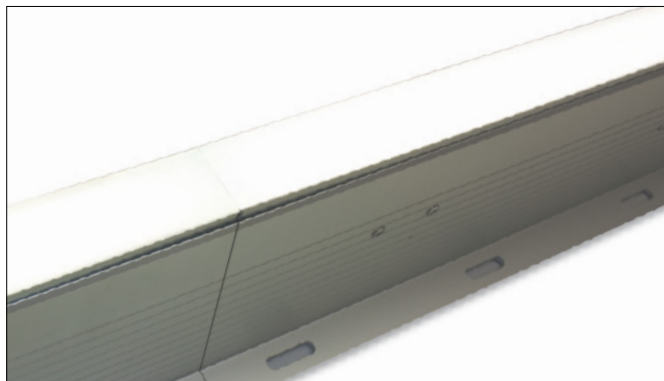
Máximo 5 Ground Liner® RGB por controlador DMX.
 Máximo 100 metros del controlador al último Ground Liner® RGB.

DETAILS DETALLES



The fixation kit "ILX" allows the installation of several Ground Liner® creating a continuous light effect.

El kit de unión "ILX" permite la instalación de varios Ground Liner® creando efectos de luz continua.



The fully resined fixture offers a protection class IP 66/68, an impact resistance IK10 and supports a pressure on the fixture of 30kN. To be walked on and drive on. Not allowed for motorways.

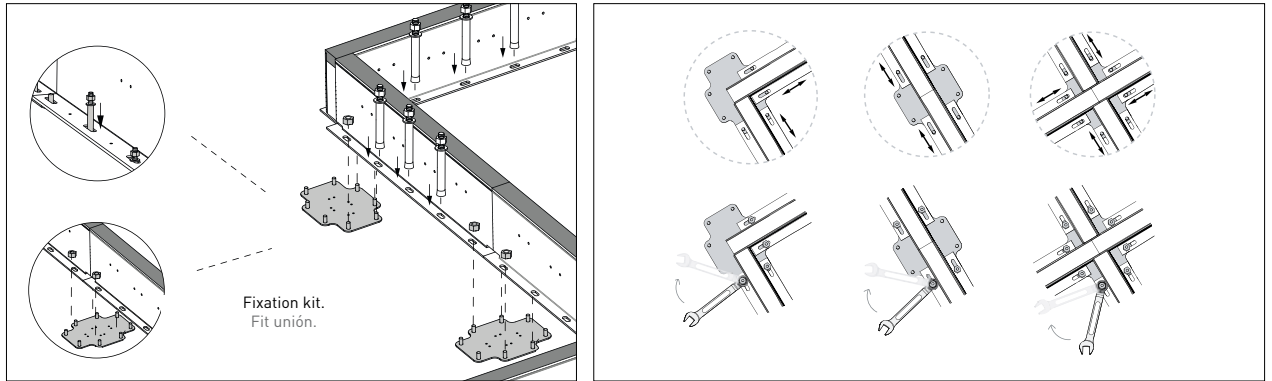
Luminaria completamente resinada, que ofrece un grado de protección IP66/68, un grado de impacto IK10 y soporta una presión sobre la luminaria de 30kN. Pisable y transitable. No apto para vías rápidas.



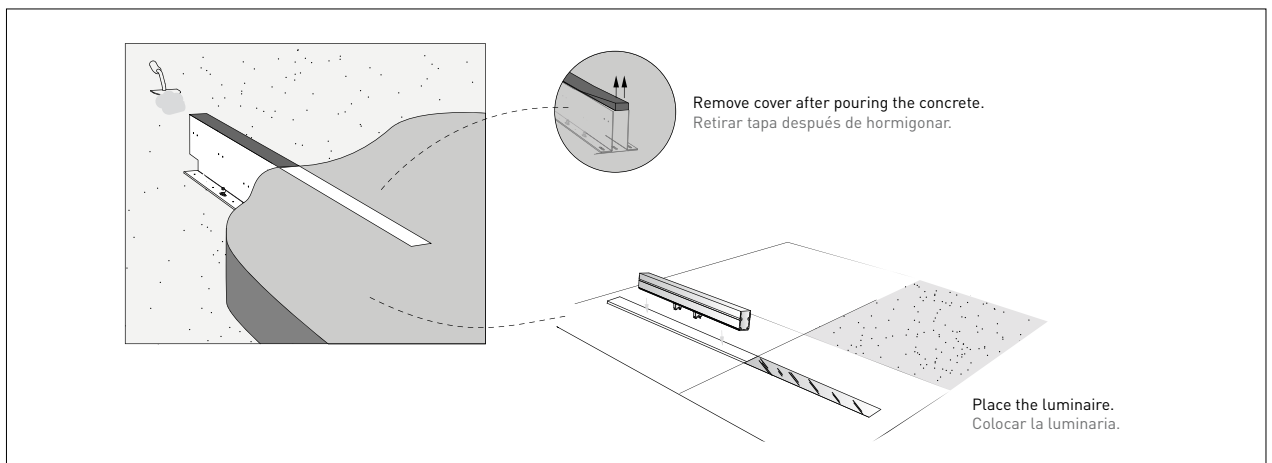
San Andrés Square,
Talavera de la Reina, SPAIN.

INSTALLATION
INSTALACIÓN

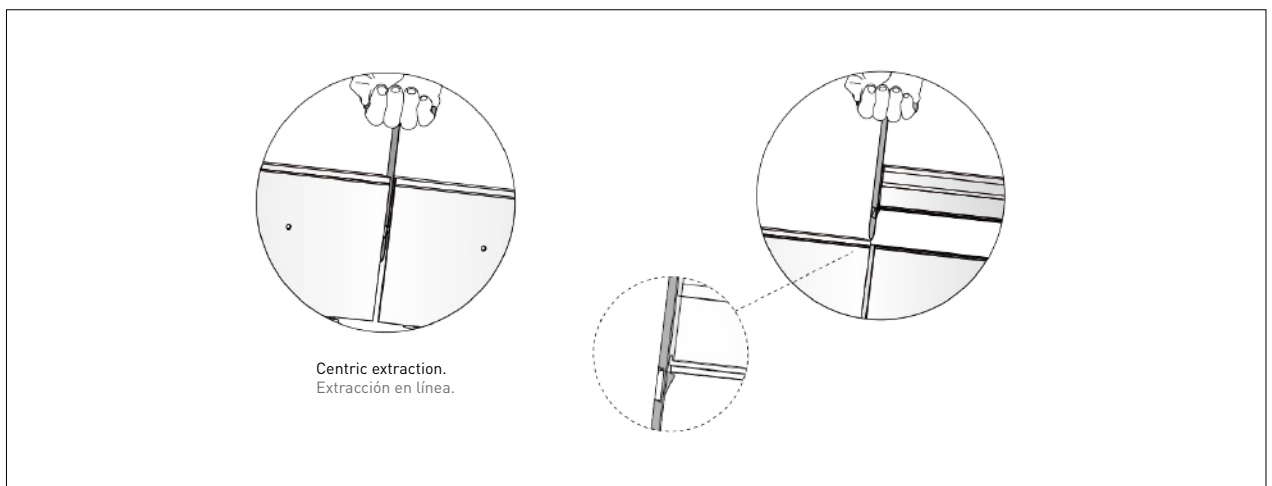
1 Recessed box installation.
Instalación cajetín.



2 Concrete.
Hormigonado.



3 Extraction tool.
Útil de extracción.



REFERENCES REFERENCIAS

71011 0 1 /80/2K8

COLOR COLOR

/80/2K8	2800K
/80/4K1	4100K
/80/5K2	5200K
/03	Red Rojo
/04	Amber Ambar
/08	Green Verde
/09	Blue Azul
/11	RGB *

LENGTH LONGITUD

1	1000 mm
2	750 mm
3	500 mm
4	250 mm**

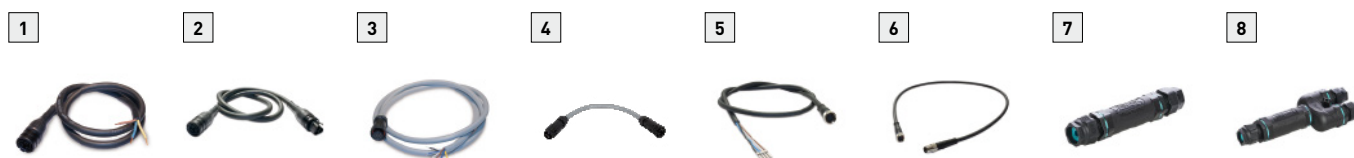
RECESSED BOX HEIGHT ALTURA DEL CAJETIN

0	(125 mm) High Alto
1	(80 mm) Low Bajo

* Only available in 1000 mm and 500 mm.
Sólo disponible en 1000 mm y 500 mm.

** Only suitable for end of the line.
Sólo para final de línea.

ACCESSORIES REFERENCES REFERENCIAS ACCESORIOS



	For high recessed box (monocolor)	Para cajetín de empotrar alto (monocolor)	
M030331	1 m power cable	Cable alimentación 1 m	1
M030329	1 m extension cable	Cable extensión 1 m	2
M030328	End cap	Tapón final	
	For high recessed box (RGB)	Para cajetín de empotrar alto (RGB)	
M030580	2 m power cable (5 poles-female)	Cable alimentación 2 m (5 polos-hembra)	3
M030581	1 m extension cable (5 poles)	Cable extensión 1 m (5 polos)	4
M083174	120 OHM end cap (5 poles-male)	Tapón final 120 OHM (5 polos-macho)	
	For low recessed box (monocolor / RGB)	Para cajetín de empotrar bajo (monocolor / RGB)	
M030360	Power cable 70 cm	Cable alimentación 70 cm	5
M030368	Extension cable 1 m	Cable extensión 1 m	6
M030369	End cap	Tapón final	
	For installation.	Para instalación.	
M030243	IP68 "I" connection Ø6-13,5mm Tee Tube (3 poles)	Conexión "I" Ø6-13,5mm IP68 Tee Tube (3 polos)	7
M030245	IP68 "Y" connection Ø6-17mm Tee Tube (5 poles)	Conexión "Y" Ø6-17mm IP68 Tee Tube (5 polos)	8
M030154	3 x 1,5 mm ² H07RN-F cable (m)	Cable 3 x 1,5 mm ² H07RN-F (m)	
M030224	BELDEN 3105A cable (m)	Cable BELDEN 3105A (m)	
7150203	DMX Addresser Setup	DMX Addresser Setup	

RECESSED BOX
CAJETÍN DE EMPOTRAR

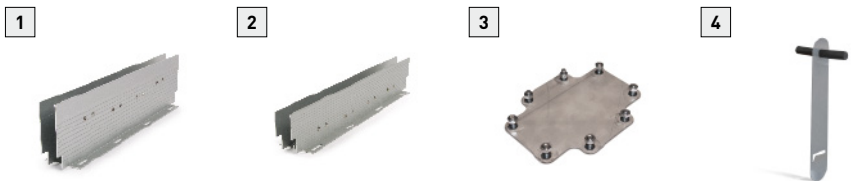


High recessed box (125 mm).
Cajetín de empotrar alto (125 mm).



Low recessed box (80 mm).
Cajetín de empotrar bajo (80 mm).

REFERENCES
REFERENCIAS



7101191/C12	High recessed box (125 mm). L.1000 mm	Cajetín de empotrar alto (125 mm). L.1000 mm	1
7101192/C12	High recessed box (125 mm). L.750 mm	Cajetín de empotrar alto (125 mm). L.750 mm	
7101193/C12	High recessed box (125 mm). L.500 mm	Cajetín de empotrar alto (125 mm). L.500 mm	
7101194/C12	High recessed box (125 mm). L.250 mm	Cajetín de empotrar alto (125 mm). L.250 mm	
7101171/C12	Low recessed box (80 mm). L.1000 mm	Cajetín de empotrar bajo (80 mm). L.1000 mm	2
7101172/C12	Low recessed box (80 mm). L.750 mm	Cajetín de empotrar bajo (80 mm). L.750 mm	
7101173/C12	Low recessed box (80 mm). L.500 mm	Cajetín de empotrar bajo (80 mm). L.500 mm	
7101174/C12	Low recessed box (80 mm). L.250 mm	Cajetín de empotrar bajo (80 mm). L.250 mm	
7101195	Fixation kit "ILX"	Kit unión "ILX"	3
7101196	Centric extraction tool	Útil extracción en línea	4

Private residential,
Sta. Cruz de Tenerife, Spain





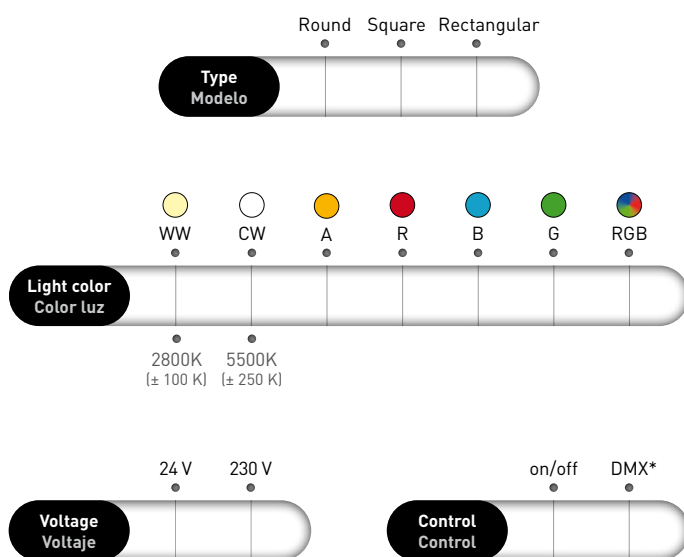
MUNDO MARKER®



MUNDO MARKER®

ROUND / SQUARE / RECTANGULAR

- Guide lighting
 - Wide range of types and powers
 - 3 versions: round, square and rectangular
 - Opal diffuser
 - Homogenous light
 - Wall or ground recessed box
 - Small recessed dimension
- Luz para guiar
 - Gran variedad de modelos y potencias
 - 3 versiones: redondo, cuadrado y rectangular
 - Difusor opal
 - Luz uniforme
 - Caja de empotrar independiente
 - Reducida cota de empotramiento



* Only available in RGB.
Sólo disponible para RGB.

SPECIFICATIONS
CARACTERÍSTICAS

IK08 round square	IK07 rectangular	IP67	DMX	Stainless steel ring	GLASS Cover	Ta min -20°C -4°F Ta max +50°C +122°F	CE
-------------------------	---------------------	------	-----	----------------------------	----------------	--	----

Mundo Marker® Round							
LEDs	12	12	12	12	12	12	10
Color temperatures	2800K	5500K	Amber	Red	Blue	Green	RGB
Lumens output	52 lm	79 lm	-	-	-	-	18 lm
Power (230 V AC)	3,1 W	3,1 W	2,3 W	2,3 W	3,1 W	3,1 W	3,6 W
Luminaire efficiency (230 V AC)	17 lm/W	25 lm/W	-	-	-	-	5 lm/W
Power (24 V DC)	1,6 W	1,6 W	1,1 W	1,1 W	1,6 W	1,6 W	3 W
Luminaire efficiency (24 V DC)	32 lm/W	49 lm/W	-	-	-	-	6 lm/W
Voltage	24 V DC (class III)			230 V AC (class II)			
Measures *	Ø 95 x 179 mm						
Weight *	420 gr						

Mundo Marker® Square							
LEDs	16	16	16	16	16	16	20
Color temperatures	2800K	5500K	Amber	Red	Blue	Green	RGB
Lumens output	105 lm	123 lm	-	-	-	-	35 lm
Power (230 V AC)	3,8 W	3,8 W	2,3 W	2,3 W	3,8 W	3,8 W	6,6 W
Luminaire efficiency (230 V AC)	28 lm/W	32 lm/W	-	-	-	-	5 lm/W
Power (24 V DC)	2 W	2 W	1 W	1 W	2 W	2 W	6 W
Luminaire efficiency (24 V DC)	53 lm/W	62 lm/W	-	-	-	-	6 lm/W
Voltage	24 V DC (class III)			230 V AC (class II)			
Measures *	100 x 100 x 134 mm						
Weight *	590 gr						

Mundo Marker® Rectangular							
LEDs	40	40	40	40	40	40	40
Color temperatures	2800K	5500K	Amber	Red	Blue	Green	RGB
Lumens output	215 lm	246 lm	-	-	-	-	72 lm
Power (230 V AC)	7,6 W	7,6 W	4,6 W	4,6 W	7,6 W	7,6 W	12,7 W
Luminaire efficiency (230 V AC)	28 lm/W	32 lm/W	-	-	-	-	6 lm/W
Power (24 V DC)	4 W	4 W	2 W	2 W	4 W	4 W	11 W
Luminaire efficiency (24 V DC)	54 lm/W	75 lm/W	-	-	-	-	7 lm/W
Voltage	24 V DC (class III)			230 V AC (class II)			
Measures *	200 x 100 x 134 mm						
Weight *	1,1 kg						

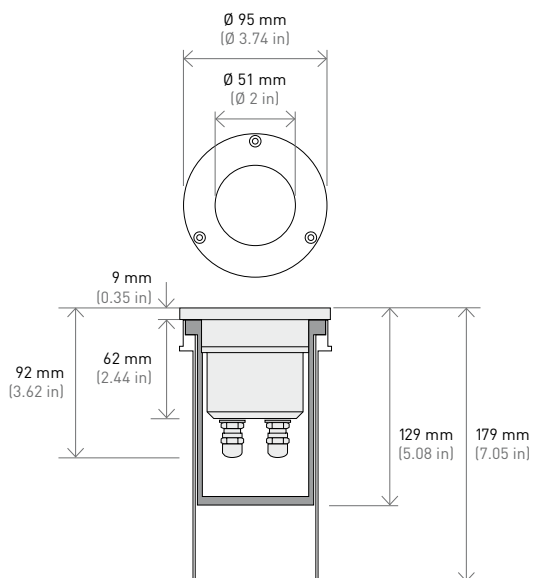
* Recessed box included.
Incluye precajetín.

Color temperature conform to **ANSI C78.377A**.
Lumens measurement conform to **LM-79-08**.
Lumens maintenance conform to **LM-80-08**.

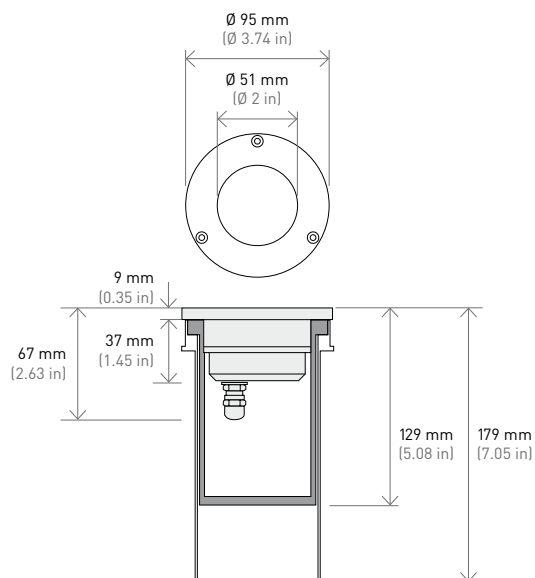
Temperatura de color según normativa **ANSI C78.377A**.
Medición lumens según normativa **LM-79-08**.
Mantenimiento lumens según normativa **LM-80-08**.

MEASURES MEDIDAS

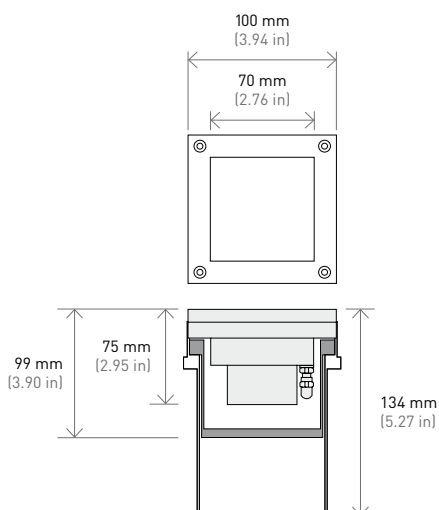
Mundo Marker® Round
230 V AC



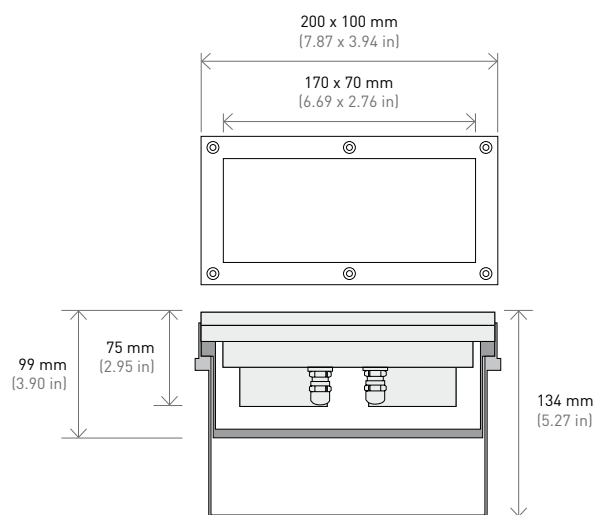
Mundo Marker® Round
24 V DC



Mundo Marker® Square
24 V DC / 230 V AC



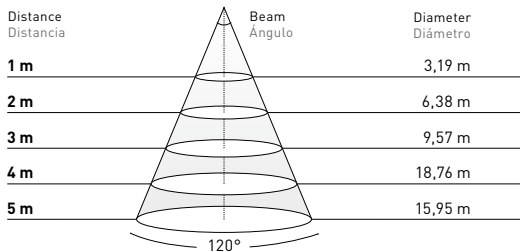
Mundo Marker® Rectangular
24 V DC / 230 V AC



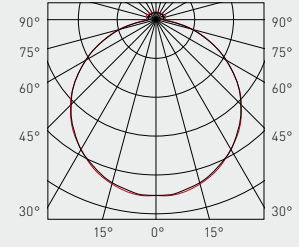
LIGHT DISTRIBUTION CURVES
FOTOMETRÍAS

Mundo Marker® Round

120°

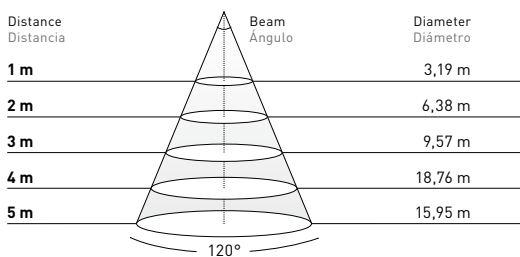


	2800K	5500K	RGB
	WARM WHITE BLANCO CÁLIDO	COOL WHITE BLANCO FRÍO	
	16 lux	24 lux	5 lux
	4 lux	6 lux	1 lux
	2 lux	3 lux	1 lux
	1 lux	1 lux	0 lux
	1 lux	1 lux	0 lux

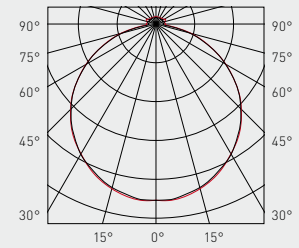


Mundo Marker® Square

120°

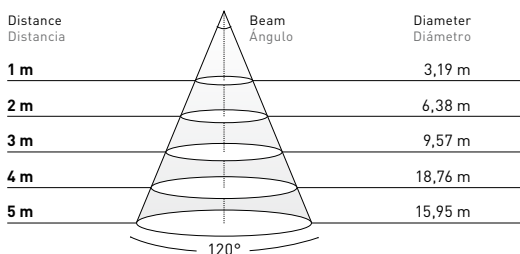


	2800K	5500K	RGB
	WARM WHITE BLANCO CÁLIDO	COOL WHITE BLANCO FRÍO	
	31 lux	37 lux	10 lux
	8 lux	9 lux	3 lux
	3 lux	4 lux	1 lux
	2 lux	2 lux	1 lux
	1 lux	1 lux	0 lux

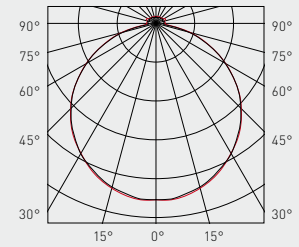


Mundo Marker® Rectangular

120°



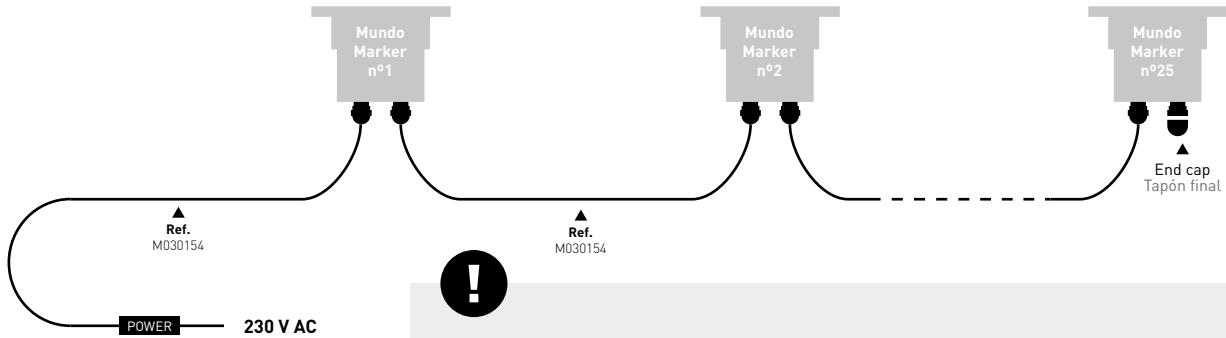
	2800K	5500K	RGB
	WARM WHITE BLANCO CÁLIDO	COOL WHITE BLANCO FRÍO	
	64 lux	73 lux	21 lux
	16 lux	18 lux	5 lux
	7 lux	8 lux	2 lux
	4 lux	5 lux	1 lux
	3 lux	3 lux	1 lux



Lumen measurement complies with **UNE-EN 13032 / IES LM-79-08** testing procedures.
Light distribution curves are available at www.grupo-mci.com.
Due to continuous improvements and innovations, specifications may change without notice.

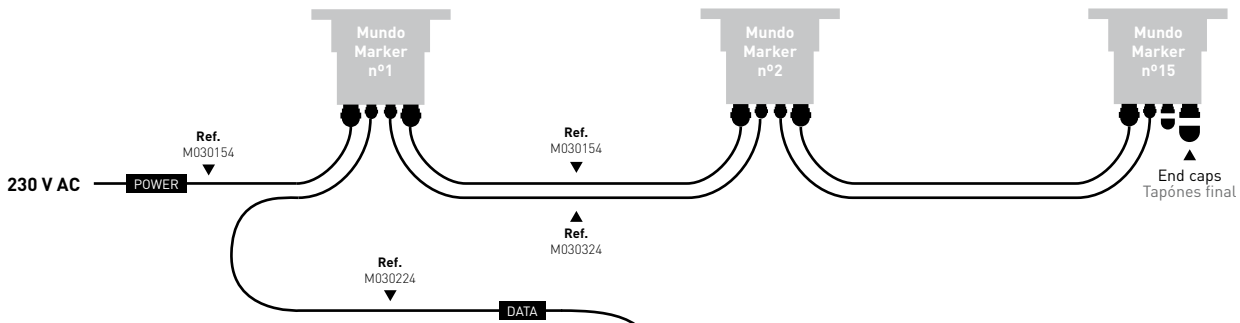
Ensayado bajo las especificaciones de la norma **UNE-EN 13032 / IES LM-79-08**.
Fotometrías disponibles en www.grupo-mci.com.
Debido a las continuas mejoras e innovaciones, las especificaciones pueden cambiar sin previo aviso.

230 V AC CONNECTIONS (MONOCOLOR) CONEXIONES 230 V AC (MONOCOLOR)



Maximum 25 Mundo Marker® per chain. Maximum 50 m from the power connection to the last Mundo Marker®.
Máximo 25 Mundo Marker®. Máximo 50 m desde el punto de conexión hasta el último Mundo Marker®.

230 V AC CONNECTIONS (RGB) CONEXIONES 230 V AC (RGB)



MORE THAN 1 CHAIN OF MUNDO MARKER® WITH DMX.
PARA MÁS DE 1 CADENA OF MUNDO MARKER® WITH DMX.

UP TO 15 MUNDO MARKER® IN CHAIN WITH DMX.
HASTA 15 MUNDO MARKER® EN CADENA CON DMX.



A

MORE THAN 15 MUNDO MARKER® WITH DMX.
PARA MÁS DE 15 MUNDO MARKER® CON DMX.

Maximum 15 Mundo Marker® per DMX output.
Maximum 100 m from controller to the amplifier.
Maximum 100 m from amplifier to last Mundo Marker®.

Máximo 15 Mundo Marker® por salida DMX.
Máximo 100 m del controlador al amplificador.
Máximo 100 m del amplificador al último Mundo Marker®.

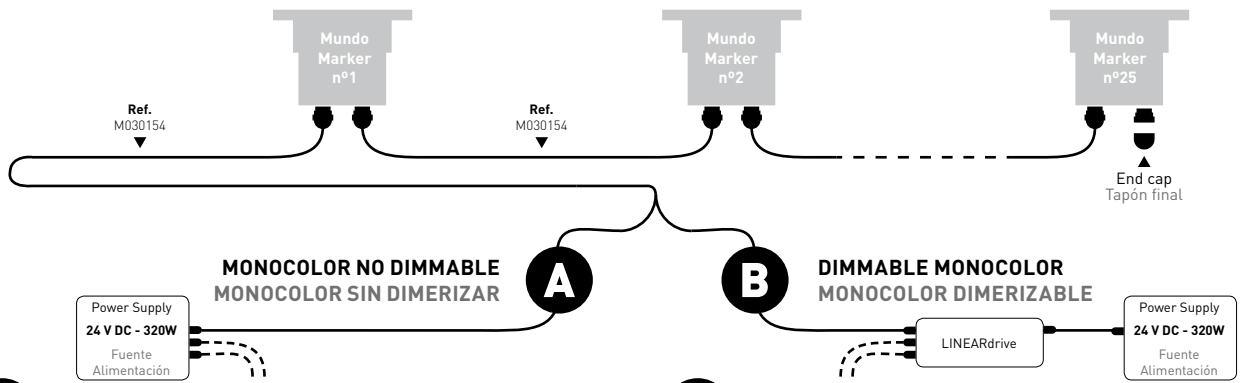
B

UP TO 15 MUNDO MARKER® WITH DMX.
HASTA 15 MUNDO MARKER® CON DMX.

Maximum 15 Mundo Marker® per DMX controller.
Maximum 100 m from controller to last Mundo Marker®.

Máximo 15 Mundo Marker® por controlador DMX.
Máximo 100 m del controlador al último Mundo Marker®.

24 V DC CONNECTIONS (MONOCOLOR)
CONEXIONES 24 V DC (MONOCOLOR)



A

MONOCOLOR NO DIMMABLE
MONOCOLOR SIN DIMERIZAR

Maximum 25 Mundo Marker® in chain connection to PSU 24 V DC - 320W.
 Maximum 3 chains (max. 75 Mundo Marker®).
 Maximum 25 m from the power supply to the last Mundo Marker®.

Máximo 25 Mundo Marker® en cadena conectados a fuente de alimentación de 24 V DC - 320W.
 Máximo 3 cadenas (máx. 75 Mundo Marker®).
 Máximo 25 m desde la fuente de alimentación al último Mundo Marker®.

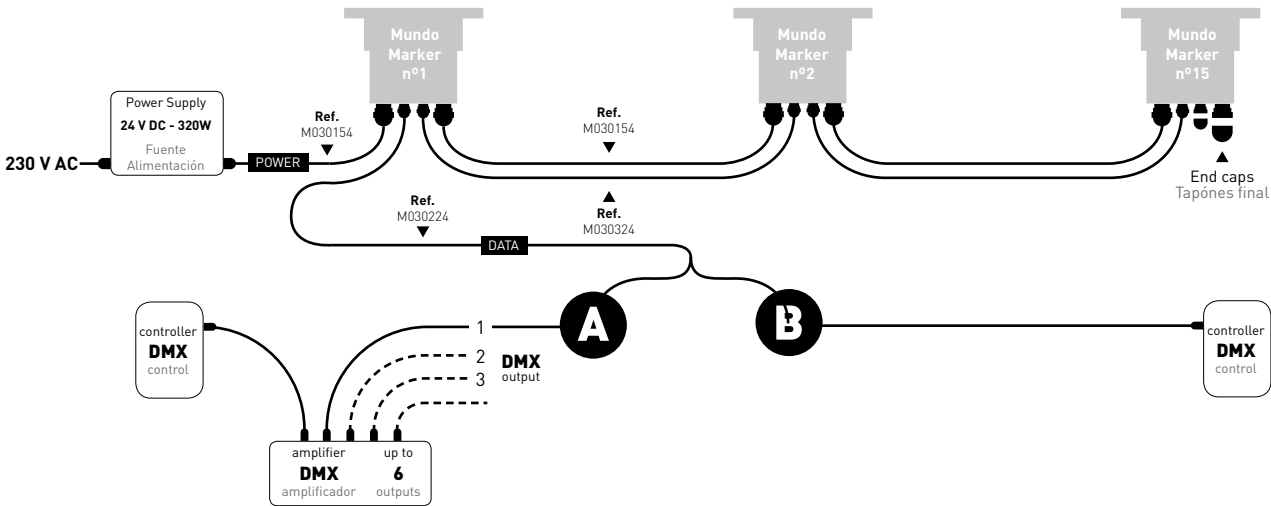
B

DIMMABLE WITH LINEARdrive 720
DIMERIZABLE CON LINEARdrive 720

Maximum 25 Mundo Marker® in chain connection to LINEARdrive 720 (PSU 24 V DC - 320W).
 Maximum 3 chains (max. 75 Mundo Marker®).
 Maximum 25 m from the power supply to the last Mundo Marker®.

Máximo 25 Mundo Marker® en cadena conectados al LINEARdrive 720 (fuente de alimentación de 24 V DC - 320W).
 Máximo 3 cadenas (máx. 75 Mundo Marker®).
 Máximo 25 m desde la fuente de alimentación al último Mundo Marker®.

24 V DC CONNECTIONS (RGB)
CONEXIONES 24 V DC (RGB)



A

MORE THAN 15 MUNDO MARKER® WITH DMX.
PARA MÁS DE 15 MUNDO MARKER® CON DMX.

Maximum 15 Mundo Marker® RGB per DMX output.
 Maximum 100 m from controller to the amplifier.
 Maximum 100 m from amplifier to last Mundo Marker® RGB.

Máximo 15 Mundo Marker® RGB por salida DMX.
 Máximo 100 m del controlador al amplificador.
 Máximo 100 m del amplificador al último Mundo Marker® RGB.

B

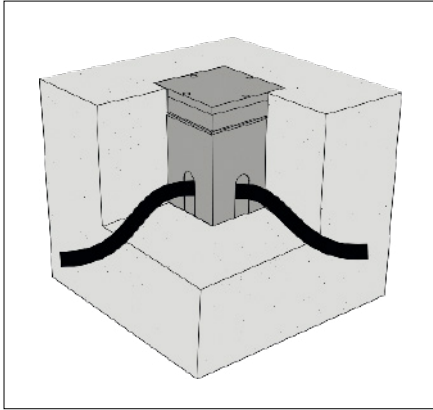
UP TO 15 MUNDO MARKER® WITH DMX.
HASTA 15 MUNDO MARKER® CON DMX.

Maximum 15 Mundo Marker® RGB per DMX controller.
 Maximum 100 m from controller to last Mundo Marker® RGB.

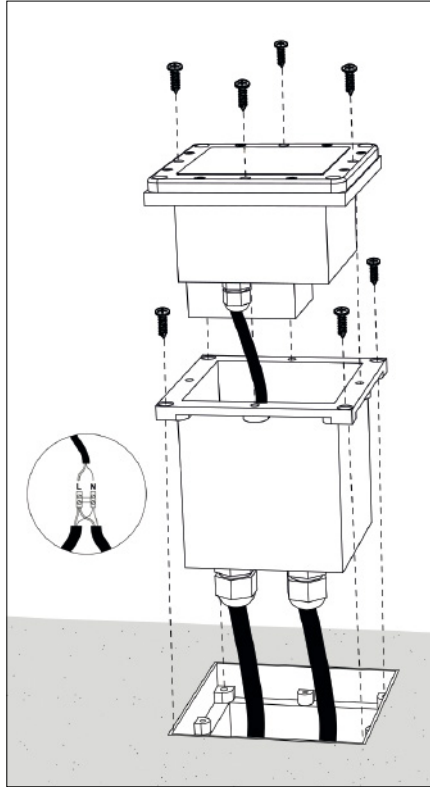
Máximo 15 Mundo Marker® RGB por controlador DMX.
 Máximo 100 m del controlador al último Mundo Marker® RGB.

INSTALLATION
INSTALACIÓN

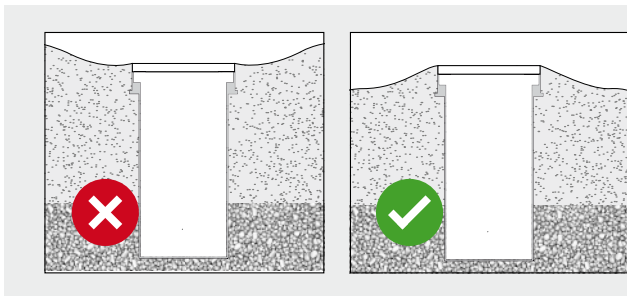
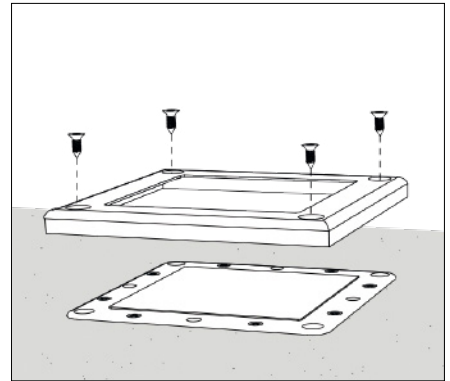
Recessed box installation.
Instalación precajetín.



Installation and connection.
Instalación y conexión.



Place the embellisher.
Colocar el embellecedor.



Temporarily
immersion
protection

A crushed stone surrounding the recessed box is recommended for a correct drainage. Avoid its placing in ground depression.
Incorrect drainage, may cause the loss of warranty.

Para un drenaje correcto se recomienda una capa de grava alrededor de la caja de empotramiento. Evite su colocación en depresiones del terreno.
Un drenaje incorrecto puede significar la pérdida de garantía.

ACCESSORIES REFERENCES
REFERENCIAS ACCESORIOS

1



2



3



7132012	Round recessed box	Precajetín redondo	1
7132022	Square recessed box	Precajetín cuadrado	2
7132032	Rectangular recessed box	Precajetín rectangular	3

	For installation.	Para instalación.	
M030154	3 x 1,5 mm ² H07RN-F cable (m) (monocolor)	Cable 3 x 1,5 mm ² H07RN-F (m) (monocolor)	
M030224	BELDEN 3105A cable (m) (RGB)	Cable BELDEN 3105A (m) (RGB)	

REFERENCES
REFERENCIAS
71321 | **1** | **1** | **/70/2K8**
COLOR | **COLOR**

/70/2K8	2800K
/70/5K5	5500K
/04	Amber Ambar
/03	Red Rojo
/09	Blue Azul
/08	Green Verde
/11	RGB

VOLTAGE | **VOLTAJE**

1	230 V AC
2	24 V DC

TYPE | **MODELO**

1	Round
2	Square
3	Rectangular



Miramar Hotel,
Barcelona, SPAIN.

Private residential,
Granada, Spain





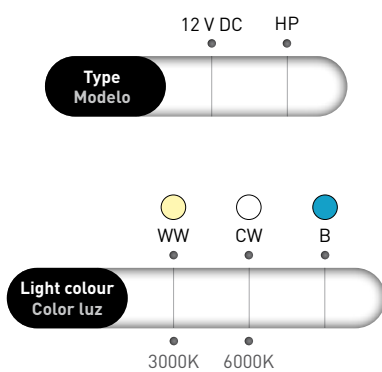
PLOT GLOW®



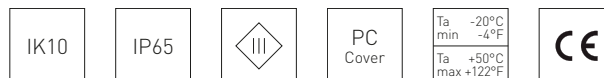
PLOT GLOW®

12 V & HP

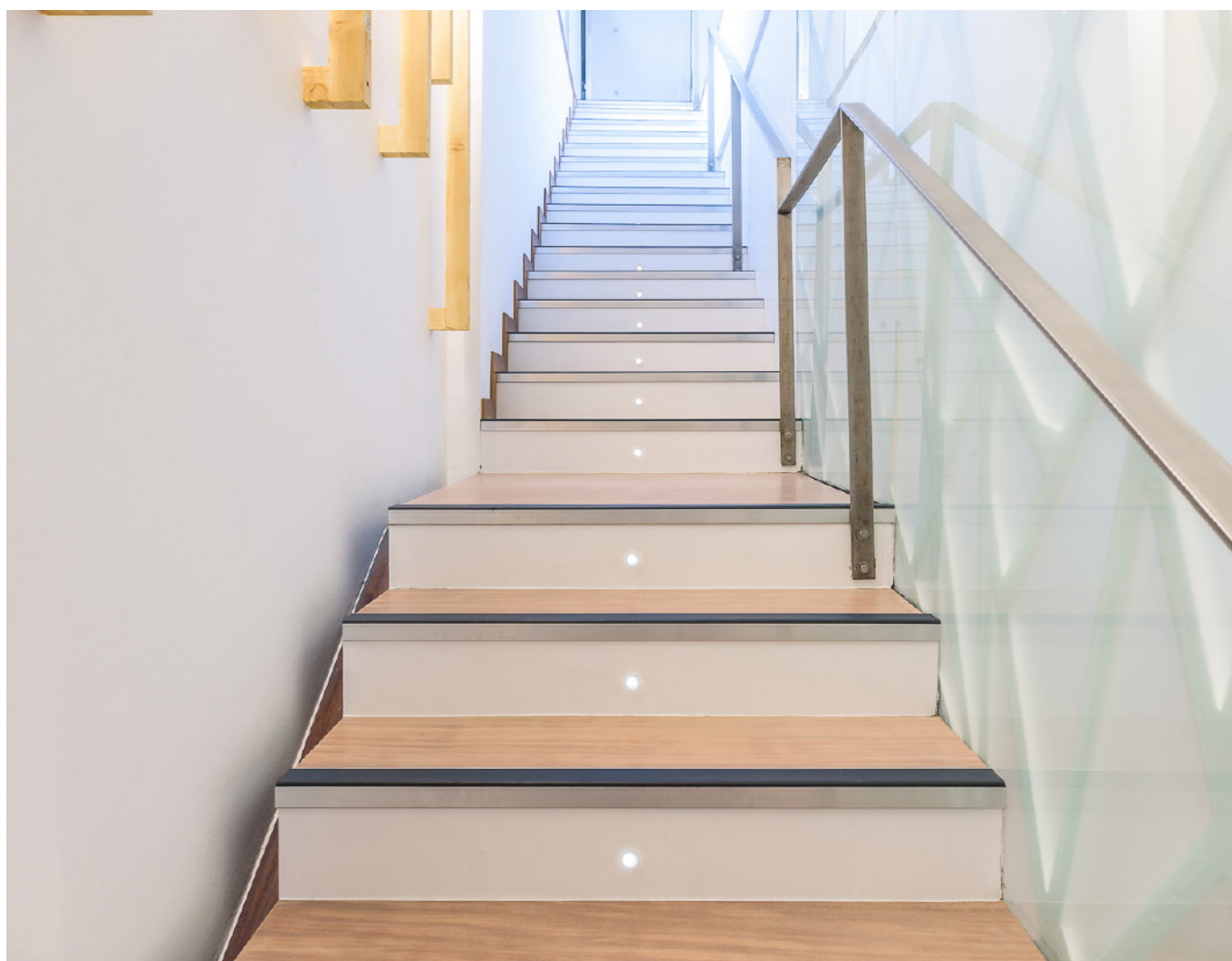
- Guide lighting
- Opal or clear diffuser
- Small dimensions
- Small recessed dimension
- Luz para guiar
- Difusor opal o transparente
- Dimensiones reducidas
- Reducida cota de empotramiento



SPECIFICATIONS
CARACTERÍSTICAS



Plot Glow®			
Measures	Ø27,5 x 34,8 mm		
Weight	17 gr.		
PLOT GLOW 12 V DC (Opal lens)			
Power	0,24 W		
Color temperatures	3000K	6000K	Blue
Lumens output	7 lm	10 lm	2 lm
Luminaire efficiency	30 lm/W	42 lm/W	8 lm/W
PLOT GLOW HP - 350 mA (Opal lens)			
Power	1 W		
Color temperatures	3000K	6000K	Blue
Lumens output	32 lm	40 lm	10 lm
Luminaire efficiency	32 lm/W	40 lm/W	10 lm/W
PLOT GLOW HP - 350 mA (Clear lens - 15°)			
Power	1 W		
Color temperatures	3000K	6000K	Blue
Lumens output	55 lm	69 lm	17 lm
Luminaire efficiency	55 lm/W	69 lm/W	17 lm/W

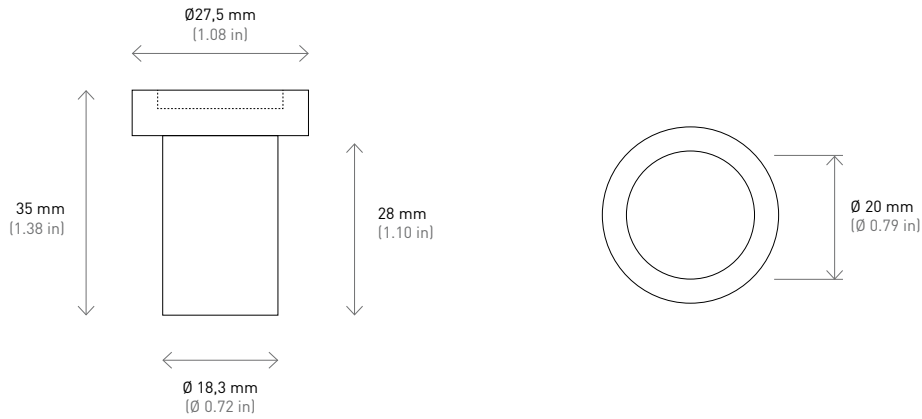


Color temperature conform to **ANSI C78.377A**.
Lumens measurement conform to **LM-79-08**.
Lumens maintenance conform to **LM-80-08**.

Temperatura de color según normativa **ANSI C78.377A**.
Medición lumens según normativa **LM-79-08**.
Mantenimiento lumens según normativa **LM-80-08**.

Kaskazuri restaurant,
San Sebastián, Spain

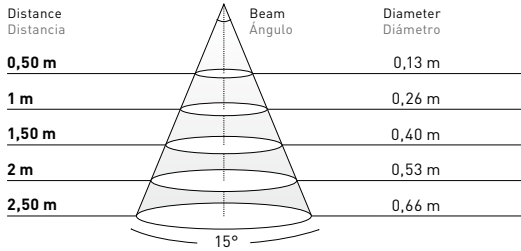
MEASURES MEDIDAS



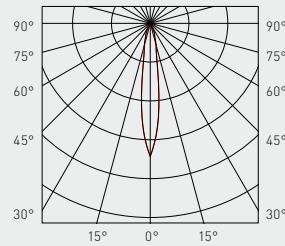
LIGHT DISTRIBUTION CURVES FOTOMETRÍAS

PLOT GLOW® HP

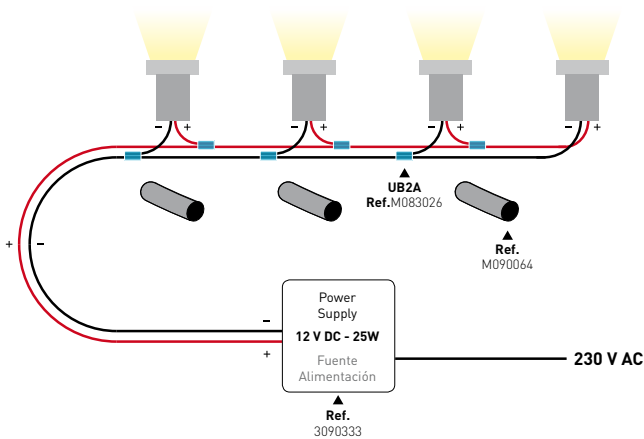
15°



3000K	6000K
WARM WHITE BLANCO CÁLIDO	COLD WHITE BLANCO FRÍO
1422 lux	1777 lux
355 lux	444 lux
158 lux	197 lux
89 lux	111 lux
57 lux	71 lux

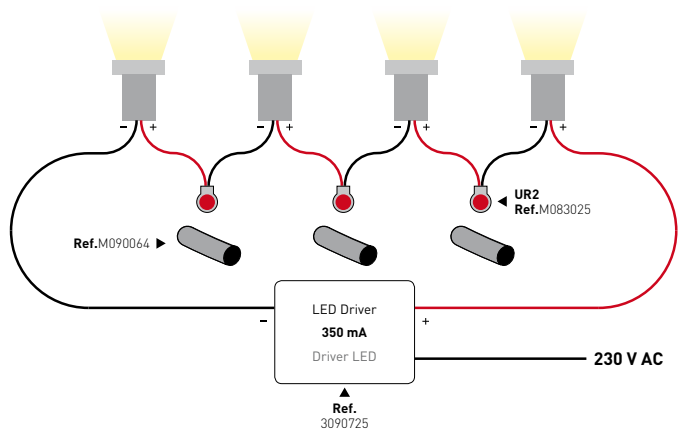


12 V CONNECTIONS CONEXIONES 12 V



Maximum 100 Plot Glow® in parallel with 25W transformer.
Máximo 100 Plot Glow® en paralelo con transformador de 25 W.

HP CONNECTIONS CONEXIONES HP



Maximum 10 Plot Glow® in series with LED Driver 350 mA.
Máximo 10 Plot Glow® en serie con Driver LED de 350 mA.

REFERENCES
REFERENCIAS

Plot Glow 12 V	Cool White	Blanco frío	6000K	Opal lens Lente opal		7120220/70/6K
	Warm white	Blanco cálido	3000K			7120220/70/3K
	Blue	Azul	-			7120220/09
Plot Glow HP 350 mA	Cool White	Blanco frío	6000K	Opal lens Lente opal		7120221/70/6K
	Warm white	Blanco cálido	3000K			7120221/70/3K
	Blue	Azul	-			7120221/09
Plot Glow HP 350 mA	Cool White	Blanco frío	6000K	Clear lens Lente transparente	15° beam Ángulo 15°	7120225/70/6K
	Warm white	Blanco cálido	3000K			7120225/70/3K

ACCESSORIES REFERENCES
REFERENCIAS ACCESORIOS



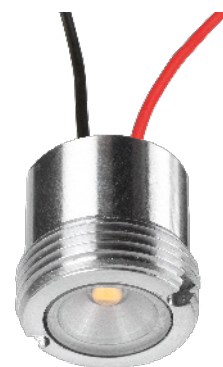
M083025	UR2 3M end piece connector	Conector - Terminal UR2 3M	1
M083026	UB2A 3M connector	Conector UB2A 3M	2
M090064	Heat shrinkable tube with resine	Tubo termoretráctil con resina	3
3090333	Power Supply 12 V DC 25W	Fuente alimentación 12 V DC 25 W	4
3090725	LED driver 350 mA 15 W	Driver LED 350 mA 15 W	5

Chicago Riverwalk,
USA





HANDRAIL DOT®



HANDRAIL DOT®

- Dot designed to be integrated in new or retrofitted handrails
- Suitable for outdoor: IP66, IK10, and anti-vandalism
- Flat and curved types
- 3 beam angles: 60°, 120° and 90° (asymmetric)
- Luminous efficiency: 100 lm/W
- 316 stainless steel unibody dot
- Polycarbonate lens
- Accessories: Installation tool and M16 Drill jig equipment
- Dot diseñado para integrarse en barandillas y pasamanos nuevos o existentes
- Apto para exteriores: IP66, IK10 y antivandálico
- Modelos planos y curvados
- 3 ángulos de apertura: 60°, 120° y 90° (asimétrico)
- Eficiencia luminosa: 100 lm/W
- Dot monobloque acero inox 316
- Lente de policarbonato
- Accesorios: Herramienta instalación y Kit plantilla mecanizado M16



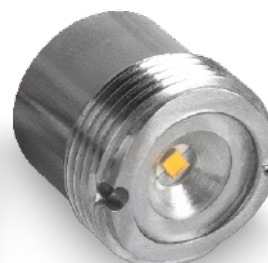
Flat - 120°



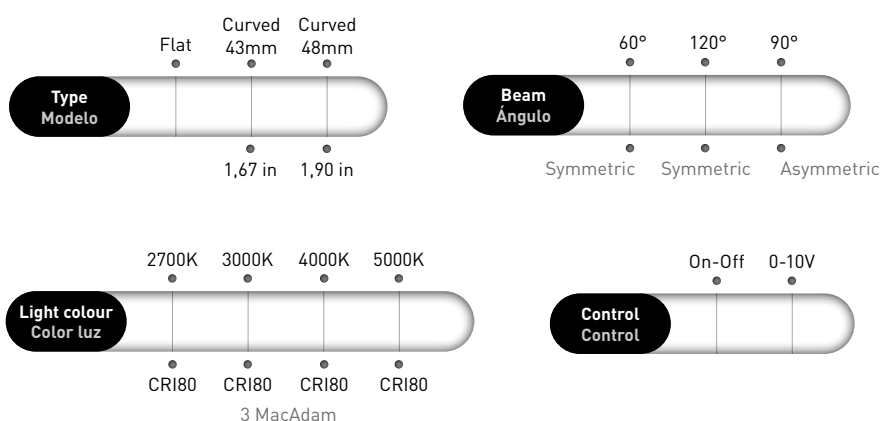
Flat - 60°



Flat - Asym.



Curved - 60°



Minimum wall thickness 1,5mm.
Grosor mínimo de la barandilla 1,5mm.

Suitable for handrails with diameter Ø43 and Ø48 mm.
Apto para barandillas de diámetro 43 y 48mm.

SPECIFICATIONS
CARACTERÍSTICAS

IP66	IK10		on/off 0-10V	INOX 316 Housing	PC Lens	Ta min -20°C -4°F Ta max +50°C +122°F	
------	------	---	-----------------	------------------------	------------	--	---

Dot Handrail® Flat & Curved				
Power	1,5 W (500mA)			
Color temperatures	2700K	3000K	4000K	5000K
Lumens output	60° - 114 lm 120° - 120 lm 90°(asymmetric) - 108 lm	60° - 120 lm 120° - 126 lm 90°(asymmetric) - 114 lm	60° - 136 lm 120° - 143 lm 90°(asymmetric) - 129 lm	60° - 136 lm 120° - 143 lm 90°(asymmetric) - 129 lm
Luminaire efficiency	72 to 80 lm/W	76 to 84 lm/W	86 to 96 lm/W	86 to 96 lm/W
Measures / Weight	14,7 x 15 mm / 0,1 kg			



Color temperature conform to **ANSI C78.377A**.
Lumens measurement conform to **LM-79-08**.
Lumens maintenance conform to **LM-80-08**.

Temperatura de color según normativa **ANSI C78.377A**.
Medición lumens según normativa **LM-79-08**.
Mantenimiento lumens según normativa **LM-80-08**.

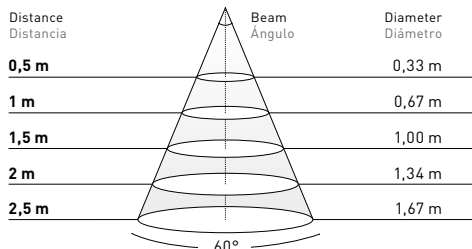
New York, USA

LIGHT DISTRIBUTION CURVES FOTOMETRÍAS

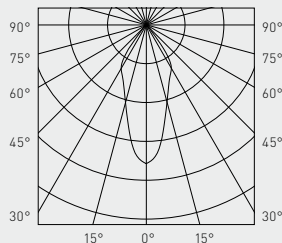
Handrail Dot®

60°

3000K



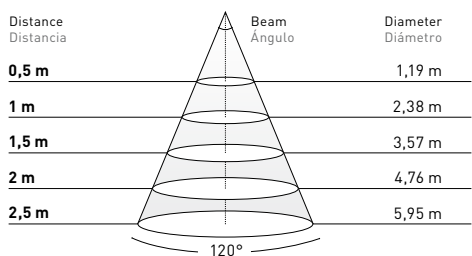
540 lux
135 lux
60 lux
34 lux
22 lux



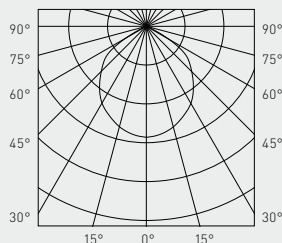
Handrail Dot®

120°

3000K



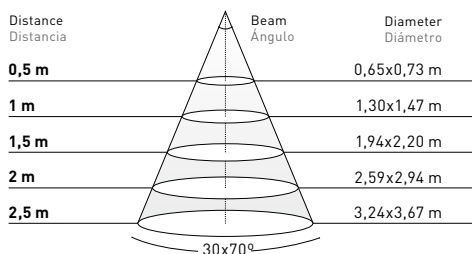
227 lux
57 lux
25 lux
14 lux
9 lux



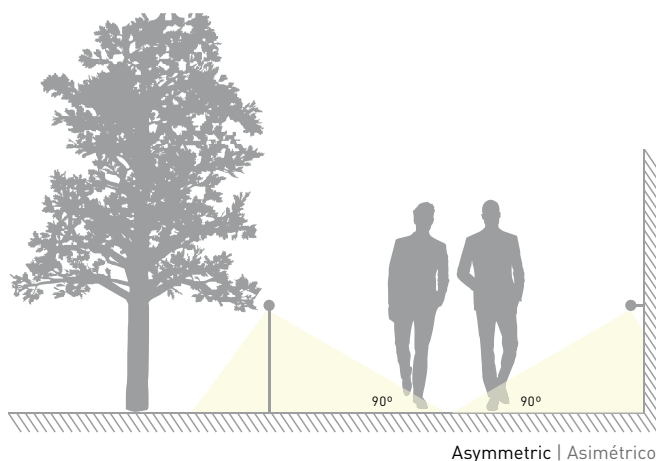
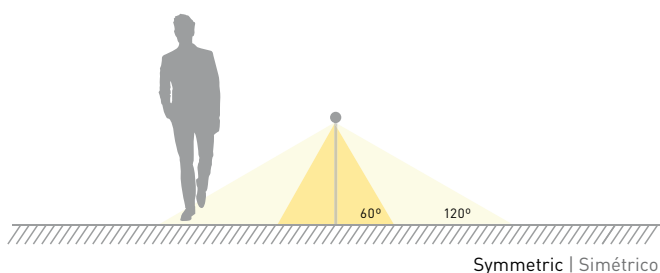
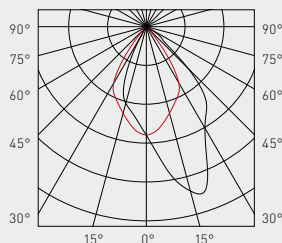
Handrail Dot® Asym.

90°

5000K



398 lux
100 lux
44 lux
25 lux
16 lux

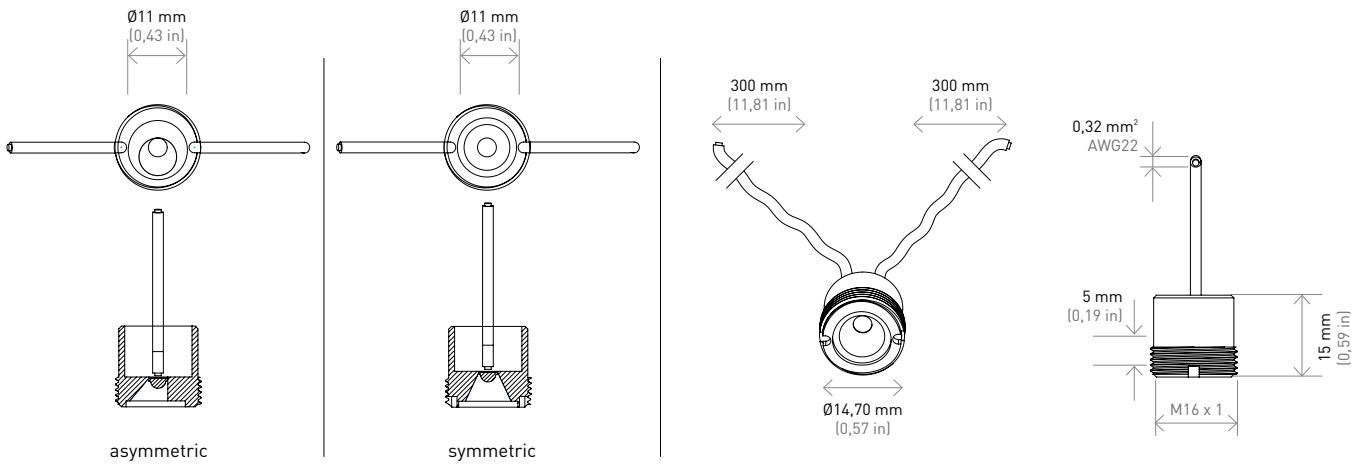


Data calculated with **Handrail Dot®**.
Lumen measurement complies with **UNE-EN 13032 / IES LM-79-08** testing procedures.
Light distribution curves are available at www.grupo-mci.com.
Due to continuous improvements and innovations, specifications may change without notice.

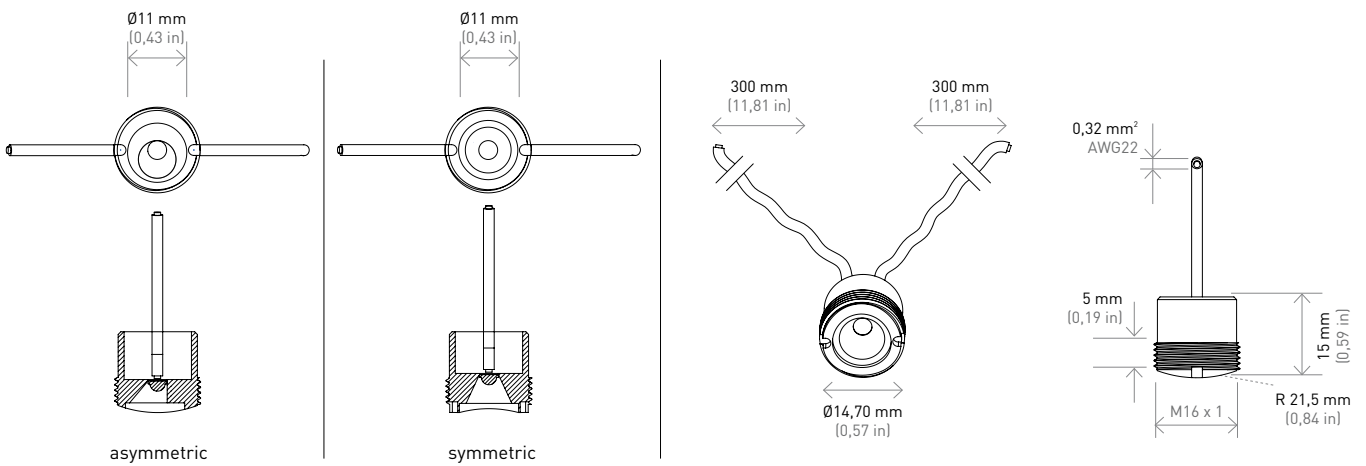
Datos calculados con **Handrail® Dot**.
Ensayado bajo las especificaciones de la norma **UNE-EN 13032 / IES LM-79-08**.
Fotometrías disponibles en www.grupo-mci.com.
Debido a las continuas mejoras e innovaciones, las especificaciones pueden cambiar sin previo aviso.

**MEASURES
MEDIDAS**

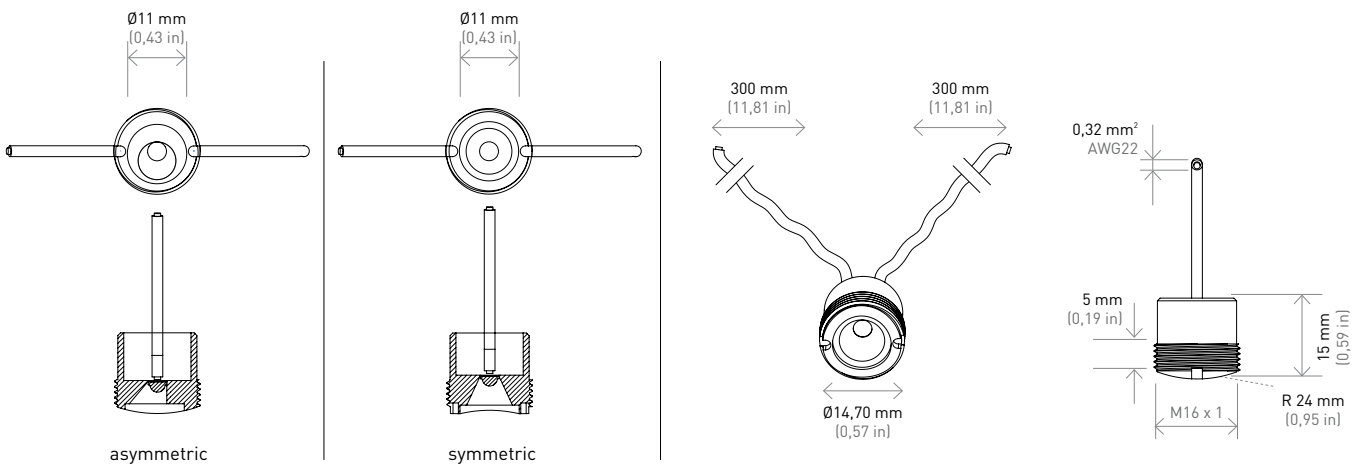
Handrail Dot® Flat



Handrail Dot® Curved 43mm / 1,67 in



Handrail Dot® Curved 48mm / 1,90 in



FINISHES ACABADOS

In order to satisfy all our customers we offer flat and curved types (suitable for handrails with diameter $\varnothing 43$ and $\varnothing 48$ mm).

Con el fin de satisfacer las necesidades de nuestros clientes, están disponibles modelos planos y curvados (aptos para barandillas de diámetro 43 y 48mm).



Symmetric 60° flat model
Modelo plano simétrico 60°



Symmetric 120° flat model
Modelo plano simétrico 120°



Asymmetric 90° flat model
Modelo plano asimétrico 90°

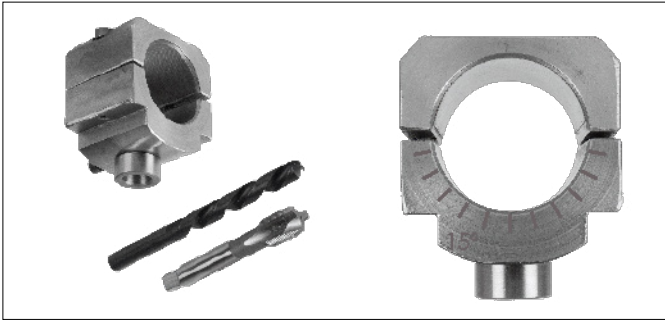


Symmetric 120° 48 mm curved model
Modelo curvado simétrico 120° 48,2 mm

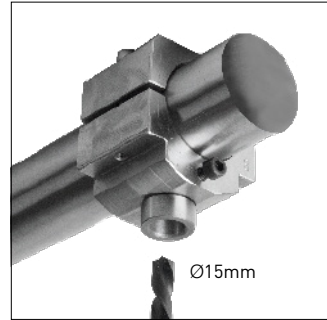


Chicago Riverwalk,
USA

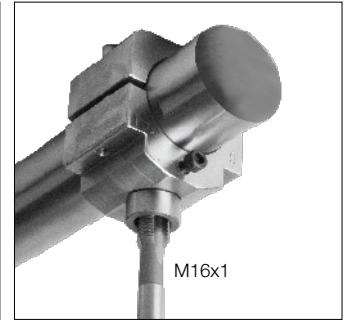
DETAILS
DETALLES



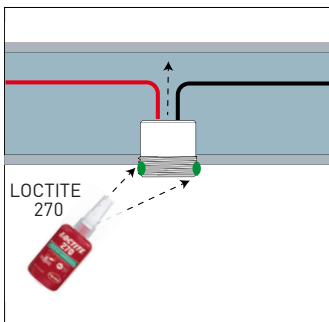
Kit for machining M16x1mm handrail (ref. 7015091)
Kit para mecanizar M16 x1mm handrail (ref. 7015091)



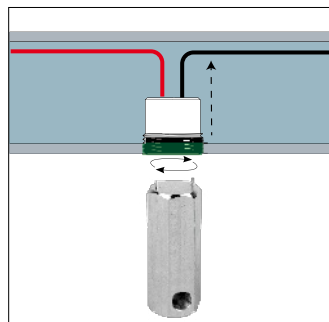
Drill 14.75 Inox (ref. 7015092)
Broca 14,75 inox (ref. 7015092)



Tap male M16x1mm (ref. 7015093)
Macho roscar M16x1mm (ref. 7015093)



Loctite 270 sealer threads (ref. M020081)
Loctite 270 sellador roscas (ref. M020081)



Tightening tool (ref. 7015090)
Util de apriete (ref. 7015090)



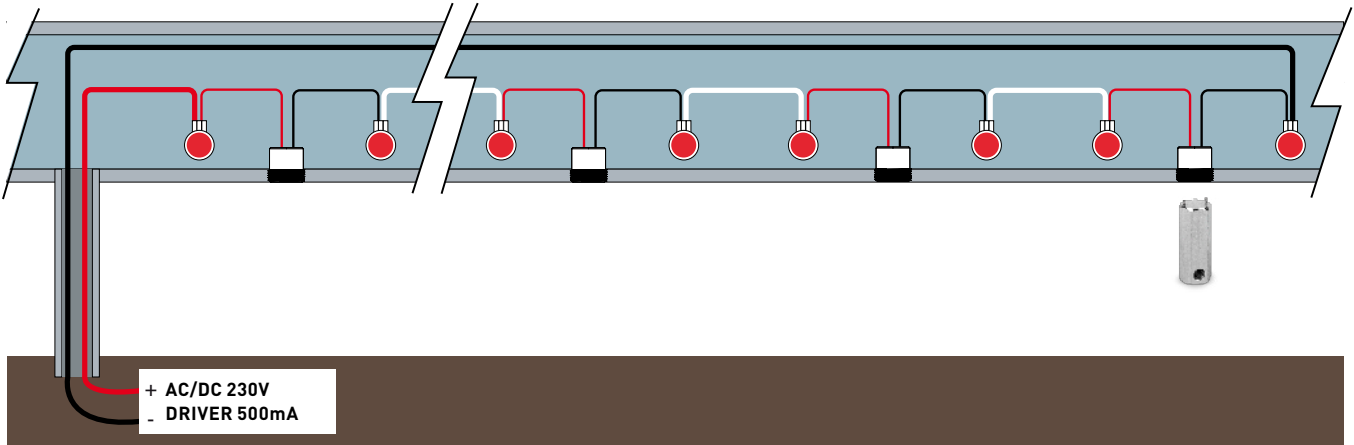
316 stainless steel unibody dot
Dot monobloque acero inox 316



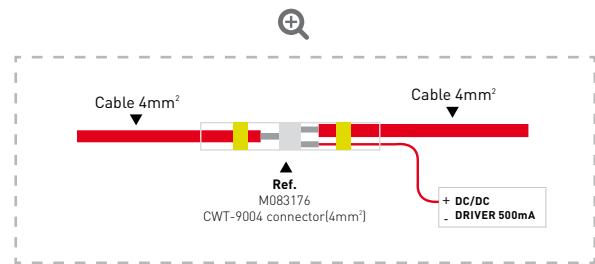
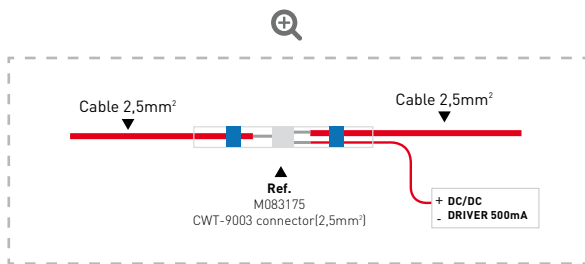
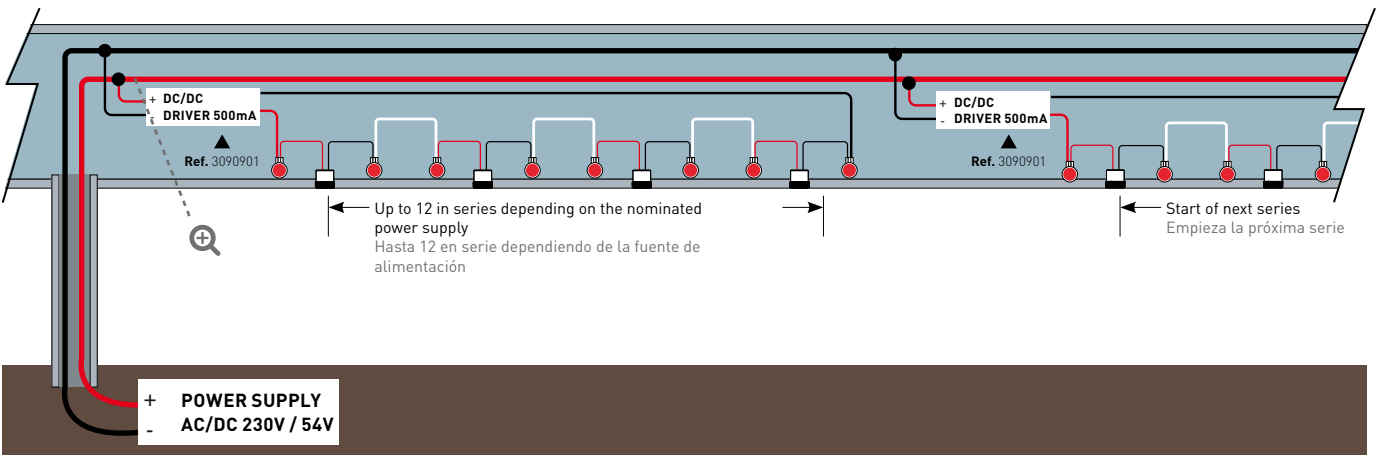
Mercedes Benz Superdome,
New Orleans, USA

CONNECTIONS CONEXIONES

A External driver installation Instalación driver externo



B In-tube driver installation Instalación driver interno



A EXTERNAL DRIVER INSTALLATION INSTALACIÓN DRIVER EXTERNO.

3090910 (Driver)	From 5 up to 10 dots De 5 a 10 dots
3090912 (Driver)	From 18 up to 30 dots De 18 a 30 dots
3090913 (Driver)	From 25 up to 50 dots De 25 a 50 dots

B IN-TUBE DRIVER INSTALLATION INSTALACIÓN DRIVER INTERNO

3090536 (Power supply)	Up to 8 series x 12 dots= 96 dots Hasta 8 series x 12 dots = 96 dots
3090537 (Power supply)	Up to 13 series x 12 dots= 156 dots Hasta 13 series x 12 dots = 156 dots
3090901 (Driver)	From 1 up to 12 dots De 1 a 12 dots

REFERENCES
REFERENCIAS

70150 0 2 /80/2K7

COLOUR COLOR

/80/2K7 2700K
/80/3K 3000K
/80/4K 4000K
/80/5K 5000K

ANGLE ÁNGULO

1 60°
2 120°
5 90 Asymmetric

TYPE MODELO

0 Flat
1 Curved 43 mm
2 Curved 48 mm

DRIVERS REFERENCES AND POWER SUPPLY
REFERENCIAS DRIVERS Y FUENTE ALIMENTACIÓN



A - External driver installation Instalación driver externo			
3090910	IP67 Driver 500 mA 16W (15V-32V) On/Off, 0-10V	From 5 up to 10 dots De 5 a 10 dots	1
3090912	IP67 Driver 500 mA 45W (54V-90V) On/Off, 0-10V	From 18 up to 30 dots De 18 a 30 dots	2
3090913	IP67 Driver 500 mA 75W (75V-150V) On/Off	From 25 up to 50 dots De 25 a 50 dots	3

B - In-tube driver installation Instalación driver interno			
3090536	IP67 Power Supply 150W (54V DC) On/Off	Up to 8 series x 12 dots= 96 dots Hasta 8 series x 12 dots = 96 dots	4
3090537	IP67 Power Supply 240W (54V DC) On/Off	Up to 13 series x 12 dots= 156 dots Hasta 13 series x 12 dots = 156 dots	5
3090901	IP67 Driver 500 mA 18W (Input 9V-56V DC) On/Off	From 1 up to 12 dots De 1 a 12 dots	6

ACCESORIES REFERENCES
REFERENCIAS ACCESORIOS



M083025	UR2 3M end piece connector (0,5mm²)	Conector - Terminal UR2 -3M (0,5mm²)	1
M083175	CWT-9003 connector (2,5mm²)	Conector CWT-9003 (2,5mm²)	2
M083176	CWT-9004 connector (4mm²)	Conector CWT-9004 (4mm²)	3
7015090	Tightening tool	Útil de apriete	4
7015091	Kit for machining M16x1mm handrail	Kit para mecanizar M16 x1mm hand rail	5
7015092	Spare special drill 14.75 Inox handrail mechanized kit	Recambio broca especial 14,75 inox kit mecanizado hand rail	6
7015093	Spare tap male M16x1 din 374 M2D handrail mechanized kit	Recambio macho roscar M16x1 din 374 M2D kit mecanizado handrail	7
M020081	Loctite 270 sealer threads 33 nm green	Loctite 270 sellador roscas 33 nm verde	8

Caelis restaurant,
Barcelona, Spain





DOWNITO® 70



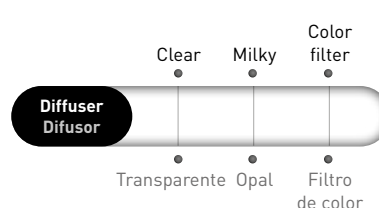
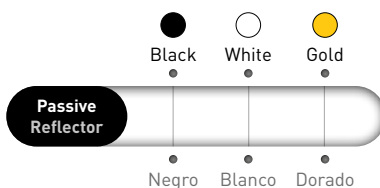
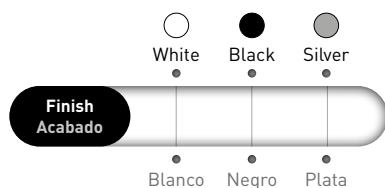
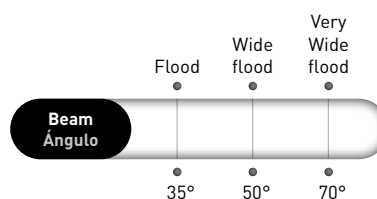
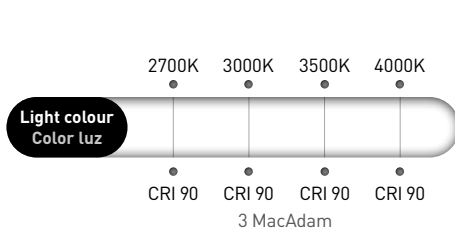
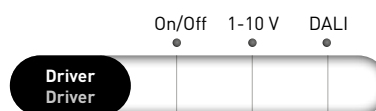
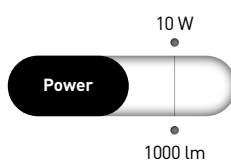
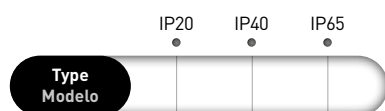
DOWNITO®70

ADJUSTABLE (+/- 30°)

UGR <19

- LED downlight for accent lighting
- Smart reflector: active + passive (paintable)
- IP20, IP40 and IP65 types
- Luminous flux 1000 lm
- Luminaire efficiency 89 lm/W
- 3 beam angles: 35°, 50° and 70°
- Accessories available: honeycomb, milky diffuser, color filter, etc.
- Thermal test certificate

- Downlight LED para iluminación de acento
- Reflector inteligente: activo + pasivo (pintable)
- Modelos IP20, IP40 y IP65
- Flujo lumínico 1000 lm
- Eficiencia de la luminaria 89 lm/W
- 3 ángulos de apertura: 35°, 50° y 70°
- Accesorios disponibles: panel de abeja, difusor opal, filtro de color, etc.
- Test térmico certificado



The standard IP20 version is delivered with chromed reflector. Driver not included.
La versión estándar IP20 se suministra con reflector cromado. Driver no incluido.

The standard IP40 or IP65 version is delivered with clear diffuser and chromed reflector. Driver not included.
La versión estándar IP40 o IP65 se suministra con difusor transparente y reflector cromado. Driver no incluido.

SPECIFICATIONS
CARACTERÍSTICAS

UGR
< 19

IP20
IP40
IP65



on/off
DALI
1-10V

Driver
Not
Included

AL
Housing

Ta min -20°C
-4°F
Ta max +50°C
+122°F



Downito® 70				
Measures	Ø73 x 86 mm			
Weight	0,3 kg			
10 W (350 mA)				
Color temperatures	2700K - CRI 90	3000K - CRI 90	3500K - CRI 90	4000K - CRI 90
Lumens output	35° - 694 lm 50° - 788 lm 70° - 803 lm	35° - 731 lm 50° - 830 lm 70° - 846 lm	35° - 752 lm 50° - 853 lm 70° - 869 lm	35° - 765 lm 50° - 869 lm 70° - 885 lm
Luminaire efficiency	69 to 80 lm/W	73 to 85 lm/W	75 to 87 lm/W	77 to 89 lm/W



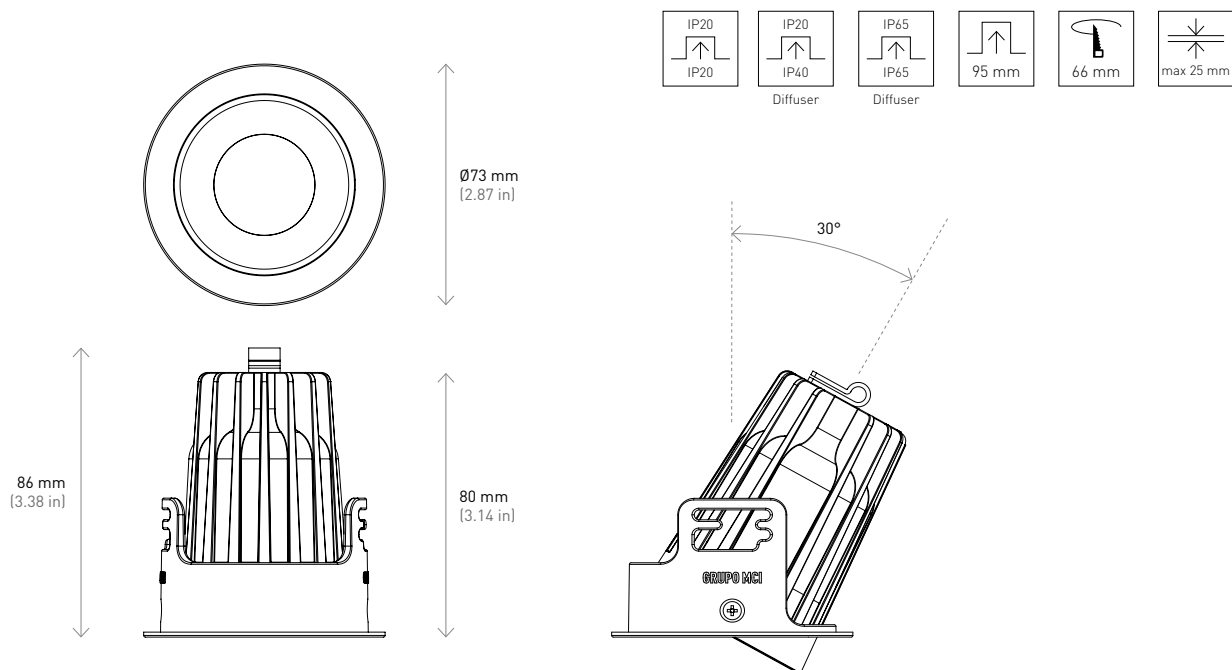
Color temperature conform to **ANSI C78.377A**.
Lumens measurement conform to **LM-79-08**.
Lumens maintenance conform to **LM-80-08**.

Temperatura de color según normativa **ANSI C78.377A**.
Medición lumens según normativa **LM-79-08**.
Mantenimiento lumens según normativa **LM-80-08**.

Room Mate Anna Hotel,
Barcelona, Spain

DOWNITO® 70

MEASURES MEDIDAS



FINISHES ACABADOS

In order to satisfy all our customers, three different finishes are available: white, silver and black.
Con el fin de satisfacer las necesidades de nuestros clientes, está disponible en tres acabados: blanco, plata y negro.



White.
Blanco. (RAL 9003)



Silver.
Plata. (RAL 9006)



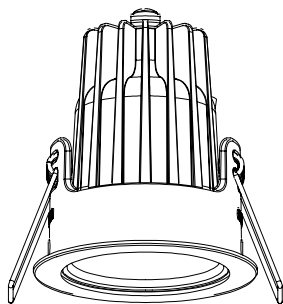
Black.
Negro. (RAL 9011)

DETAILS DETALLES

Different finishes for the passive reflector are available: white, black and gold.
Se pueden escoger diferentes acabados para el reflector pasivo: blanco, negro y dorado.



DETAILS
DETALLES



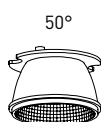
COB



COB holder



35°



50°



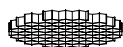
70°

Active reflector
(Engineering by Bartenbach)



Gasket

Honeycomb (IP20)



Diffuser (IP40 & IP65)

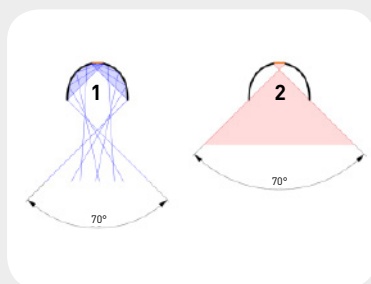
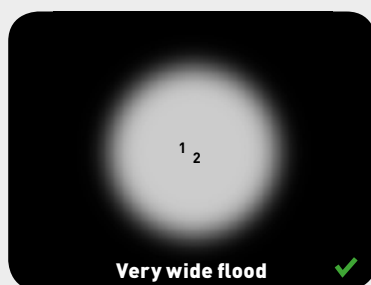
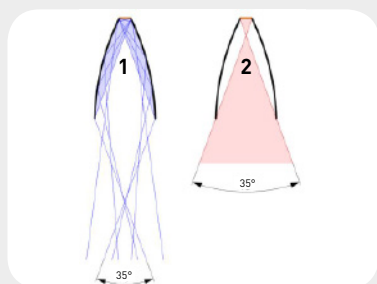
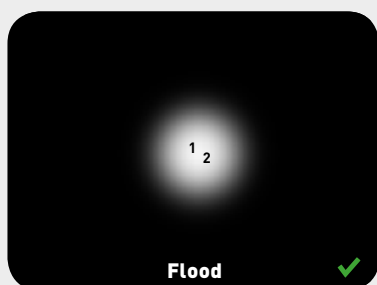


Honeycomb accessory (IP20)
or
Diffuser (IP40 & IP65)
Clear, Milky, Color Filter



Passive reflector (paintable)

MCI TECHNOLOGY



Reflected light (1) + Direct light (2) = **MATCH**
CONCLUSION:
There is no residual light and maximum efficiency.

Luz reflejada (1) + Luz directa (2) = **COINCIDEN**
CONCLUSIÓN:
No hay luz residual y máxima eficiencia.

OTHER TECHNOLOGIES



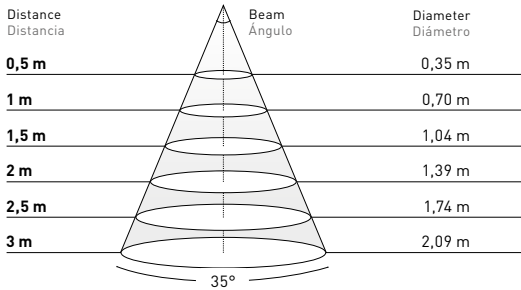
Halo shapes and low efficiency
Halos y baja eficiencia

DOWNITO® 70

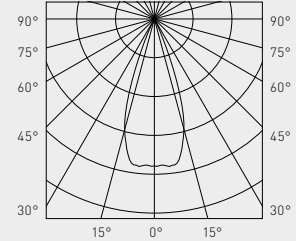
LIGHT DISTRIBUTION CURVES FOTOMETRÍAS

Downito® 70

10 W 35°

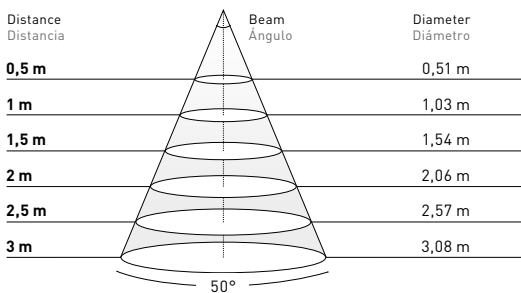


	2700K	3000K	4000K
0,5 m	7.614 lux	8.015 lux	8.336 lux
1 m	1.903 lux	2.004 lux	2.084 lux
1,5 m	846 lux	891 lux	852 lux
2 m	476 lux	501 lux	521 lux
2,5 m	305 lux	321 lux	334 lux
3 m	211 lux	223 lux	232 lux

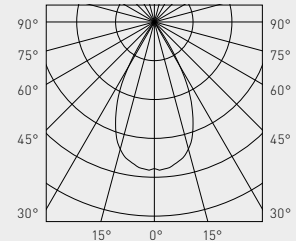


Downito® 70

10 W 50°

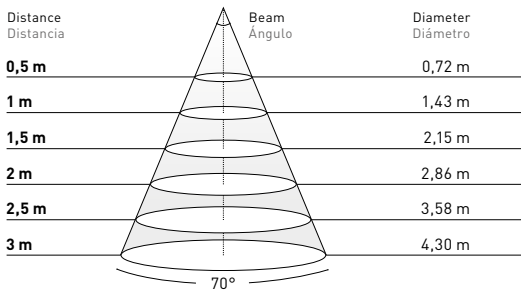


	2700K	3000K	4000K
0,5 m	4.537 lux	4.776 lux	4.967 lux
1 m	1.134 lux	1.194 lux	1.242 lux
1,5 m	504 lux	531 lux	552 lux
2 m	284 lux	299 lux	311 lux
2,5 m	181 lux	191 lux	199 lux
3 m	126 lux	133 lux	138 lux

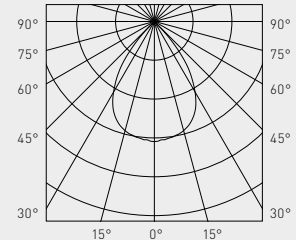


Downito® 70

10 W 70°



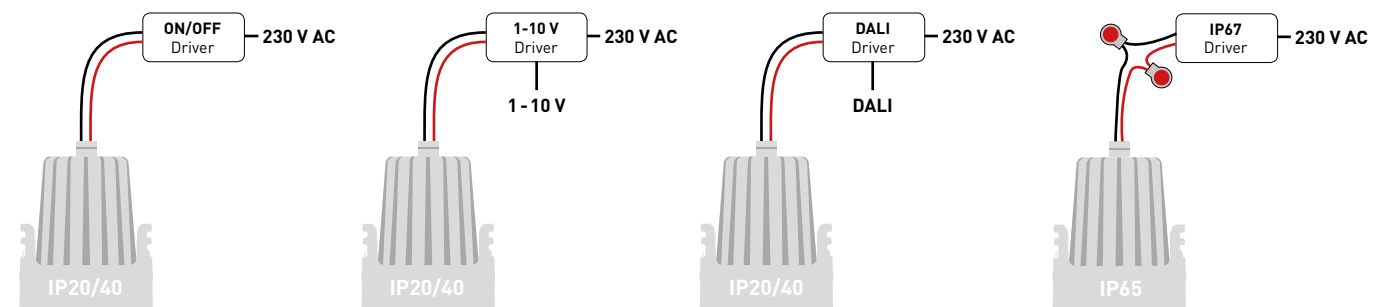
	2700K	3000K	4000K
0,5 m	2.831 lux	2.980 lux	3.099 lux
1 m	716 lux	745 lux	775 lux
1,5 m	314 lux	331 lux	344 lux
2 m	176 lux	186 lux	193 lux
2,5 m	113 lux	119 lux	124 lux
3 m	79 lux	83 lux	86 lux



Data calculated with Downito® 70 with clear diffuser.
Lumen measurement complies with UNE-EN 13032 / IES LM-79-08 testing procedures.
Light distribution curves are available at www.grupo-mci.com.
Due to continuous improvements and innovations, specifications may change without notice.

Datos calculados con Downito® 70 con difusor transparente.
Ensayado bajo las especificaciones de la norma UNE-EN 13032 / IES LM-79-08.
Fotometrías disponibles en www.grupo-mci.com.
Debido a las continuas mejoras e innovaciones, las especificaciones pueden cambiar sin previo aviso.

CONNECTIONS CONEXIONES



REFERENCES
REFERENCIAS

7113 0 0 0 /90/4K

COLOR COLOR

/90/4K	4000K
/90/3K5	3500K
/90/3K	3000K
/90/2K7	2700K

BEAM ÁNGULO

0	35°
1	50°
2	70°

FINISHES ACABADOS

0	Silver	Plata
2	Black	Negro
3	White	Blanco

TYPE MODELO

0	IP20		
1	IP40	Diffuser	Difusor
3	IP65	Diffuser	Difusor

OPTIONS
OPCIONES

The standard IP20 version is delivered with: chromed reflector. Driver not included.

The standard IP40 or IP65 version is delivered with: clear diffuser and chromed reflector. Driver not included.

La versión estándar IP20 se suministra con: reflector cromado. Driver no incluido.

La versión estándar IP40 o IP65 se suministra con: difusor transparente y reflector cromado. Driver no incluido.

PASSIVE REFLECTOR REFLECTOR PASIVO

Chrome	Cromado	(Standard)
Black	Negro	
White	Blanco	
Gold	Dorado	

DIFFUSER DIFUSOR (IP40 & IP65)

Clear	Transparente	(Standard)
Milky	Opal	
Color filter	Filtro de color	

HONEYCOMB PANEL DE ABEJA (IP20)

Honeycomb (accessory)	Panel de abeja (accesorio)
-----------------------	----------------------------

The Honeycomb must be ordered together with the lighting fixture.

El Panel de abeja debe pedirse junto con la luminaria.

DRIVERS REFERENCES
REFERENCIAS DRIVERS



Drivers 350mA			
3090782	On/Off Driver 350mA (12 W)	Driver 350mA On/Off (12 W)	1
3090701	1-10 V multi-power driver (12 W to 19 W)	Driver multi-power 1-10 V (12 W hasta 19 W)	2
3090702	DALI multi-power driver (0-32 W)	Multi-power driver DALI (0-32 W)	3
IP67 Drivers 350mA			
3090787	On/Off IP67 Driver 350mA (16 W)	Driver IP67 350mA On/Off (16 W)	4
3090788	1-10V & PWM IP67 Driver 350mA (16 W)	Driver IP67 350mA 1-10V & PWM (16 W)	5

ACCESSORIES REFERENCES
REFERENCIAS ACCESORIOS



M083025	UR2 3M end piece connector	Conector - Terminal UR2 3M	1
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To control the luminaires via Bluetooth see page 326 (DLCM drivers, eBLUE 0-10V / DALI devices)
Para controlar las luminarias via Bluetooth consultar página 326 (drivers DLCM, eBLUE 0-10V / DALI dispositivos)

Kaskazuri restaurant,
San Sebastián, Spain





DOWNITO® 70 SQUARE

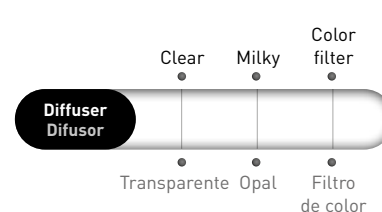
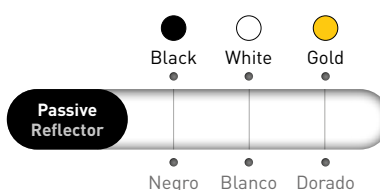
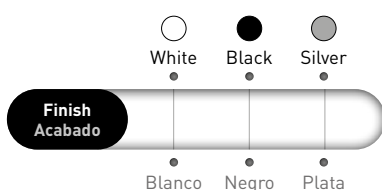
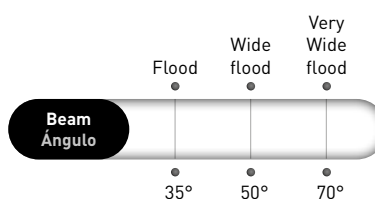
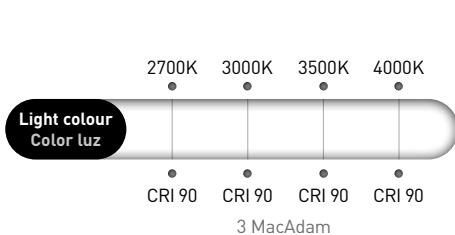
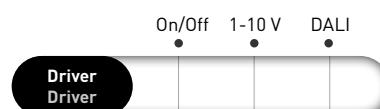
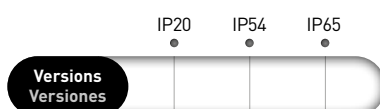
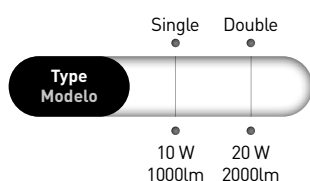


DOWNITO®70 Square

UGR <19

- LED downlight for accent lighting
- Single and double types (IP20, IP54, IP65)
- Smart reflector: active + passive (paintable)
- Luminous flux range from 1000 lm to 2000 lm
- Luminaire efficiency 89 lm/W
- 3 beam angles: 35°, 50° and 70°
- Accessories available: honeycomb, milky diffuser, color filter, etc.
- Thermal test certificate

- Downlight LED para iluminación de acento
- Modelos individuales y doble (IP20, IP54, IP65)
- Reflector inteligente: activo + pasivo (pintable)
- Flujos lumínicos de 1000 lm a 2000 lm
- Eficiencia de la luminaria 89 lm/W
- 3 ángulos de apertura: 35°, 50° y 70°
- Accesorios disponibles: panel de abeja, difusor opal, filtro de color, etc.
- Test térmico certificado



The standard IP20 version is delivered with black reflector. Driver not included.
La versión estándar IP20 se suministra con reflector negro. Driver no incluido.

The standard IP54 or IP65 version is delivered with clear diffuser and black reflector. Driver not included.
La versión estándar IP54 o IP65 se suministra con difusor transparente y reflector negro. Driver no incluido.

SPECIFICATIONS
CARACTERÍSTICAS

UGR < 19	IP20 IP54 IP65		on/off DALI 1-10V	Driver Not Included	AL Housing	Ta min -20°C -4°F Ta max +50°C +122°F	
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Downito® 70 Square Single				
Measures	73 x 73 x 92 mm			
Weight	0,35 kg			
10 W (350 mA)				
Color temperatures	2700K - CRI 90	3000K - CRI 90	3500K - CRI 90	4000K - CRI 90
Lumens output	35° - 694 lm 50° - 788 lm 70° - 803 lm	35° - 731 lm 50° - 830 lm 70° - 846 lm	35° - 752 lm 50° - 853 lm 70° - 869 lm	35° - 765 lm 50° - 869 lm 70° - 885 lm
Luminaire efficiency	69 to 80 lm/W	73 to 85 lm/W	75 to 87 lm/W	77 to 89 lm/W

Downito® 70 Square Double				
Measures	73 x 129 x 92 mm			
Weight	0,8 kg			
20 W (350 mA)				
Color temperatures	2700K - CRI 90	3000K - CRI 90	3500K - CRI 90	4000K - CRI 90
Lumens output	35° - 1.389 lm 50° - 1.576 lm 70° - 1.607 lm	35° - 1.462 lm 50° - 1.659 lm 70° - 1.692 lm	35° - 1.503 lm 50° - 1.706 lm 70° - 1.739 lm	35° - 1.531 lm 50° - 1.737 lm 70° - 1.771 lm
Luminaire efficiency	69 to 80 lm/W	73 to 84 lm/W	75 to 87 lm/W	77 to 89 lm/W



Color temperature conform to **ANSI C78.377A**.
Lumens measurement conform to **LM-79-08**.
Lumens maintenance conform to **LM-80-08**.

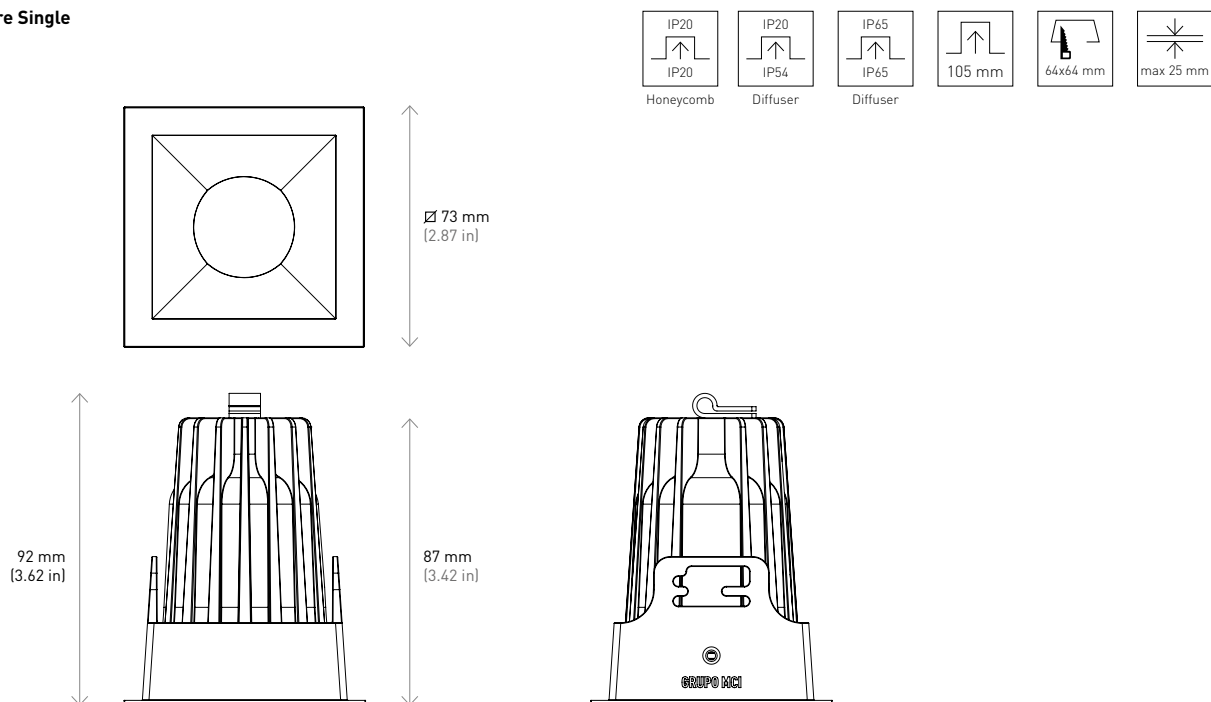
Temperatura de color según normativa **ANSI C78.377A**.
Medición lumens según normativa **LM-79-08**.
Mantenimiento lumens según normativa **LM-80-08**.

Private Residential,
Ibiza, Spain

DOWNITO® 70 SQUARE

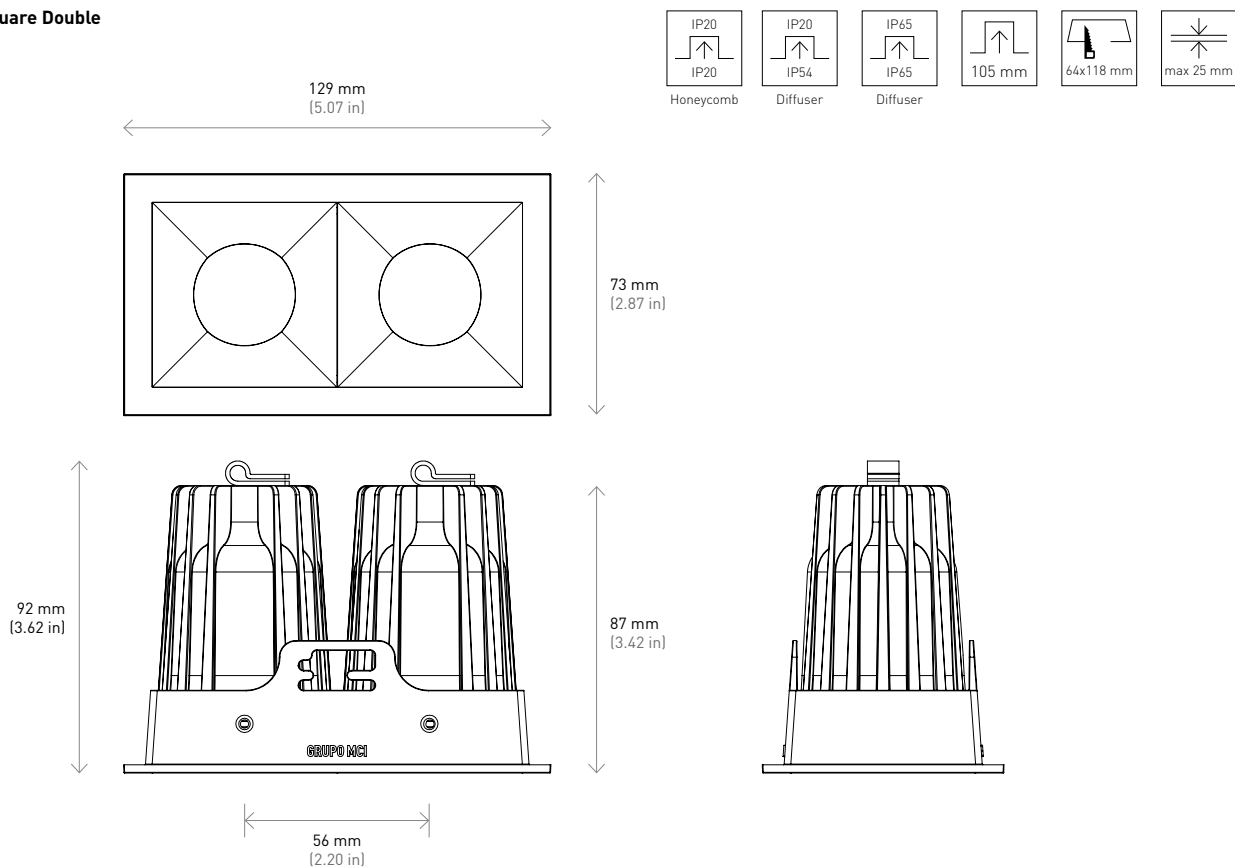
MEASURES MEDIDAS

Downito®70 Square Single



MEASURES MEDIDAS

Downito®70 Square Double



FINISHES
ACABADOS

In order to satisfy all our customers, three different finishes are available: white, silver and black.
Con el fin de satisfacer las necesidades de nuestros clientes, está disponible en tres acabados: blanco, plata y negro.



White.
Blanco. (RAL 9003)



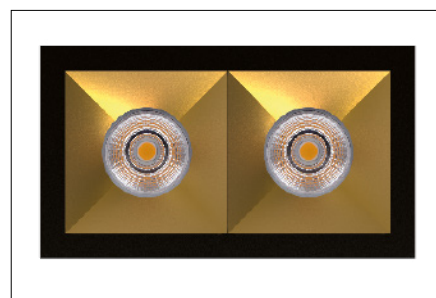
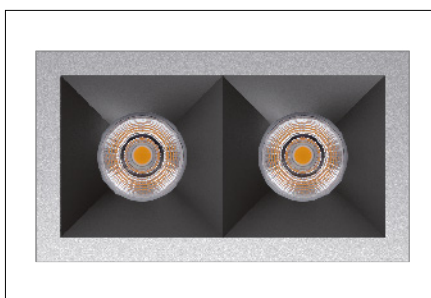
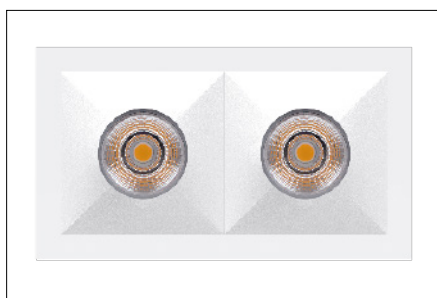
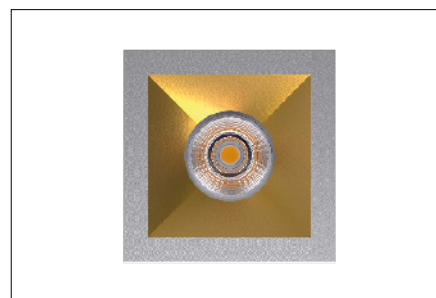
Silver.
Plata. (RAL 9006)



Black.
Negro. (RAL 9011)

DETAILS
DETALLES

Different finishes for the passive reflector are available: white, black and gold.
Se pueden escoger diferentes acabados para el reflector pasivo: blanco, negro y dorado.

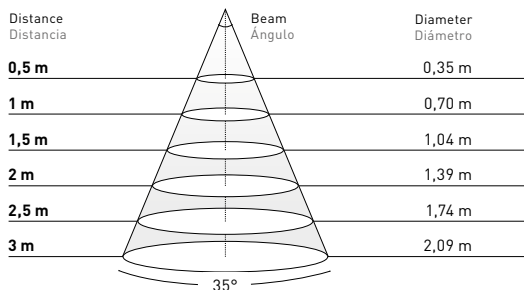


DOWNITO® 70 SQUARE

LIGHT DISTRIBUTION CURVES FOTOMETRÍAS

Downito® 70 Square Single

20 W 35°



2700K

3000K

4000K

7.614 lux

8.015 lux

8.336 lux

1.903 lux

2.004 lux

2.084 lux

846 lux

891 lux

852 lux

476 lux

501 lux

521 lux

305 lux

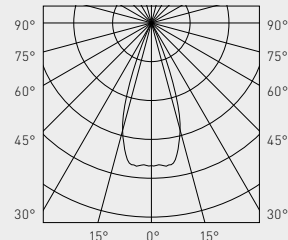
321 lux

334 lux

211 lux

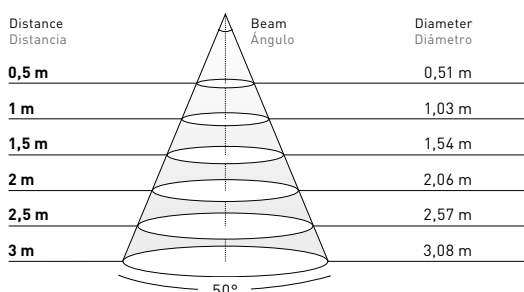
223 lux

232 lux



Downito® 70 Square Single

20 W 50°



2700K

3000K

4000K

4.537 lux

4.776 lux

4.967 lux

1.134 lux

1.194 lux

1.242 lux

504 lux

531 lux

552 lux

284 lux

299 lux

311 lux

181 lux

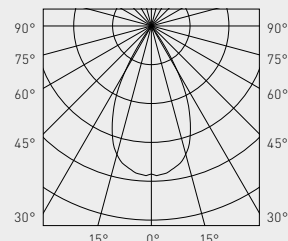
191 lux

199 lux

126 lux

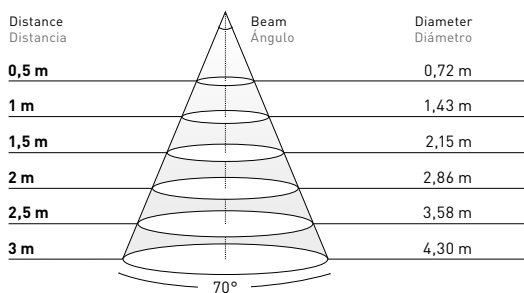
133 lux

138 lux



Downito® 70 Square Single

20 W 70°



2700K

3000K

4000K

2.831 lux

2.980 lux

3.099 lux

716 lux

745 lux

775 lux

314 lux

331 lux

344 lux

176 lux

186 lux

193 lux

113 lux

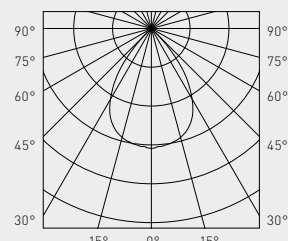
119 lux

124 lux

79 lux

83 lux

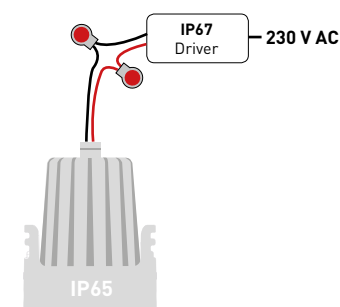
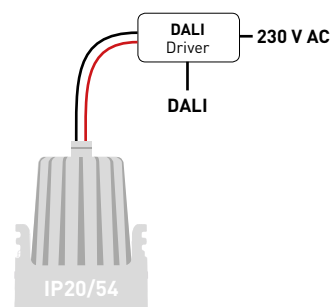
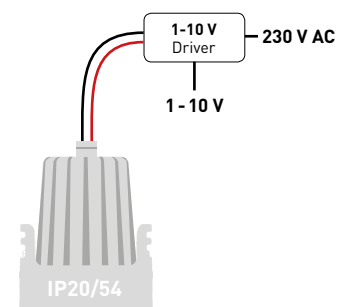
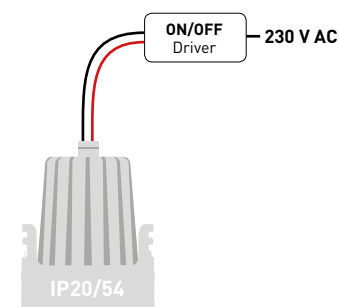
86 lux



Data calculated with **Downito® 70 Square Single with clear diffuser**.
Lumen measurement complies with **UNE-EN 13032 / IES LM-79-08** testing procedures.
Light distribution curves are available at www.grupo-mci.com.
Due to continuous improvements and innovations, specifications may change without notice.

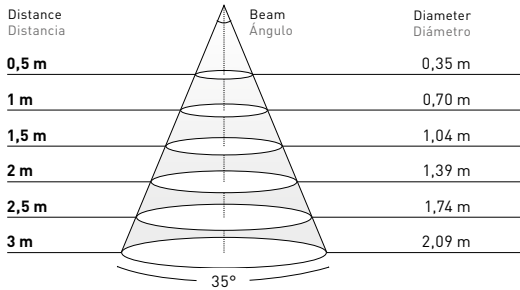
Datos calculados con **Downito® 70 Square Single con difusor transparente**.
Ensayado bajo las especificaciones de la norma **UNE-EN 13032 / IES LM-79-08**.
Fotometrías disponibles en www.grupo-mci.com.
Debido a las continuas mejoras e innovaciones, las especificaciones pueden cambiar sin previo aviso.

CONNECTIONS CONEXIONES

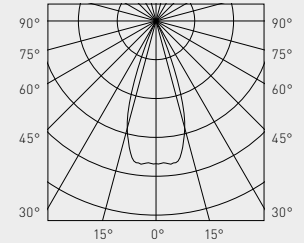


**LIGHT DISTRIBUTION CURVES
FOTOMETRÍAS**

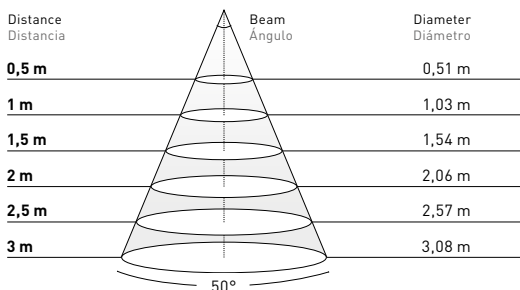
Downito® 70 Square Double 20 W 35°



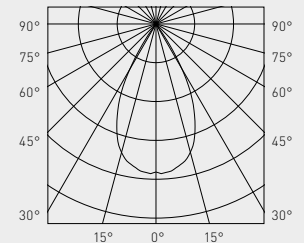
	2700K	3000K	4000K
0,5 m	15.229 lux	16.031 lux	16.672 lux
1 m	3.807 lux	4.008 lux	4.168 lux
1,5 m	1.691 lux	1.781 lux	1.852 lux
2 m	951 lux	1.002 lux	1.042 lux
2,5 m	609 lux	641 lux	666 lux
3 m	422 lux	445 lux	462 lux



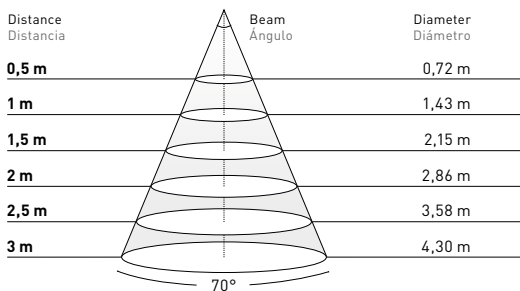
Downito® 70 Square Double 20 W 50°



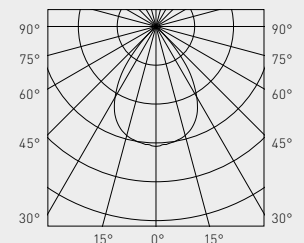
	2700K	3000K	4000K
0,5 m	9.075 lux	9.553 lux	9.935 lux
1 m	2.268 lux	2.388 lux	2.483 lux
1,5 m	1.008 lux	1.061 lux	1.104 lux
2 m	567 lux	597 lux	620 lux
2,5 m	363 lux	382 lux	397 lux
3 m	251 lux	265 lux	275 lux



Downito® 70 Square Double 20 W 70°



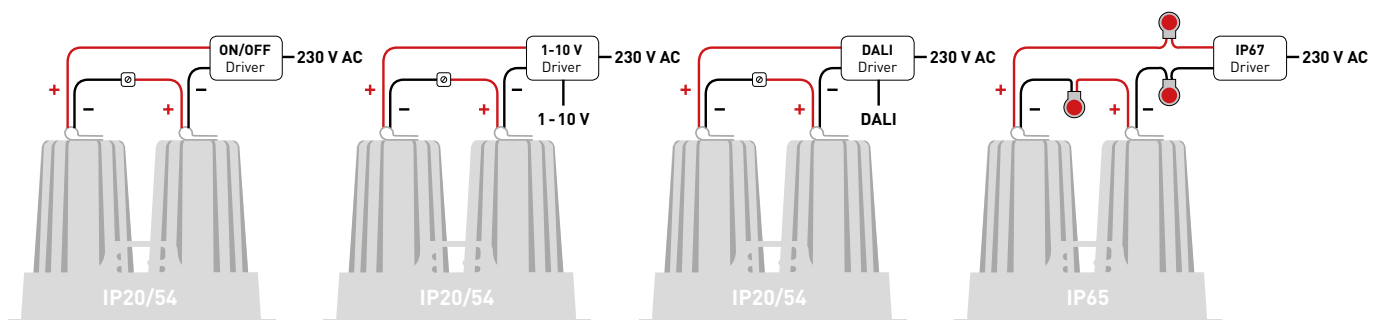
	2700K	3000K	4000K
0,5 m	5.662 lux	5.960 lux	6.198 lux
1 m	1.415 lux	1.490 lux	1.549 lux
1,5 m	629 lux	662 lux	688 lux
2 m	353 lux	372 lux	386 lux
2,5 m	226 lux	238 lux	247 lux
3 m	157 lux	166 lux	172 lux



Data calculated with **Downito® 70 Square Double with clear diffuser**.
Lumen measurement complies with **UNE-EN 13032 / IES LM-79-08** testing procedures.
Light distribution curves are available at www.grupo-mci.com.
Due to continuous improvements and innovations, specifications may change without notice.

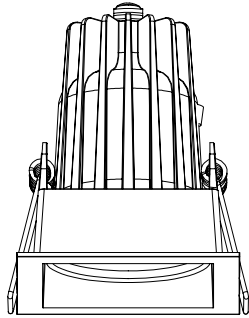
Datos calculados con **Downito® 70 Square Double con difusor transparente**.
Ensayado bajo las especificaciones de la norma **UNE-EN 13032 / IES LM-79-08**.
Fotometrías disponibles en www.grupo-mci.com.
Debido a las continuas mejoras e innovaciones, las especificaciones pueden cambiar sin previo aviso.

**CONNECTIONS
CONEXIONES**



DOWNITO® 70 SQUARE

DETAILS DETALLES



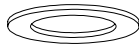
COB



COB holder

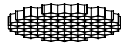


Active reflector
(Engineering by Bartenbach)



Gasket

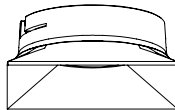
Honeycomb (IP20)



Diffuser (IP54 & IP65)

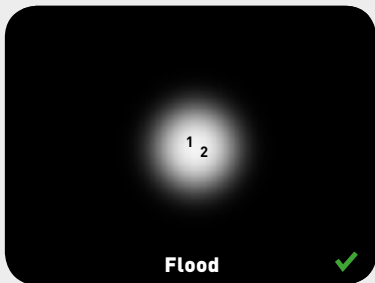


Honeycomb accessory (IP20)
or
Diffuser (IP54 & IP65)
Clear, Milky, Color filter



Passive reflector (paintable)

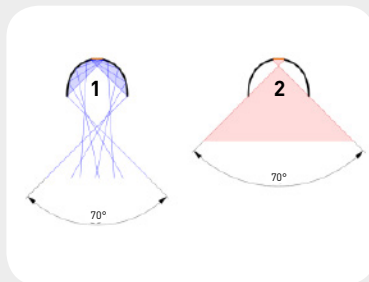
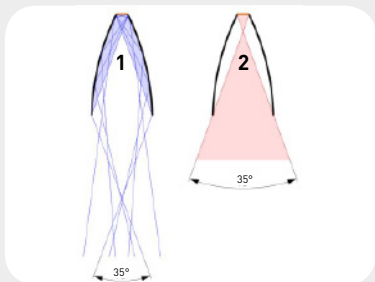
MCI TECHNOLOGY



Flood



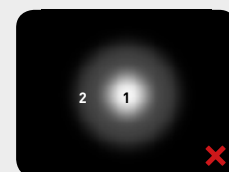
Very wide flood



Reflected light (1) + Direct light (2) = **MATCH**
CONCLUSION:
There is no residual light and maximum efficiency.

Luz reflejada (1) + Luz directa (2) = **COINCIDEN**
CONCLUSIÓN:
No hay luz residual y máxima eficiencia.

OTHER TECHNOLOGIES



Halo shapes and low efficiency
Halos y baja eficiencia

REFERENCES REFERENCIAS

711	3	5	0	0	/90/4K
COLOR COLOR					
				/90/4K	4000K
				/90/3K5	3500K
				/90/3K	3000K
				/90/2K7	2700K
BEAM ÁNGULO					
			0	35°	
			1	50°	
			2	70°	
FINISHES ACABADOS					
		0	Silver	Plata	
		2	Black	Negro	
		3	White	Blanco	
TYPE MODELO					
		5	IP20		
		7	IP54	Diffuser	Difusor
		8	IP65	Diffuser	Difusor
VERSION VERSIÓN					
		3	Single		
		4	Double		

OPTIONS OPCIONES

The standard **IP20** version is delivered with: black reflector. Driver not included.

The standard **IP54** or **IP65** version is delivered with: clear diffuser and black reflector. Driver not included.

La versión estándar **IP20** se suministra con: reflector negro. Driver no incluido.

La versión estándar **IP54** o **IP65** se suministra con: difusor transparente y reflector negro. Driver no incluido.

PASSIVE REFLECTOR REFLECTOR PASIVO

Chrome	Cromado
Black	Negro (Standard)
White	Blanco
Gold	Dorado

DIFFUSER DIFUSOR (IP54 & IP65)

Clear	Transparente (Standard)
Milky	Opal
Color filter	Filtro de color

HONEYCOMB PANEL DE ABEJA (IP20)

Honeycomb (accessory)	Panel de abeja (accesorio)
-----------------------	----------------------------

The Honeycomb must be ordered together with the lighting fixture.

El Panel de abeja debe pedirse junto con la luminaria.

DRIVERS REFERENCES REFERENCIAS DRIVERS



Drivers Downito® Single (350mA)			
3090782	On/Off Driver 350mA (12 W)	Driver 350mA On/Off (12 W)	1
3090701	1-10 V multi-power driver (12 W to 19 W)	Driver multi-power 1-10 V (12 W hasta 19 W)	2
3090702	DALI multi-power driver (0-32 W)	Multi-power driver DALI (0-32 W)	3
Drivers Downito® Double (350mA)			
3090784	On/Off Driver 350mA (25 W)	Driver 350mA On/Off (25 W)	4
3090785	DALI, 1-10V, Push Driver 350mA (25 W)	Driver 350mA, DALI, 1-10V, Push (25 W)	5
IP67 Drivers Downito® Single (350mA)			
3090787	On/Off IP67 Driver 350mA (16 W)	Driver IP67 350mA On/Off (16 W)	6
3090788	1-10V & 10V PWM IP67 Driver 350mA (16 W)	Driver IP67 350mA 1-10V & 10V PWM (16 W)	7
IP67 Drivers Downito® Double (350mA)			
3090792	1-10V & 10V PWM IP67 Driver 350mA (33 W)	Driver IP67 350mA 1-10V & 10V PWM (33 W)	8

ACCESSORIES REFERENCES REFERENCIAS ACCESORIOS



M083025	UR2 3M end piece connector	Conector - Terminal UR2 3M	1
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To control the luminaires via Bluetooth see page 326 (DLCM drivers, eBLUE 0-10V / DALI devices)
Para controlar las luminarias via Bluetooth consultar página 326 (drivers DLCM, eBLUE 0-10V / DALI dispositivos)

Room Mate Anna Hotel,
Barcelona, Spain





**DOWNITO® 70
DEEP**

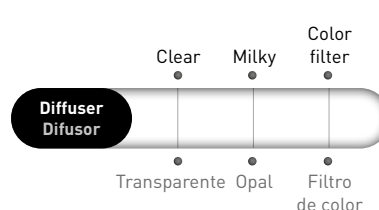
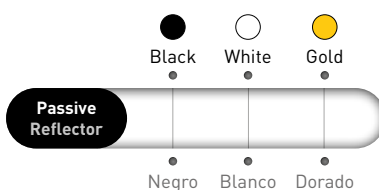
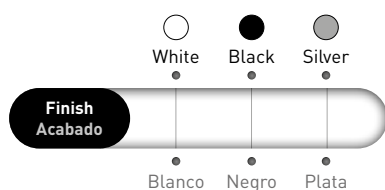
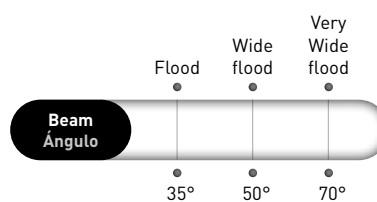
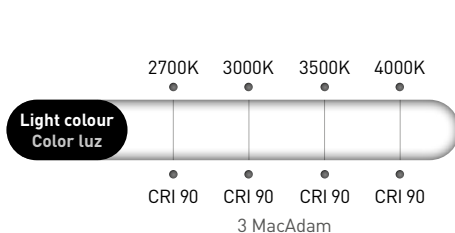
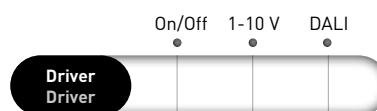
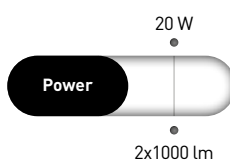
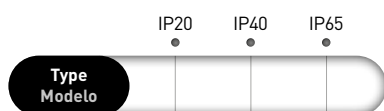


DOWNITO®70 Deep

ADJUSTABLE (+/- 30°)

UGR <19

- LED downlight for accent lighting
 - Smart reflector: active + passive (paintable)
 - Luminous flux 2.000 lm (2x1000 lm)
 - Luminaire efficiency 89 lm/W
 - 3 beam angles: 35°, 50° and 70°
 - Accessories available: honeycomb, milky diffuser, color filter, etc.
 - Thermal test certificate
- Downlight LED para iluminación de acento
 - Reflector inteligente: activo + pasivo (pintable)
 - Flujo lumínico de 2.000 lm (2x1000 lm)
 - Eficiencia de la luminaria 89 lm/W
 - 3 ángulos de apertura: 35°, 50° y 70°
 - Accesorios disponibles: panel de abeja, difusor opal, filtro de color, etc.
 - Test térmico certificado



The standard IP20 version is delivered with black reflector. Driver not included.
La versión estándar IP20 se suministra con reflector negro. Driver no incluido.

The standard IP40 or IP65 version is delivered with clear diffuser and black reflector. Driver not included.
La versión estándar IP40 o IP65 se suministra con difusor transparente y reflector negro. Driver no incluido.

SPECIFICATIONS
CARACTERÍSTICAS

UGR <19	IP20 IP40 IP65		on/off DALI 1-10V	Driver Not Included	AL Housing	Ta min -20°C -4°F Ta max +50°C +122°F	
------------	----------------------	--	-------------------------	---------------------------	---------------	--	--

Downito® 70 Deep				
Measures	190 x 111 x 102 mm			
Weight	1,0 kg			
20 W (350 mA)				
Color temperatures	2700K - CRI 90	3000K - CRI 90	3500K - CRI 90	4000K - CRI 90
Lumens output	35° - 1.389 lm 50° - 1.576 lm 70° - 1.607 lm	35° - 1.462 lm 50° - 1.659 lm 70° - 1.692 lm	35° - 1.503 lm 50° - 1.706 lm 70° - 1.739 lm	35° - 1.531 lm 50° - 1.737 lm 70° - 1.771 lm
Luminaire efficiency	69 to 80 lm/W	73 to 84 lm/W	75 to 87 lm/W	77 to 89 lm/W



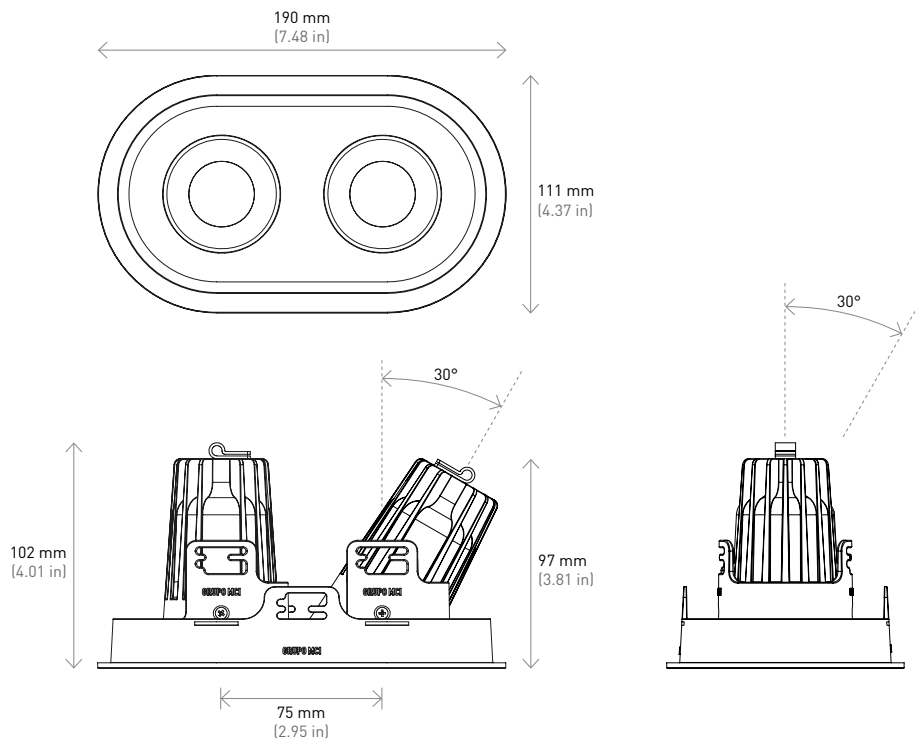
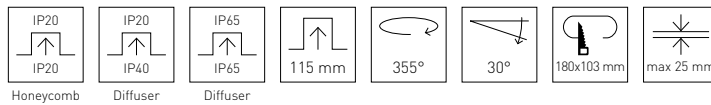
Color temperature conform to **ANSI C78.377A**.
Lumens measurement conform to **LM-79-08**.
Lumens maintenance conform to **LM-80-08**.

Temperatura de color según normativa **ANSI C78.377A**.
Medición lumens según normativa **LM-79-08**.
Mantenimiento lumens según normativa **LM-80-08**.

Caelis Restaurant,
Barcelona, Spain

DOWNITO® 70 DEEP

MEASURES MEDIDAS



Room Mate Hotel,
Barcelona, Spain

**FINISHES
ACABADOS**

In order to satisfy all our customers, three different finishes are available: white, silver and black.
Con el fin de satisfacer las necesidades de nuestros clientes, está disponible en tres acabados: blanco, plata y negro.



White.
Blanco.

[RAL 9003]



Silver.
Plata.

[RAL 9006]



Black.
Negro.

[RAL 9011]



Different finishes for the passive reflector are available: white, black and gold.
Se pueden escoger diferentes acabados para el reflector pasivo: blanco, negro y dorado.

**DETAILS
DETALLES**



35°



50°



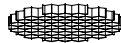
70°

Active reflector
(Engineering by Bartenbach)



Gasket

Honeycomb (IP20)



Diffuser (IP40 & IP65)

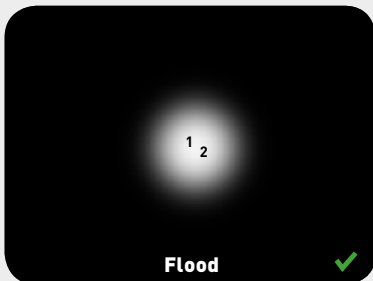


Honeycomb accessory (IP20)
or
Diffuser (IP40 & IP65)
Clear, Milky, Color Filter



Passive reflector (paintable)

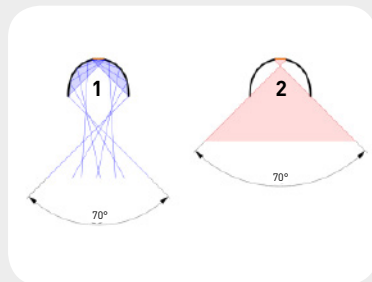
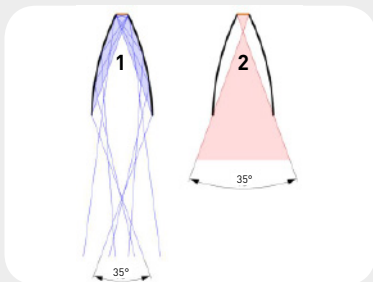
MCI TECHNOLOGY



Flood



Very wide flood



Reflected light (1) + Direct light (2) = **MATCH**
CONCLUSION:
There is no residual light and maximum efficiency.

Luz reflejada (1) + Luz directa (2) = **COINCIDEN**
CONCLUSIÓN:
No hay luz residual y máxima eficiencia.

OTHER TECHNOLOGIES



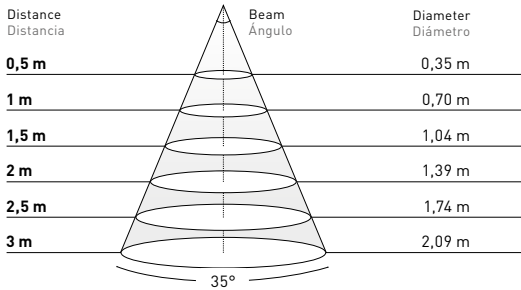
Halo shapes and low efficiency
Halos y baja eficiencia

DOWNITO® 70 DEEP

LIGHT DISTRIBUTION CURVES FOTOMETRÍAS

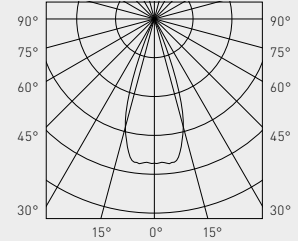
Downito® 70 Square Deep

20 W 35°



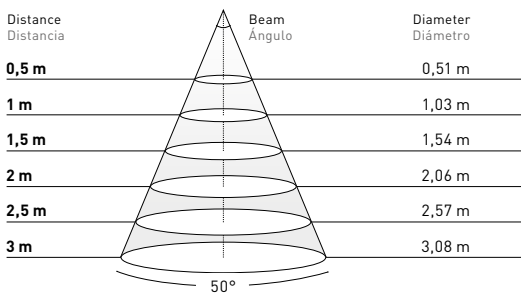
Distance Distancia	Beam Ángulo	Diameter Diámetro
0,5 m		0,35 m
1 m		0,70 m
1,5 m		1,04 m
2 m		1,39 m
2,5 m		1,74 m
3 m		2,09 m

	2700K	3000K	4000K
0,5 m	15.229 lux	16.031 lux	16.672 lux
1 m	3.807 lux	4.008 lux	4.168 lux
1,5 m	1.691 lux	1.781 lux	1.852 lux
2 m	951 lux	1.002 lux	1.042 lux
2,5 m	609 lux	641 lux	666 lux
3 m	422 lux	445 lux	462 lux



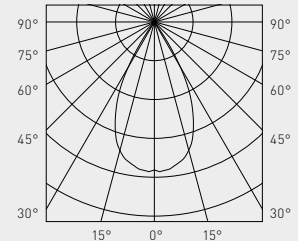
Downito® 70 Square Deep

20 W 50°



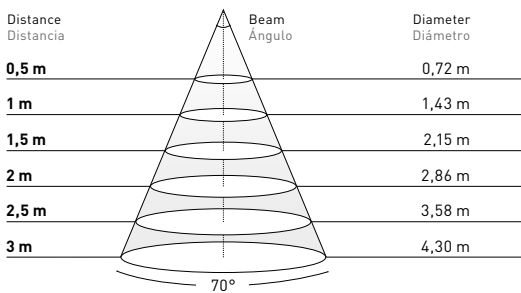
Distance Distancia	Beam Ángulo	Diameter Diámetro
0,5 m		0,51 m
1 m		1,03 m
1,5 m		1,54 m
2 m		2,06 m
2,5 m		2,57 m
3 m		3,08 m

	2700K	3000K	4000K
0,5 m	9.075 lux	9.553 lux	9.935 lux
1 m	2.268 lux	2.388 lux	2.483 lux
1,5 m	1.008 lux	1.061 lux	1.106 lux
2 m	567 lux	597 lux	620 lux
2,5 m	363 lux	382 lux	397 lux
3 m	251 lux	265 lux	275 lux



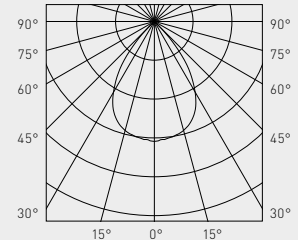
Downito® 70 Square Deep

20 W 70°



Distance Distancia	Beam Ángulo	Diameter Diámetro
0,5 m		0,72 m
1 m		1,43 m
1,5 m		2,15 m
2 m		2,86 m
2,5 m		3,58 m
3 m		4,30 m

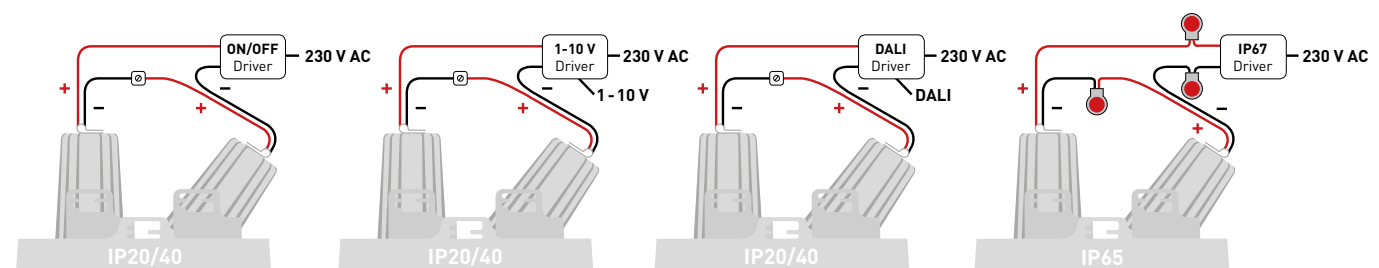
	2700K	3000K	4000K
0,5 m	5.662 lux	5.960 lux	6.198 lux
1 m	1.415 lux	1.490 lux	1.549 lux
1,5 m	629 lux	662 lux	688 lux
2 m	353 lux	372 lux	386 lux
2,5 m	226 lux	238 lux	247 lux
3 m	157 lux	166 lux	172 lux



Data calculated with **Downito® 70 Square Deep with clear diffuser**.
Lumen measurement complies with **UNE-EN 13032 / IES LM-79-08** testing procedures.
Light distribution curves are available at www.grupo-mci.com.
Due to continuous improvements and innovations, specifications may change without notice.

Datos calculados con **Downito® 70 Square Deep con difusor transparente**.
Ensayado bajo las especificaciones de la norma **UNE-EN 13032 / IES LM-79-08**.
Fotometrías disponibles en www.grupo-mci.com.
Debido a las continuas mejoras e innovaciones, las especificaciones pueden cambiar sin previo aviso.

CONNECTIONS CONEXIONES



REFERENCES
REFERENCIAS

7115 5 0 0 /90/4K

COLOR COLOR

/90/4K	4000K
/90/3K5	3500K
/90/3K	3000K
/90/2K7	2700K

BEAM ÁNGULO

0	35°
1	50°
2	70°

FINISHES ACABADOS

0	Silver	Plata
2	Black	Negro
3	White	Blanco

TYPE MODELO

5	IP20		
6	IP40	Diffuser	Difusor
8	IP65	Diffuser	Difusor

OPTIONS
OPCIONES

The standard IP20 version is delivered with: black reflector. Driver not included.

The standard IP40 or IP65 version is delivered with: clear diffuser and black reflector. Driver not included.

La versión estándar IP20 se suministra con: reflector negro. Driver no incluido.

La versión estándar IP40 o IP65 se suministra con: difusor transparente y reflector negro. Driver no incluido.

PASSIVE REFLECTOR REFLECTOR PASIVO

Chrome	Cromado
Black	Negro (Standard)
White	Blanco
Gold	Dorado

DIFFUSER DIFUSOR (IP40 & IP65)

Clear	Transparente (Standard)
Milky	Opal
Color filter	Filtro de color

HONEYCOMB PANEL DE ABEJA (IP20)

Honeycomb (accessory)	Panel de abeja (accesorio)
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The Honeycomb must be ordered together with the lighting fixture.

El Panel de abeja debe pedirse junto con la luminaria.

DRIVERS REFERENCES
REFERENCIAS DRIVERS



Drivers 350mA			
3090784	Driver 350mA On/Off (25 W)	Driver 350mA On/Off (25 W)	1
3090785	Driver 350mA, DALI, 1-10V, Push (25 W)	Driver 350mA, DALI, 1-10V, Push (25 W)	2
IP67 Drivers 350mA			
3090792	1-10V & 10V PWM IP67 Driver 350mA (33 W)	Driver IP67 350mA 1-10V & 10V PWM (33 W)	3

ACCESSORIES REFERENCES
REFERENCIAS ACCESORIOS



M083025	UR2 3M end piece connector	Conector - Terminal UR2 3M	1
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To control the luminaires via Bluetooth see page 326 (DLCM drivers, eBLUE 0-10V / DALI devices)
Para controlar las luminarias via Bluetooth consultar página 326 (drivers DLCM, eBLUE 0-10V / DALI dispositivos)

Store Caixa Bank,
Barcelona, Spain





DOWNITO® 90

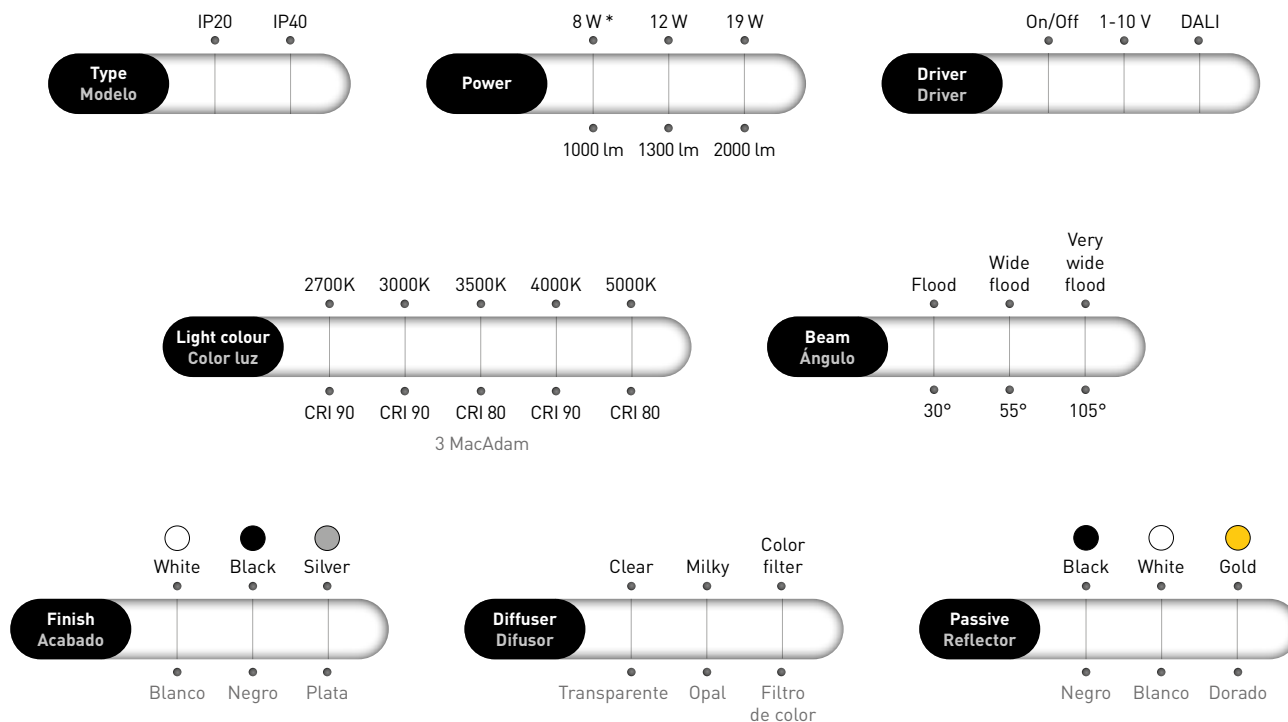


DOWNITO®90

ADJUSTABLE (+/- 20°)

- LED downlight for accent lighting
- Smart reflector: active + passive (paintable)
- Multi-power downlight, from 8 W to 19 W
- Luminous flux range from 700 lm to 1800 lm
- Luminaire efficiency 120 lm/W
- 3 beam angles: 30°, 55° and 105°
- Accessories available: diffuser clear, opal, color filter, etc.
- Thermal test certificate

- Downlight LED para iluminación de acento
- Reflector inteligente: activo + pasivo (pintable)
- Downlight multi-power, de 8 W a 19 W
- Flujo lumínico de 700 lm a 1800 lm
- Eficiencia de la luminaria 120 lm/W
- 3 ángulos de apertura: 30°, 55° y 105°
- Accesorios disponibles: difusor transparente, opal, filtro de color, etc.
- Test térmico certificado



* 8W only available with On/Off Control.
8W sólo disponible con control On/Off.

The standard IP20 version is delivered with chromed reflector. Driver not included.
La versión estándar IP20 se suministra con reflector cromado. Driver no incluido.

The standard IP40 version is delivered with clear diffuser and chromed reflector. Driver not included.
La versión estándar IP40 se suministra con difusor transparente y reflector cromado. Driver no incluido.

SPECIFICATIONS
CARACTERÍSTICAS

UGR
< 19

IP20
IP40



on/off
DALI
1-10V

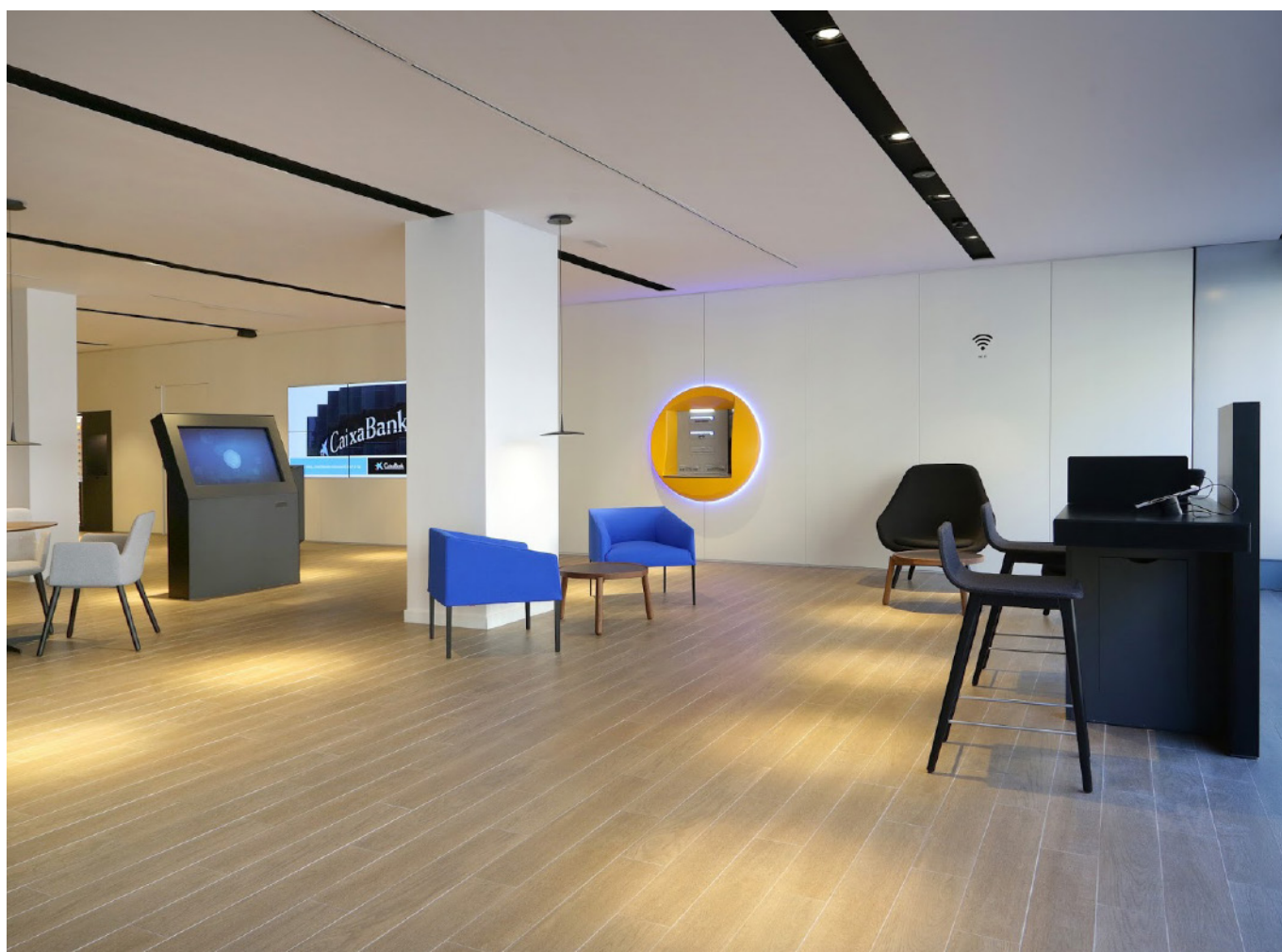
Driver
Not
Included

AL
Housing

T_a
min -20°C
-4°F
T_a
max +50°C
+122°F



Downito® 90					
Measures	Ø90 x 95 mm				
Weight	0,7 kg				
8 W (250 mA)					
Color temperatures	2700K - CRI 90	3000K - CRI 90	3500K - CRI 80	4000K - CRI 90	5000K - CRI 80
Lumens output	30° - 690 lm 55° - 655 lm 105° - 615 lm	30° - 742 lm 55° - 705 lm 105° - 662 lm	30° - 929 lm 55° - 884 lm 105° - 825 lm	30° - 809 lm 55° - 770 lm 105° - 720 lm	30° - 985 lm 55° - 940 lm 105° - 880 lm
Luminaire efficiency	77 to 86 lm/W	83 to 93 lm/W	103 to 116 lm/W	90 to 101 lm/W	110 to 123 lm/W
12 W (350 mA)					
Color temperatures	2700K - CRI 90	3000K - CRI 90	3500K - CRI 80	4000K - CRI 90	5000K - CRI 80
Lumens output	30° - 920 lm 55° - 875 lm 105° - 819 lm	30° - 960 lm 55° - 914 lm 105° - 855 lm	30° - 1230 lm 55° - 1170 lm 105° - 1097 lm	30° - 1054 lm 55° - 1003 lm 105° - 938 lm	30° - 1287 lm 55° - 1225 lm 105° - 1145 lm
Luminaire efficiency	68 to 76 lm/W	71 to 80 lm/W	91 to 102 lm/W	78 to 88 lm/W	95 to 107 lm/W
19 W (500 mA)					
Color temperatures	2700K - CRI 90	3000K - CRI 90	3500K - CRI 80	4000K - CRI 90	5000K - CRI 80
Lumens output	30° - 1311 lm 55° - 1248 lm 105° - 1168 lm	30° - 1370 lm 55° - 1303 lm 105° - 1221 lm	30° - 1618 lm 55° - 1540 lm 105° - 1443 lm	30° - 1482 lm 55° - 1410 lm 105° - 1320 lm	30° - 1826 lm 55° - 1738 lm 105° - 1650 lm
Luminaire efficiency	67 to 69 lm/W	64 to 72 lm/W	76 to 85 lm/W	70 to 78 lm/W	87 to 96 lm/W



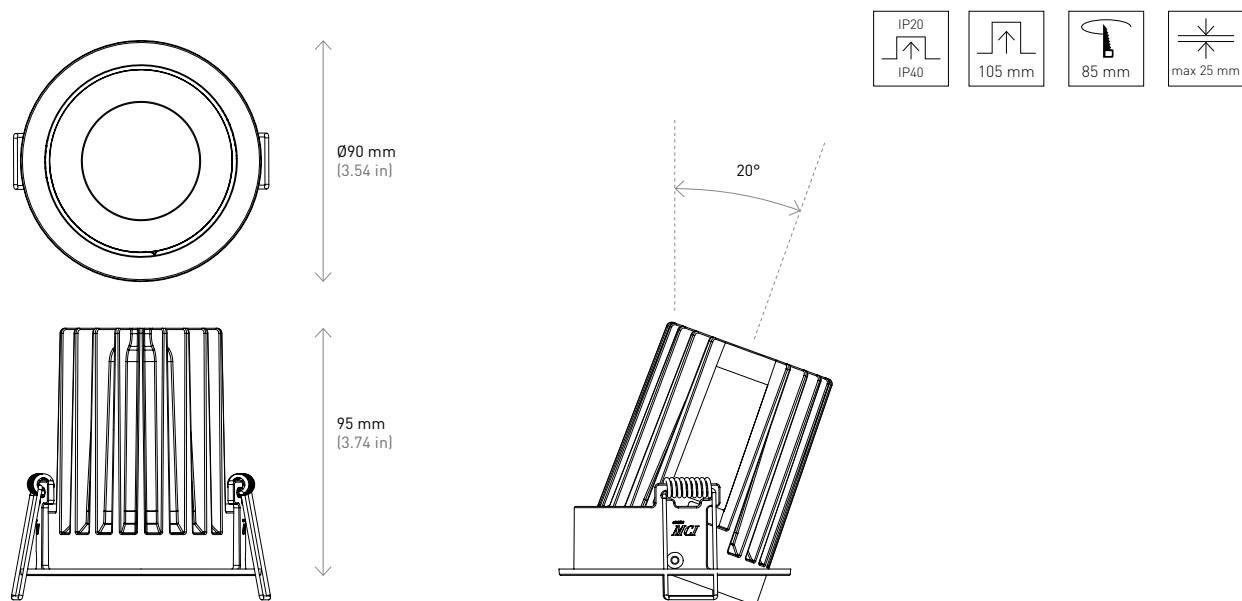
Color temperature conform to **ANSI C78.377A**.
Lumens measurement conform to **LM-79-08**.
Lumens maintenance conform to **LM-80-08**.

Temperatura de color según normativa **ANSI C78.377A**.
Medición lumens según normativa **LM-79-08**.
Mantenimiento lumens según normativa **LM-80-08**.

Store Caixa Bank,
Barcelona, Spain

DOWNITO® 90

MEASURES MEDIDAS



FINISHES ACABADOS

In order to satisfy all our customers, three different finishes are available: white, silver and black.
Con el fin de satisfacer las necesidades de nuestros clientes, está disponible en tres acabados: blanco, plata y negro.



White.
Blanco. (RAL 9003)



Silver.
Plata. (RAL 9006)



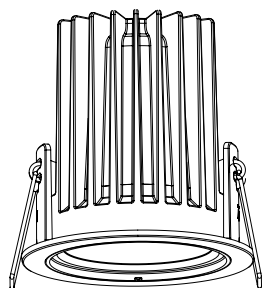
Black.
Negro. (RAL 9011)

DETAILS DETALLES

Different finishes for the passive reflector are available: white, black and gold.
Se pueden escoger diferentes acabados para el reflector pasivo: blanco, negro y dorado.



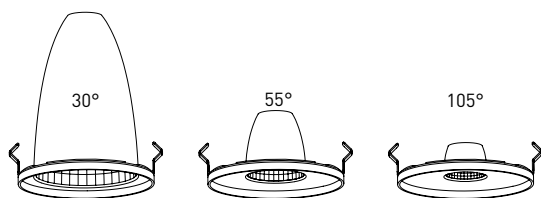
DETAILS
DETALLES



COB



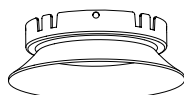
COB holder



Active reflector
(Engineering by Bartenbach)



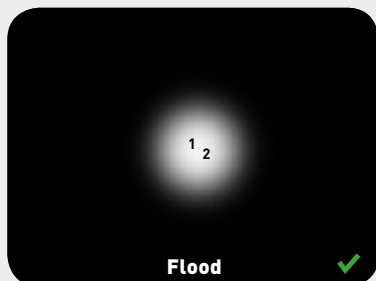
Diffuser (IP40)
Clear, Milky, Color Filter



Passive reflector (paintable)



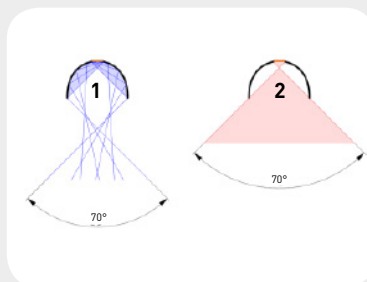
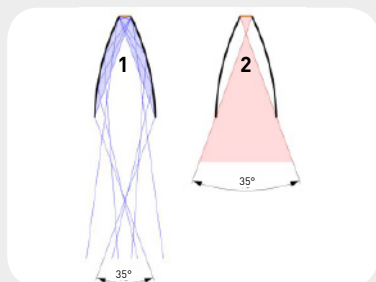
MCI TECHNOLOGY



Flood



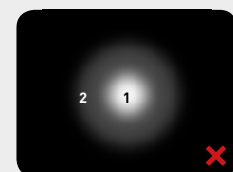
Very wide flood



Reflected light (1) + Direct light (2) = **MATCH**
CONCLUSION:
There is no residual light and maximum efficiency.

Luz reflejada (1) + Luz directa (2) = **COINCIDEN**
CONCLUSIÓN:
No hay luz residual y máxima eficiencia.

OTHER TECHNOLOGIES



Halo shapes and low efficiency
Halos y baja eficiencia

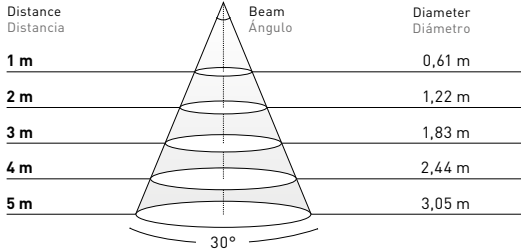
DOWNITO® 90

LIGHT DISTRIBUTION CURVES FOTOMETRÍAS

Downito® 90

3500K

30°



8 W

12 W

19 W

1.648 lux

2.182 lux

2.870 lux

412 lux

546 lux

718 lux

183 lux

242 lux

319 lux

103 lux

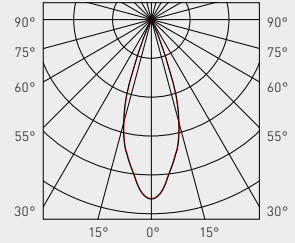
136 lux

179 lux

66 lux

87 lux

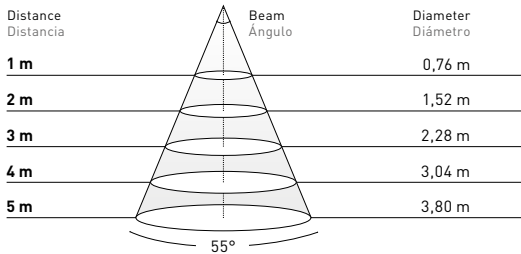
115 lux



Downito® 90

3500K

55°



8 W

12 W

19 W

742 lux

982 lux

1.292 lux

185 lux

245 lux

323 lux

82 lux

109 lux

144 lux

46 lux

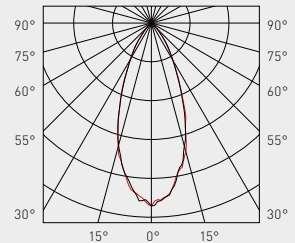
61 lux

81 lux

30 lux

39 lux

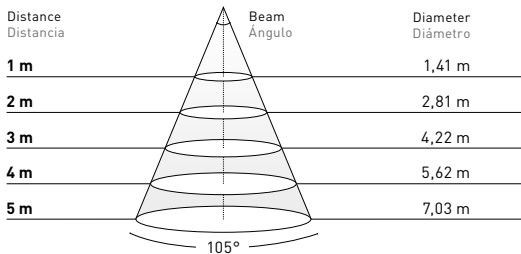
52 lux



Downito® 90

3500K

105°



8 W

12 W

19 W

316 lux

421 lux

554 lux

79 lux

105 lux

138 lux

35 lux

47 lux

62 lux

20 lux

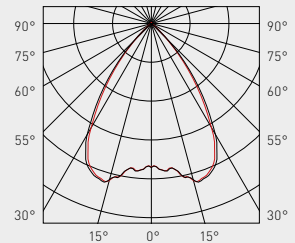
26 lux

35 lux

13 lux

17 lux

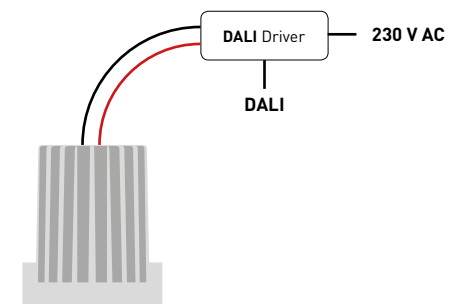
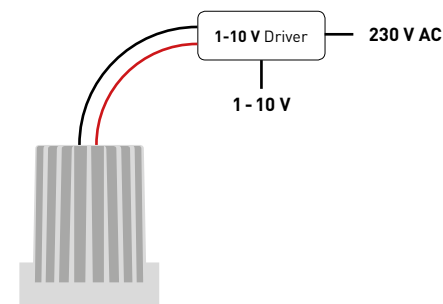
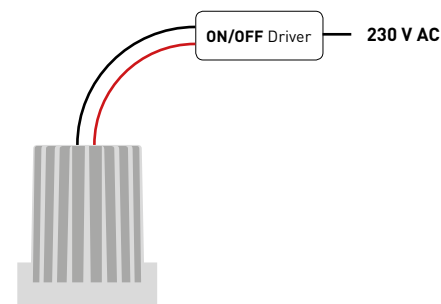
22 lux



Data calculated with **Downito® 90 (3500K)**.
Lumen measurement complies with **UNE-EN 13032 / IES LM-79-08** testing procedures.
Light distribution curves are available at www.grupo-mci.com.
Due to continuous improvements and innovations, specifications may change without notice.

Datos calculados con **Downito® 90 (3500K)**.
Ensayado bajo las especificaciones de la norma **UNE-EN 13032 / IES LM-79-08**.
Fotometrías disponibles en www.grupo-mci.com.
Debido a las continuas mejoras e innovaciones, las especificaciones pueden cambiar sin previo aviso.

CONNECTIONS CONEXIONES



REFERENCES
REFERENCIAS

7111 0 0 0 /90/3K

COLOR COLOR

- /80/5K 5000K
- /90/4K 4000K
- /80/3K5 3500K
- /90/3K 3000K
- /90/2K7 2700K

BEAM ÁNGULO

- 0 30°
- 1 55°
- 2 105°

FINISHES ACABADOS

- 0 Silver Plata
- 2 Black Negro
- 3 White Blanco

TYPE MODELO

- 0 IP20
- 1 IP40

OPTIONS
OPCIONES

The standard version is delivered with:
clear diffuser and chrome reflector.

La versión estándar se suministra con:
difusor transparente y reflector pasivo cromado.

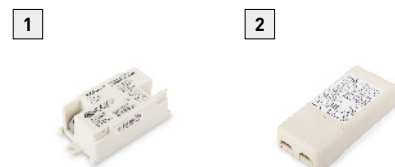
DIFFUSER DIFUSOR (IP40)

- Clear Transparente **(Standard)**
- Milky Opal
- Color filter Filtro de color

PASSIVE REFLECTOR REFLECTOR PASIVO

- Chrome Cromado **(Standard)**
- Black Negro
- White Blanco
- Gold Dorado

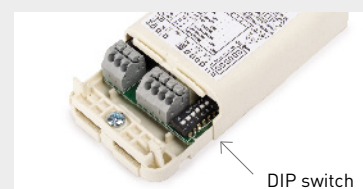
DRIVERS REFERENCES
REFERENCIAS DRIVERS



Drivers 350mA		
3090770	Driver 350mA On/Off (12 W)	Driver 350mA On/Off (12 W)
3090771	Driver 350mA 1-10 V (12 W)	Driver 350mA 1-10 V (12 W)
Drivers 500mA		
3090773	Driver 500mA On/Off (18 W)	Driver 500mA On/Off (18 W)
3090774	Driver 500mA 1-10 V (18 W)	Driver 500mA 1-10 V (18 W)
Drivers multi-power		
3090700	On/Off multi-power driver (8 W to 19 W)	Driver multi-power On/Off (8 W hasta 19 W)
3090701	1-10 V multi-power driver (12 W to 19 W)	Driver multi-power 1-10 V (12 W hasta 19 W)
3090702	DALI multi-power driver (0-32 W)	DALI multi-power driver (0-32 W)

MULTI-POWER DRIVER CONNECTIONS TABLE
TABLA DE CONEXIONES DRIVER MULTI-POWER

		250 mA	350 mA	500 mA
3090700	On/off	8 W	12 W	19 W
3090701	1-10 V	-	12 W	19 W
3090702	DALI	-	12 W	19 W



To control the luminaires via Bluetooth see page 326 (DLCM drivers, eBLUE 0-10V / DALI devices)
Para controlar las luminarias via Bluetooth consultar página 326 (drivers DLCM, eBLUE 0-10V / DALI dispositivos)





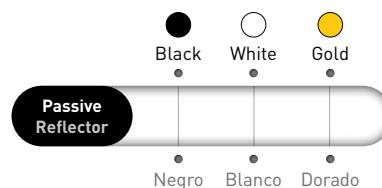
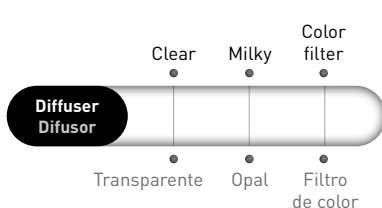
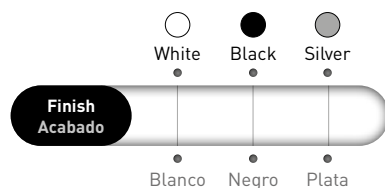
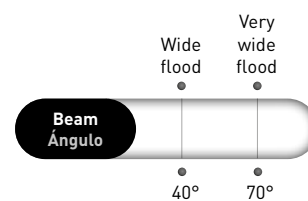
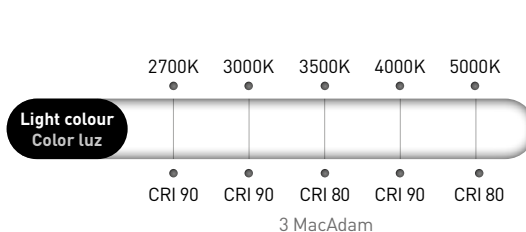
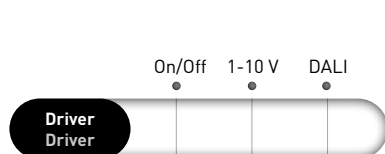
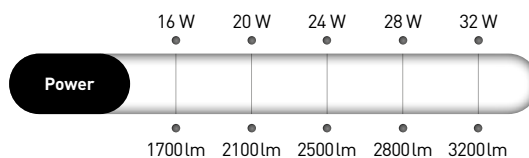
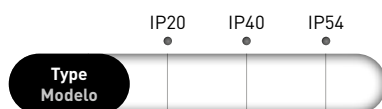
DOWNITO® 110



DOWNITO®110

- LED downlight for ambient lighting
- Smart reflector: active + passive (paintable)
- Multi-power downlight, from 16 W to 32 W
- Luminous flux range from 1200 lm to 3200 lm
- Luminaire efficiency 110 lm/W
- 2 beam angles: 40° and 70°
- IP20, IP40 and IP54
- Accessories available: diffuser clear, opal, color filter, etc.
- Thermal test certificate

- Downlight LED para iluminación ambiental
- Reflector Smart: activo + pasivo (pintable)
- Downlight Multi-power, de 16 W a 32 W
- Flujos lumínicos de 1200 lm a 3200 lm
- Eficiencia de la luminaria 110 lm/W
- 2 ángulos de apertura: 40° y 70°
- IP20, IP40 y IP54
- Accesorios disponibles: difusor transparente, opal, filtro de color, etc.
- Test térmico certificado



The standard IP20 version is delivered with chromed reflector. Driver not included.
La versión estándar IP20 se suministra con reflector cromado. Driver no incluido.

The standard IP40 and IP54 versions are delivered with clear diffuser and chromed reflector. Driver not included.
Las versiones estándar IP40 y IP54 se suministran con difusor transparente y reflector cromado. Driver no incluido.

SPECIFICATIONS
CARACTERÍSTICAS

UGR < 19	IP20 IP40 IP54		on/off DALI 1-10V	Driver Not Included	AL Housing	Ta min -20°C -4°F Ta max +50°C +122°F	
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Downito® 110						
Measures	Ø110 x 100 mm					
Weight	0,8 kg					
16 W (500 mA)						
Color temperatures	2700K – CRI 90	3000K – CRI 90	3500K – CRI 80	4000K – CRI 90	5000K – CRI 80	
Lumens output	40° - 1270 lm 70° - 1175 lm	40° - 1310 lm 70° - 1215 lm	40° - 1690 lm 70° - 1565 lm	40° - 1425 lm 70° - 1320 lm	40° - 1760 lm 70° - 1625 lm	
Luminaire efficiency	73 to 79 lm/W	76 to 82 lm/W	98 to 106 lm/W	82 to 89 lm/W	102 to 110 lm/W	
20 W (600 mA)						
Color temperatures	2700K – CRI 90	3000K – CRI 90	3500K – CRI 80	4000K – CRI 90	5000K – CRI 80	
Lumens output	40° - 1520 lm 70° - 1405 lm	40° - 1575 lm 70° - 1460 lm	40° - 2020 lm 70° - 1875 lm	40° - 1710 lm 70° - 1580 lm	40° - 2106 lm 70° - 1948 lm	
Luminaire efficiency	70 to 76 lm/W	73 to 79 lm/W	94 to 101 lm/W	79 to 86 lm/W	98 to 105 lm/W	
24 W (700 mA)						
Color temperatures	2700K – CRI 90	3000K – CRI 90	3500K – CRI 80	4000K – CRI 90	5000K – CRI 80	
Lumens output	40° - 1775 lm 70° - 1645 lm	40° - 1835 lm 70° - 1700 lm	40° - 2365 lm 70° - 2190 lm	40° - 1995 lm 70° - 1845 lm	40° - 2460 lm 70° - 2275 lm	
Luminaire efficiency	68 to 74 lm/W	70 to 76 lm/W	91 to 99 lm/W	73 to 83 lm/W	95 to 103 lm/W	
28 W (800 mA)						
Color temperatures	2700K – CRI 90	3000K – CRI 90	3500K – CRI 80	4000K – CRI 90	5000K – CRI 80	
Lumens output	40° - 2026 lm 70° - 1895 lm	40° - 2095 lm 70° - 1942 lm	40° - 2705 lm 70° - 2514 lm	40° - 2275 lm 70° - 2106 lm	40° - 2810 lm 70° - 2600 lm	
Luminaire efficiency	68 to 72 lm/W	70 to 75 lm/W	90 to 97 lm/W	75 to 81 lm/W	93 to 100 lm/W	
32 W (900 mA)						
Color temperatures	2700K – CRI 90	3000K – CRI 90	3500K – CRI 80	4000K – CRI 90	5000K – CRI 80	
Lumens output	40° - 2280 lm 70° - 2110 lm	40° - 2360 lm 70° - 2185 lm	40° - 3040 lm 70° - 2812 lm	40° - 2560 lm 70° - 2370 lm	40° - 3160 lm 70° - 2923 lm	
Luminaire efficiency	66 to 71 lm/W	68 to 74 lm/W	88 to 95 lm/W	74 to 80 lm/W	91 to 99 lm/W	

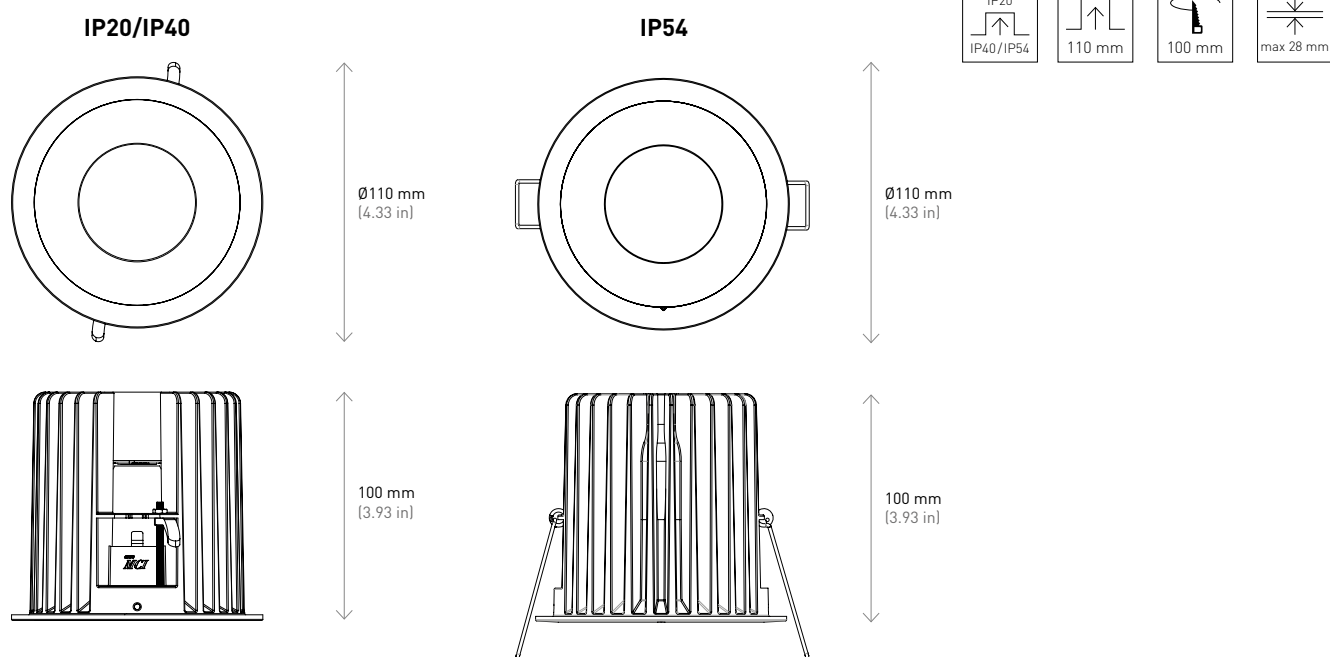


Color temperature conform to **ANSI C78.377A**.
Lumens measurement conform to **LM-79-08**.
Lumens maintenance conform to **LM-80-08**.

Temperatura de color según normativa **ANSI C78.377A**.
Medición lumens según normativa **LM-79-08**.
Mantenimiento lumens según normativa **LM-80-08**.

“Great Amber” Concert Hall,
Liepaja, Latvia

MEASURES MEDIDAS



FINISHES ACABADOS

In order to satisfy all our customers, three different finishes are available: white, silver and black.
Con el fin de satisfacer las necesidades de nuestros clientes, está disponible en tres acabados: blanco, plata y negro.



White.
Blanco. (RAL 9003)



Silver.
Plata. (RAL 9006)



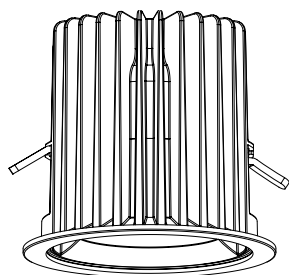
Black.
Negro. (RAL 9011)

DETAILS DETALLES

Different finishes for the passive reflector are available: white, black and gold.
Se pueden escoger diferentes acabados para el reflector pasivo: blanco, negro y dorado.



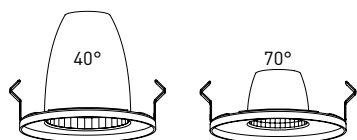
DETAILS
DETALLES



COB



COB holder



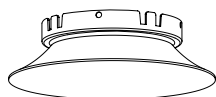
Active reflector
(Engineering by Bartenbach)



Diffuser (IP40)
Clear, Milky, Color Filter



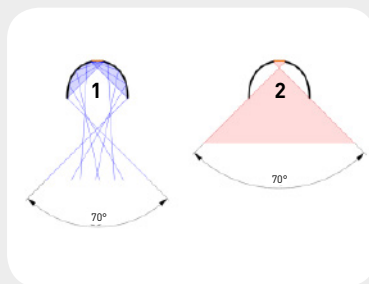
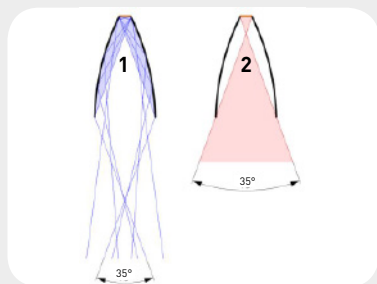
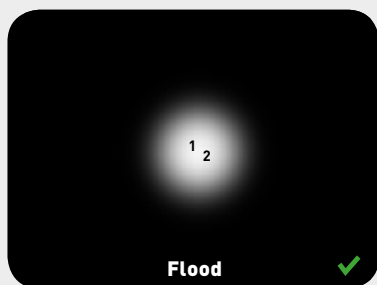
Gasket (IP54)



Passive reflector (paintable)



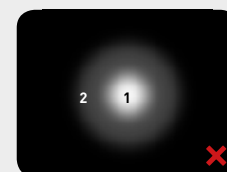
MCI TECHNOLOGY



Reflected light (1) + Direct light (2) = **MATCH**
CONCLUSION:
There is no residual light and maximum efficiency.

Luz reflejada (1) + Luz directa (2) = **COINCIDEN**
CONCLUSIÓN:
No hay luz residual y máxima eficiencia.

OTHER TECHNOLOGIES



Halo shapes and low efficiency
Halos y baja eficiencia

DOWNITO® 110

LIGHT DISTRIBUTION CURVES FOTOMETRÍAS

Downito® 110

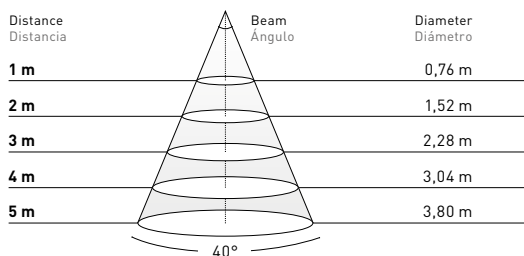
3500K

40°

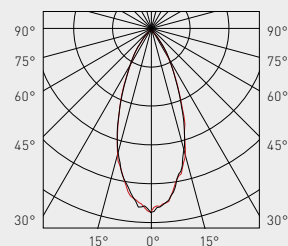
16 W

24 W

32 W



Distance	16 W	24 W	32 W
1 m	1.418 lux	1.984 lux	2.551 lux
2 m	355 lux	496 lux	638 lux
3 m	158 lux	220 lux	283 lux
4 m	89 lux	124 lux	159 lux
5 m	57 lux	79 lux	102 lux



Downito® 110

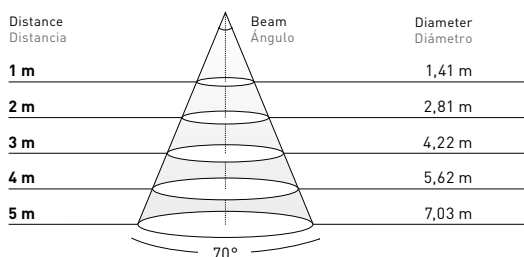
3500K

70°

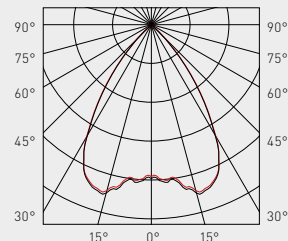
16 W

24 W

32 W



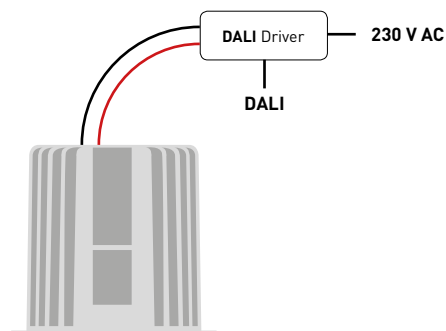
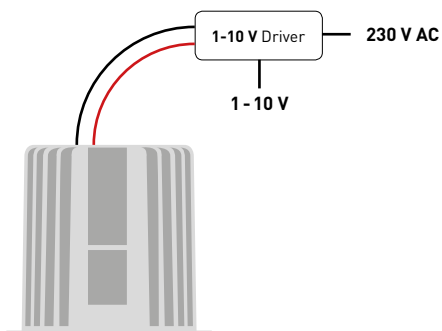
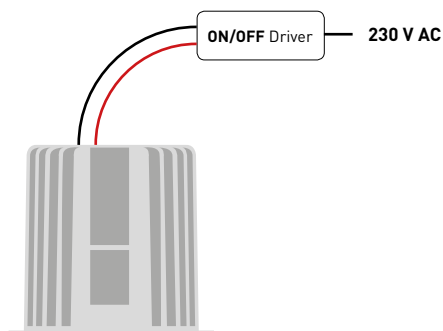
Distance	16 W	24 W	32 W
1 m	600 lux	840 lux	1.079 lux
2 m	150 lux	210 lux	270 lux
3 m	67 lux	93 lux	120 lux
4 m	38 lux	53 lux	67 lux
5 m	24 lux	34 lux	43 lux



Data calculated with **Downito® 110 (3500K)**.
Lumen measurement complies with **UNE-EN 13032 / IES LM-79-08** testing procedures.
Light distribution curves are available at www.grupo-mci.com.
Due to continuous improvements and innovations, specifications may change without notice.

Datos calculados con **Downito® 110 (3500K)**.
Ensayado bajo las especificaciones de la norma **UNE-EN 13032 / IES LM-79-08**.
Fotometrías disponibles en www.grupo-mci.com.
Debido a las continuas mejoras e innovaciones, las especificaciones pueden cambiar sin previo aviso.

CONNECTIONS CONEXIONES



REFERENCES
REFERENCIAS

7112 0 0 1 /90/3K

COLOR COLOR

- /80/5K 5000K
- /90/4K 4000K
- /80/3K5 3500K
- /90/3K 3000K
- /90/2K7 2700K

BEAM ÁNGULO

- 1 40°
- 2 70°

FINISHES ACABADOS

- 0 Silver Plata
- 2 Black Negro
- 3 White Blanco

TYPE MODELO

- 0 IP20
- 1 IP40
- 2 IP54

OPTIONS
OPCIONES

The standard version is delivered with:
clear diffuser and chrome reflector.

La versión estándar se suministra con:
difusor transparente y reflector pasivo cromado.

DIFFUSER DIFUSOR (IP40/IP54)

- Clear Transparente **(Standard)**
- Milky Opal
- Color filter Filtro de color

PASSIVE REFLECTOR REFLECTOR PASIVO

- Chrome Cromado **(Standard)**
- Black Negro
- White Blanco
- Gold Dorado

DRIVERS REFERENCES
REFERENCIAS DRIVERS

1

2

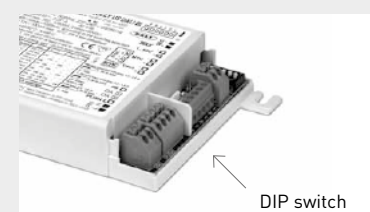
3



Drivers 500mA		
3090773	Driver 500mA On/Off (18 W)	Driver 500mA On/Off (18 W)
3090774	Driver 500mA 1-10 V (18 W)	Driver 500mA 1-10 V (18 W)
Drivers 700mA		
3090776	Driver 700mA On/Off (24 W)	Driver 700mA On/Off (24 W)
3090777	Driver 700mA 1-10 V (24 W)	Driver 700mA 1-10 V (24 W)
Drivers 900mA		
3090779	Driver 900mA On/Off (32 W)	Driver 900mA On/Off (32 W)
3090780	Driver 900mA 1-10 V (32 W)	Driver 900mA 1-10 V (32 W)
Drivers multi-power		
3090703	On/Off multi-power driver (16 W to 32 W)	Driver multi-power On/Off (16 W hasta 32 W)
3090704	1-10 V / DALI multi-power driver (16 W to 32 W)	Driver multi-power 1-10 V / DALI (16 W to 32 W)

MULTI-POWER DRIVER CONNECTIONS TABLE
TABLA DE CONEXIONES DRIVER MULTI-POWER

		500 mA	550 mA	600 mA	650 mA	700 mA	750 mA	800 mA	850 mA	900 mA
3090703	On/off	16 W	18 W	20 W	22 W	24 W	26 W	28 W	30 W	32 W
3090704	1-10 V / DALI	16 W	18 W	-	22 W	24 W	26 W	-	30 W	32 W



DIP switch

To control the luminaires via Bluetooth see page 326 (DLCM drivers, eBLUE 0-10V / DALI devices)
Para controlar las luminarias via Bluetooth consultar página 326 (drivers DLCM, eBLUE 0-10V / DALI dispositivos)

Kaskazuri restaurant
San Sebastián, Spain





LINEAR FLEX®

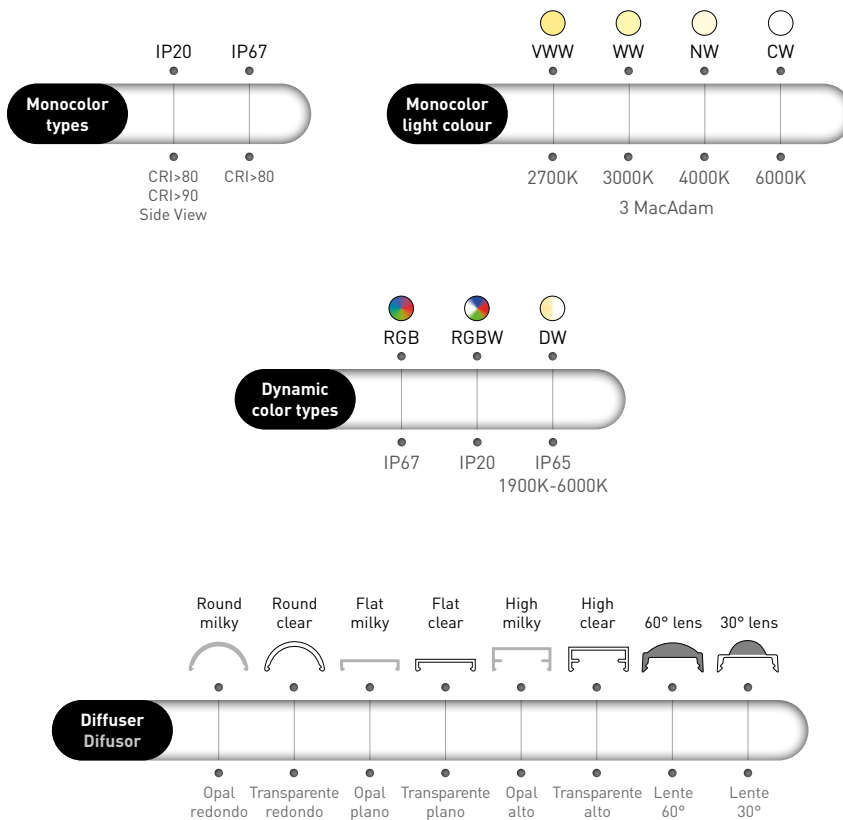
3 MacAdam



LINEAR FLEX®

3 MacAdam

- Cove lighting and other applications
 - 3 MacAdam: chromatic stability control
 - 4 color temperature: 2700K, 3000K, 4000K and 6000K
 - CRI>90, RGB, RGBW, DW and side view types
 - Wide range of powers, from 4,8W/m to 33,6W/m
 - Dimmable flexible strip
 - Up to 3074 lm/m
 - It can be cut on size at site
 - IP20 and IP67
 - Accessories: aluminum profile, diffuser and lenses
- Iluminación de foseados y otras aplicaciones
 - 3 MacAdam: control de la estabilidad cromática
 - 4 temperaturas de color: 2700K, 3000K, 4000K y 6000K
 - Modelos CRI>90, RGB, RGBW, DW y side view
 - Gran variedad de potencias, de 4,8W/m a 33,6W/m
 - Tiras flexibles dimerizables
 - Hasta 3074 lm/W
 - Se puede cortar a medida en la obra
 - IP20 y IP67
 - Perfil de aluminio, difusores y lentes como accesorios



SPECIFICATIONS
CARACTERÍSTICAS



Linear Flex®													
	Color (K)	Bin (±K)	CRI*	lm/m (lm)	lm/W (lm)	N° of LEDs/m	LED Pitch (mm)	Cutting Length (mm)	W/Reel (W)	Length (m)	Width (mm)	IP	Product References
Linear Flex® Monocolor IP20													
4,8 W/m	2700K	50	>80	284 lm	59	60	16,6	100	20W	5m	8	20	7260000/80/2K7
	3000K	75		291 lm	61								7260000/80/3K
	4000K	125		304 lm	63								7260000/80/4K
	6000K	200		330 lm	69								7260000/80/6K
9,6 W/m	2700K	50	>80	1011 lm	105	84	11,9	71	39W	5m	8	20	7260010/80/2K7
	3000K	75		1035 lm	108								7260010/80/3K
	4000K	125		1082 lm	113								7260010/80//4K
	6000K	200		1170 lm	122								7260010/80/6K
14,4 W/m	2700K	50	>80	1458 lm	101	120	8,3	50	58W	5m	8	20	7260020/80/2K7
	3000K	75		1488 lm	103								7260020/80/3K
	4000K	125		1550 lm	108								7260020/80//4K
	6000K	200		1680 lm	117								7260020/80/6K
24 W/m	2700K	50	>80	1889 lm	79	120	8,3	50	96W	5m	8	20	7260030/80/2K7
	3000K	75		1933 lm	81								7260030/80/3K
	4000K	125		2021 lm	84								7260030/80/4K
	6000K	200		2196 lm	92								7260030/80/6K
33,6 W/m	2700K	50	>80	2644 lm	79	168	5,9	36	81W	3m	8	20	7260040/80/2K7
	3000K	75		2705 lm	81								7260040/80/3K
	4000K	125		2828 lm	84								7260040/80/4K
	6000K	200		3074 lm	91								7260040/80/6K
Linear Flex® Monocolor CRI>90													
14,4 W/m	2700K	50	>90	825 lm	57	120	8,3	50	58W	5m	8	20	7260020/90/2K7
	3000K	75		865 lm	60								7260020/90/3K
	4000K	125		904 lm	63								7260020/90/4K
24 W/m	2700K	50	>90	1402 lm	58	240	4,1	25	96W	5m	8	20	7260030/90/2K7
	3000K	75		1500 lm	63								7260030/90/3K
	4000K	125		1630 lm	68								7260030/90/4K
Linear Flex® Monocolor Side View													
9,6 W/m	2700K	50	>80	826 lm	86	120	8,3	50	38,4W	5m	8	20	7261020/80/2K7
	3000K	75		845 lm	88								7261020/80/3K
	4000K	125		884 lm	92								7261020/80/4K
Linear Flex® Monocolor IP67													
4,8 W/m	2700K	50	>80	267 lm	56	60	16,6	100	20W	5m	10	67	7260003/80/2K7
	3000K	75		273 lm	57								7260003/80/3K
	4000K	125		285 lm	59								7260003/80/4K
	6000K	200		310 lm	65								7260003/80/6K
9,6 W/m	2700K	50	>80	951 lm	99	84	11,9	71	39W	5m	10	67	7260013/80/2K7
	3000K	75		973 lm	101								7260013/80/3K
	4000K	125		1017 lm	106								7260013/80/4K
	6000K	200		1106 lm	115								7260013/80/6K
14,4 W/m	2700K	50	>80	1269 lm	88	120	8,3	50	58W	5m	10	67	7260023/80/2K7
	3000K	75		1295 lm	90								7260023/80/3K
	4000K	125		1348 lm	96								7260023/80/4K
	6000K	200		1462 lm	102								7260023/80/6K
24 W/m	2700K	50	>80	1760 lm	73	120	8,3	50	96W	5m	10	67	7260033/80/2K7
	3000K	75		1800 lm	75								7260033/80/3K
	4000K	125		1999 lm	83								7260033/80/4K
	6000K	200		2021 lm	84								7260033/80/6K
Linear Flex® Dynamic Colors													
RGB / 14,4 W/m	RGB	-	-	R+G+B: 150 lm	10	60	16,6	100	58W	5m	12	67	7260203/11
				R:45 lm / G:88 lm / B:17 lm									
RGBW / 16,32 W/m	RGBW (6000K)	-	>80	R+G+B+W: 900 lm	38	120	16,6	100	66W	5m	12	20	7260220/11-6K
				R:180 lm / G:350 lm / B:70 lm / W:300 lm									
DW / 19,2 W/m	1.900K-6.000K	250	>90	1900K:840 lm / 6000K:1080 lm	100	240	8,3	50	77W	5m	12	65	7260222/1K9-6K

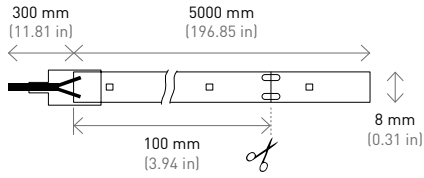
Color temperature conform to **ANSI C78.377A**.
Lumens measurement conform to **LM-79-08**.
Lumens maintenance conform to **LM-80-08**.

Temperatura de color según normativa **ANSI C78.377A**.
Medición lumens según normativa **LM-79-08**.
Mantenimiento lumens según normativa **LM-80-08**.

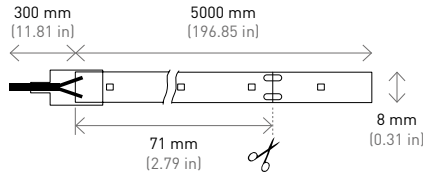
**MEASURES
MEDIDAS**

IP20

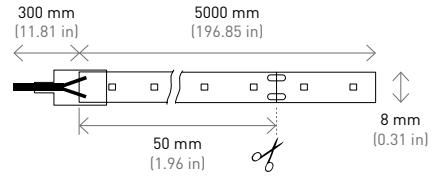
4,8W/m (60 LEDs/m)



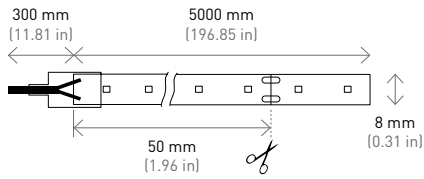
9,6W/m (84 LEDs/m)



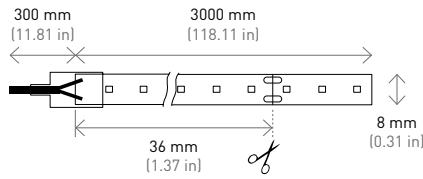
14,4W/m (120 LEDs/m)



24W/m (120 LEDs/m)

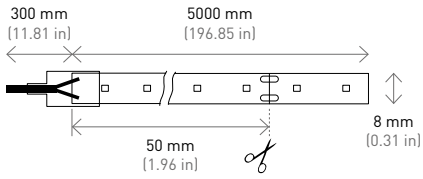


33,6W/m (168 LEDs/m)

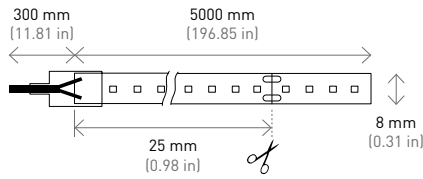


CRI>90

14,4W/m (120 LEDs/m)

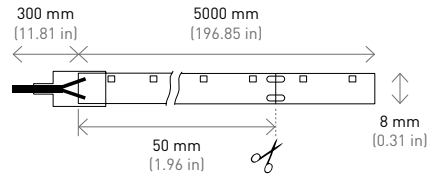


24W/m (240 LEDs/m)



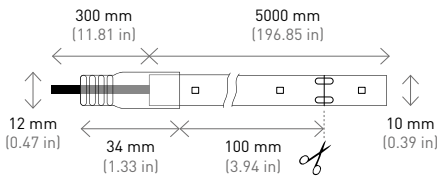
SIDE VIEW

9,6W/m (120 LEDs/m)

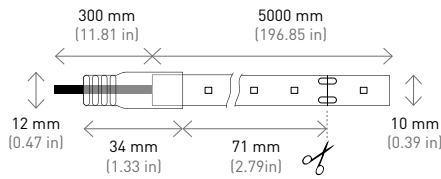


IP67

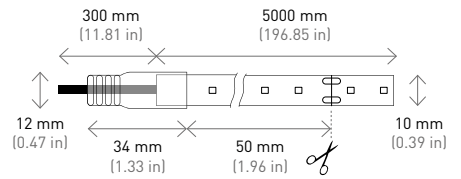
4,8W/m (60 LEDs/m)



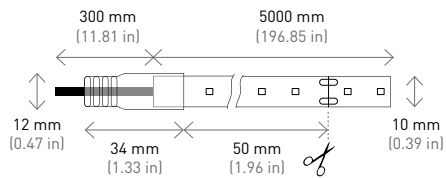
9,6W/m (84 LEDs/m)



14,4W/m (120 LEDs/m)

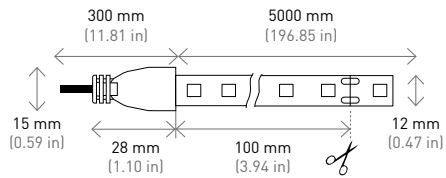


24W/m (120 LEDs/m)

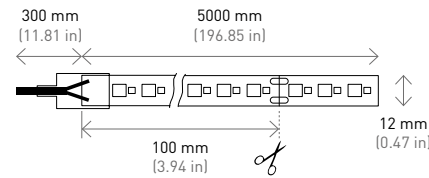


DYNAMIC COLORS

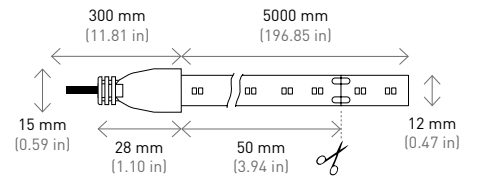
RGB 14,4W/m (60 LEDs/m) IP20



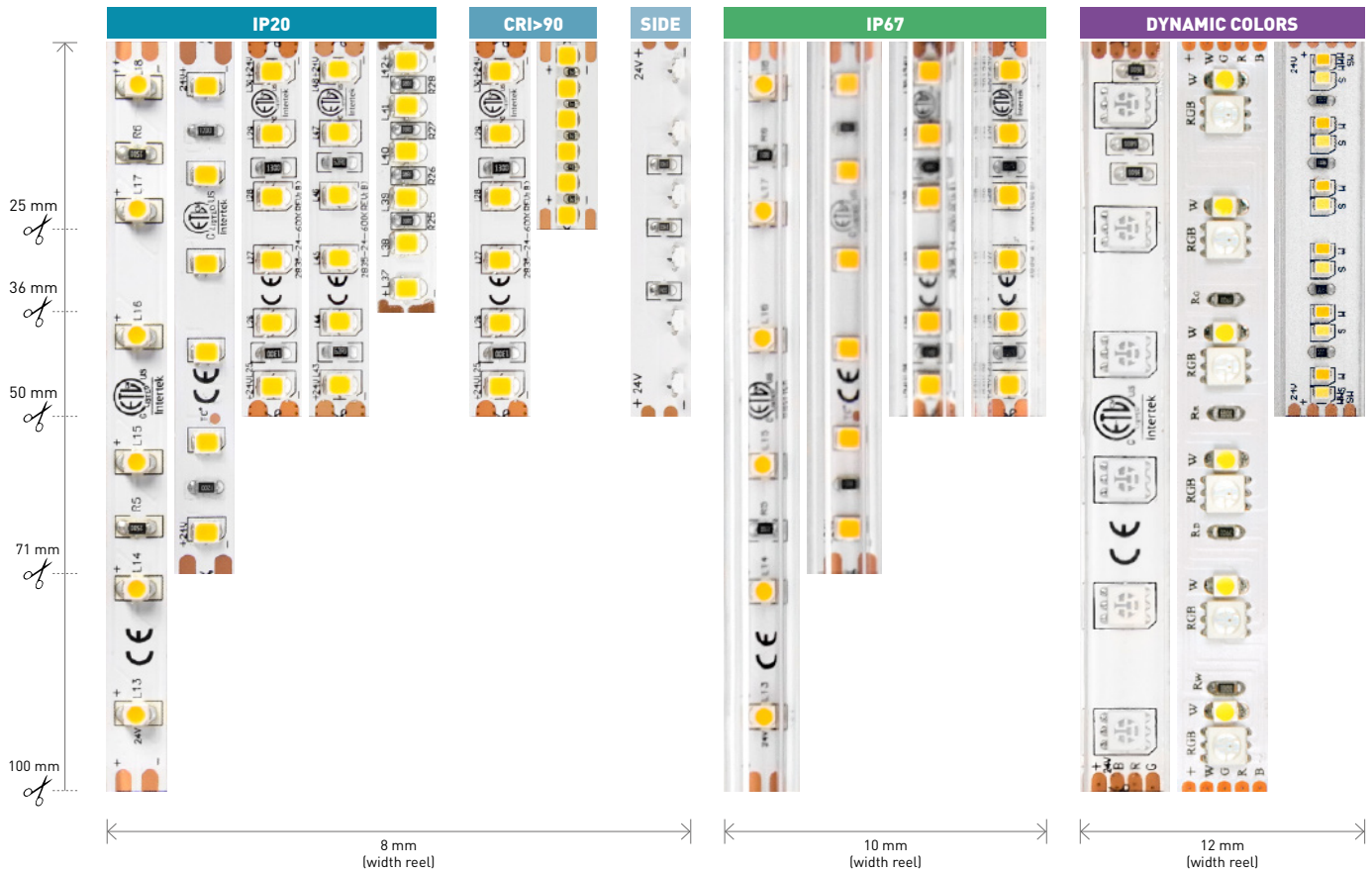
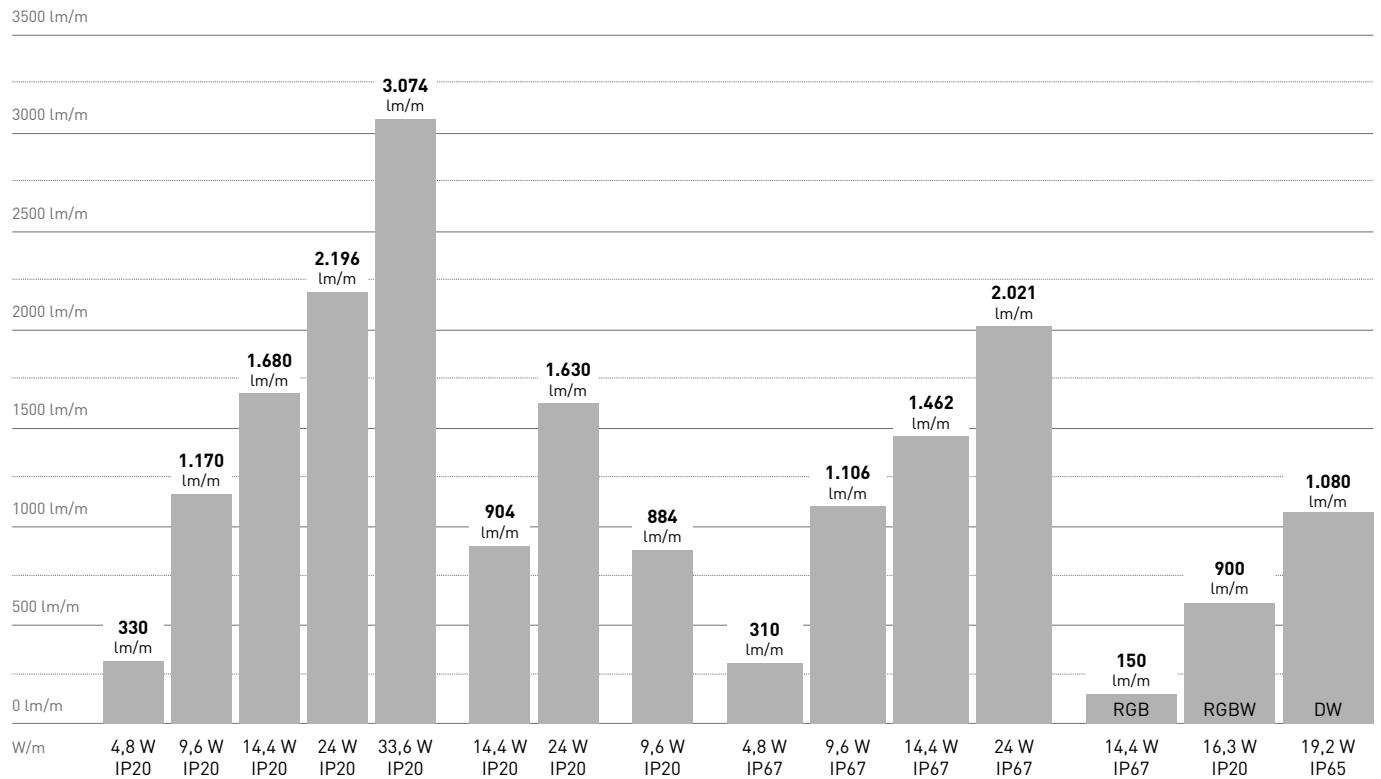
RGBW 16,3W/m (120 LEDs/m) IP20



DW 19,2W/m (240 LEDs/m) IP65



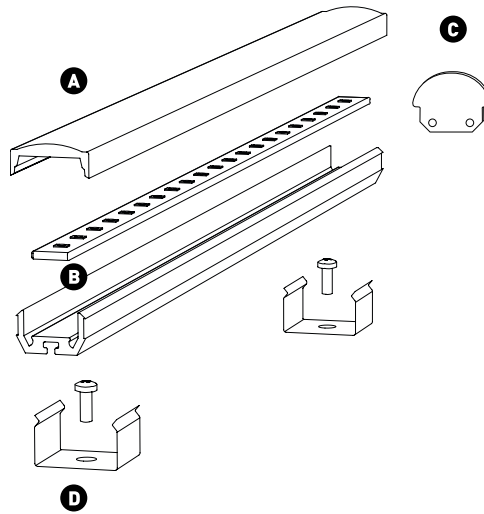
LINEAR FLEX® RANGE (lm/m) (6000K)
GAMA LINEAR FLEX® (lm/m) (6000K)



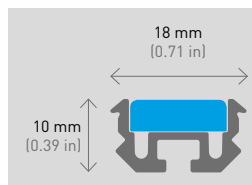
Full scale.
Escala real.

ACCESSORIES
ACCESORIOS

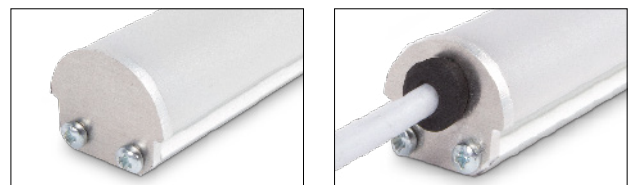
A Covers and lens
Cubiertas y lentes



B Aluminium profile
Perfil de aluminio



C End caps
Tapas finales



D Brackets
Soportes



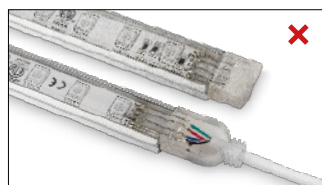
DETAILS
DETALLES

LED STRIP TABLE COMPATIBLE WITH END CAPS
TABLA DE TIRAS LED COMPATIBLES CON TAPAS FINALES

Monocolor IP20					CRI>90	
4,8W/m	9,6W/m	14,4W/m	24W/m	33,6W/m	14,4W/m	24W/m
✓	✓	✓	✓	✓	✓	✓
IP67				RGB	RGBW	DW
4,8W/m	9,6W/m	14,4W/m	24W/m	14,4W/m	16,3W/m	19,2W/m
✓	✓	✓	✓	✗	✗	✗

LED STRIP WITH 3M ADHESIVE TAPE OR THERMAL CONDUCTIVE
TIRAS LED CON CINTA ADHESIVA 3M O TERMOCONDUCTORA

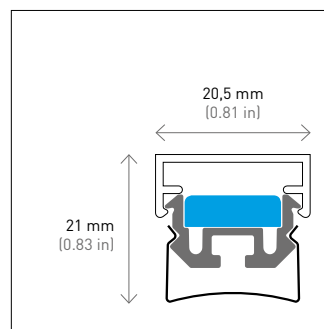
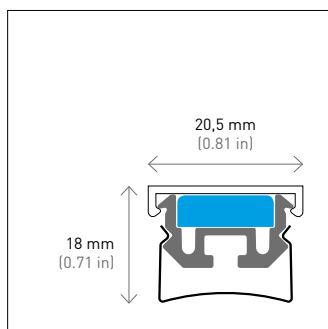
Monocolor IP20				CRI>90		Side
4,8W/m	9,6W/m	14,4W/m	24W/m	33,6W/m	14,4W/m	24W/m
3M	3M	3M	TC	TC	3M	TC
3M	3M	3M	TC	3M	3M	3M
IP67				RGB	RGBW	DW
4,8W/m	9,6W/m	14,4W/m	24W/m	14,4W/m	16,3W/m	19,2W/m
3M	3M	3M	TC	3M	3M	3M



3M adhesive tape
Cinta adhesiva 3M

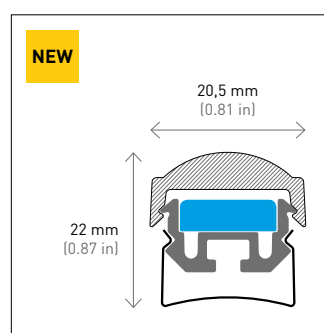
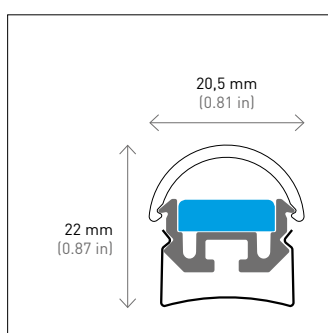
Thermal conductive tape
Cinta termoconductora

DETAILS
DETALLES



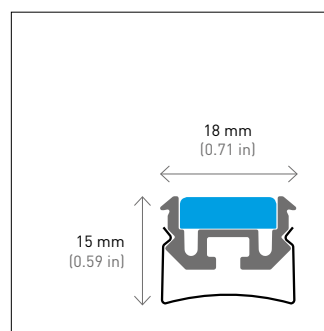
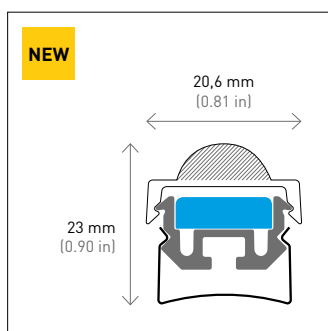
Al. Profile + Clip + Flat milky cover.
Perfil Al. + Clip + Cubierta plana opal.

Al. Profile + Clip + High milky cover.
Perfil Al. + Clip + Cubierta opal alta.



Al. Profile + Clip + Round clear cover.
Perfil Al. + Clip + Cubierta redonda transparente.

Al. Profile + Clip + 60° Lens.
Perfil Al. + Clip + Lente 60°.

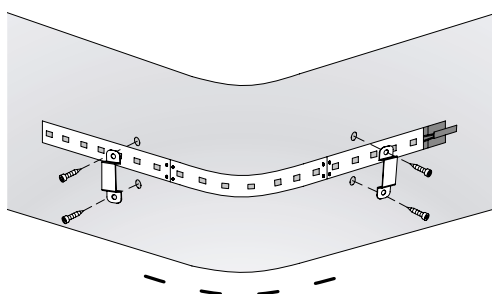


Al. Profile + Clip + 30° Lens.
Perfil Al. + Clip + Lente 30°.

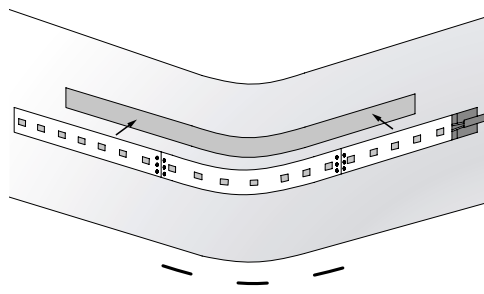
Al. Profile + Clip.
Perfil Al. + Clip.

Full scale drawings.
Planos a escala real.

INSTALLATION
INSTALACIÓN



Screws and clips installation
Instalación con clips y tornillos



Double-side adhesive tape installation
Instalación con cinta adhesiva de doble cara



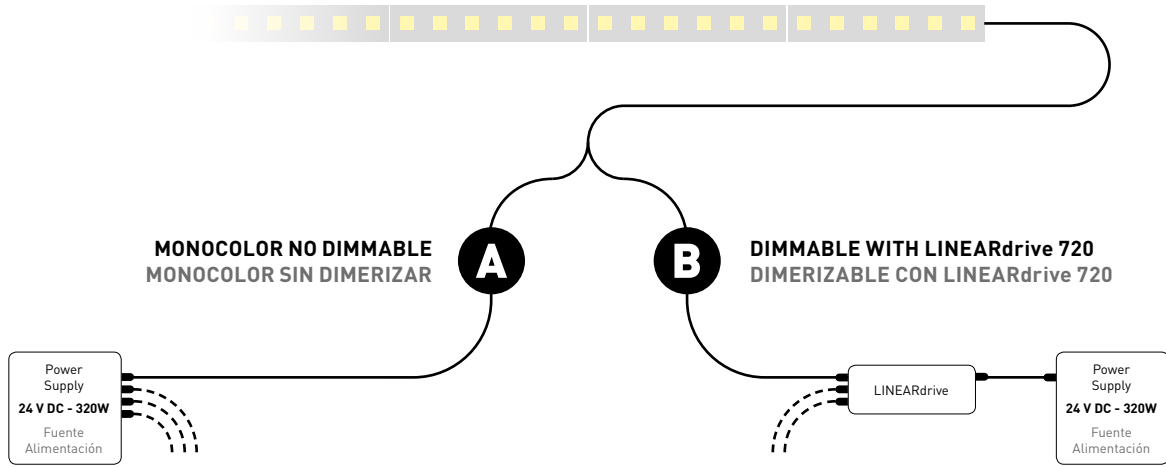
Minimum bending
radius 30 mm.

Radio mínimo
de curvatura 30 mm.



IP67
Temporarily
immersion
protection

MONOCOLOR CONNECTIONS
CONEXIONES MONOCOLOR



A

MONOCOLOR NO DIMMABLE
MONOCOLOR SIN DIMERIZAR

Below you see the maximum reels which can be connected in parallel to the 24 V DC - 320W power supply.
Maximum 5 m from the power supply to the first reel connection.

Ver tabla adjunta para número máximo de bobinas conectadas en paralelo a fuente de alimentación de 24 V DC - 320W.
Máximo 5 m desde la fuente de alimentación a la primera bobina.

B

DIMMABLE WITH LINEARdrive 720
DIMERIZABLE CON LINEARdrive 720

Below you see the maximum reels which can be connected in parallel to the LINEARdrive 720 (PSU 24 V DC - 320W).
Maximum 5 m from the power supply to the first reel connection.

Ver tabla adjunta para número máximo de bobinas conectadas en paralelo a LINEARdrive 720 (PSU 24 V DC - 320W).
Máximo 5 m desde la fuente de alimentación a la primera bobina.

MAXIMUM REELS CONNECTION TABLE
TABLA CON MÁXIMO DE BOBINAS CONECTADAS

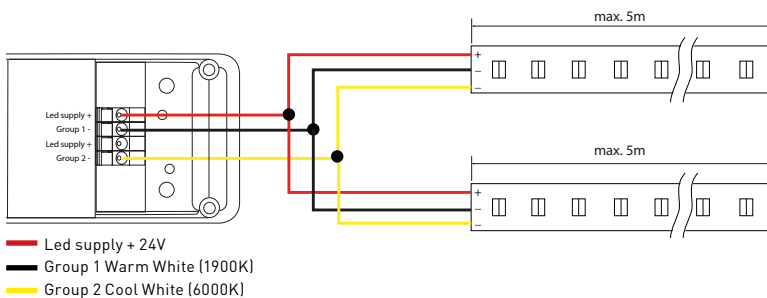
(with a 24 V DC - 320W power supply)
(con fuente de alimentación de 24 V DC - 320W)

Reel power	20W	39W	58W	81	96W
Reel length	5 m	5 m	5 m	3 m	5 m
Max. Nº Reels	16	8	5	3	3

Values calculated without considering voltage drop.
Datos calculados sin caída de tensión.

DYNAMIC WHITE CONNECTIONS
CONEXIONES BLANCO DINÁMICO

LINEARdrive 222D 200W 24V DC DMX (2 channels)
LINEARdrive 220D 200W 24V DC DALI (2 channels)



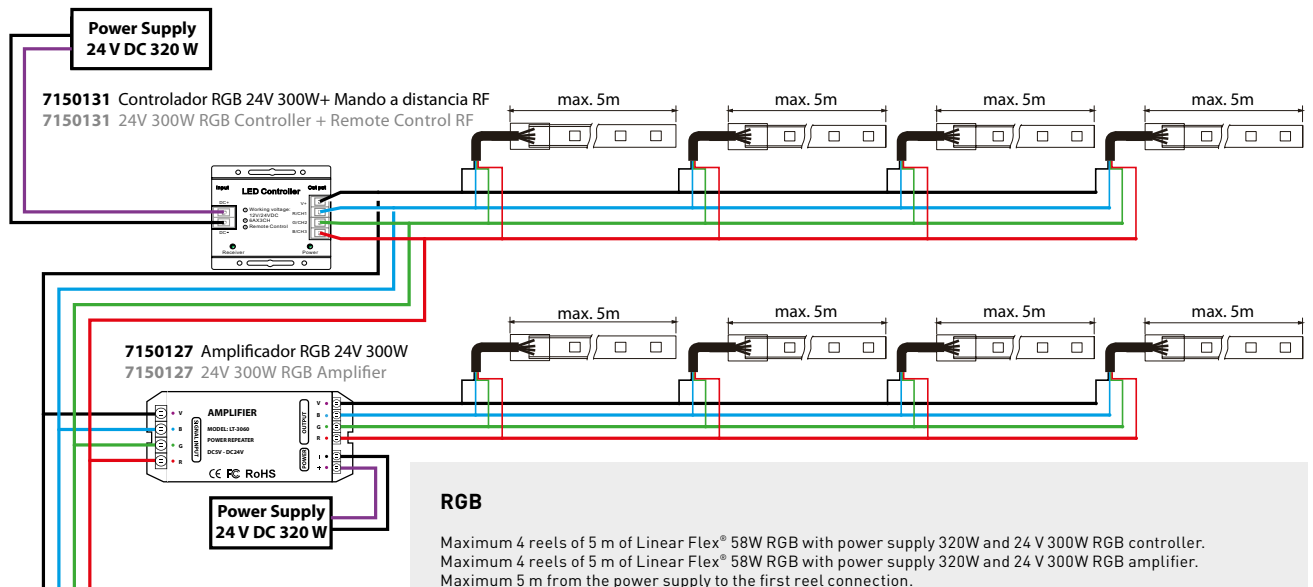
Dynamic White

Maximum 2 reels of 5 m of Linear Flex 77W DW with power supply 320W and LINEARdrive 222D/220D.
Maximum 5 m from the power supply to the first reel connection.

Máximo 2 bobinas de 5 m de Linear Flex 77W DW con fuente de alimentación de 320W y LINEARdrive 222D/220D.
Máximo 5 m desde la fuente de alimentación a la primera bobina.

RGB CONNECTIONS CONEXIONES RGB

24 V 300W Amplifier / 24 V 300W RGB Controller (RF remote control included)
Amplificador 24 V 300W / Controlador RGB 24 V 300W (Incluye control remoto RF)

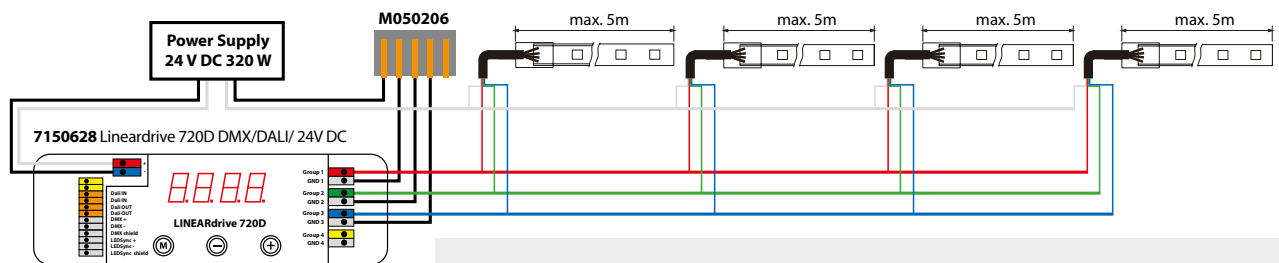


RGB

Maximum 4 reels of 5 m of Linear Flex® 58W RGB with power supply 320W and 24 V 300W RGB controller.
Maximum 4 reels of 5 m of Linear Flex® 58W RGB with power supply 320W and 24 V 300W RGB amplifier.
Maximum 5 m from the power supply to the first reel connection.

Máx. 4 bobinas de 5 m de Linear Flex® 58W RGB con fuente de alimentación de 320W y controlador RGB 24 V 300W.
Máximo 4 bobinas de 5 m de Linear Flex® 58W RGB con fuente de alimentación de 320W y amplificador 24 V 300W.
Máximo 5 m desde la fuente de alimentación a la primera bobina.

LINEARdrive 720D DMX/DALI 24 V DC



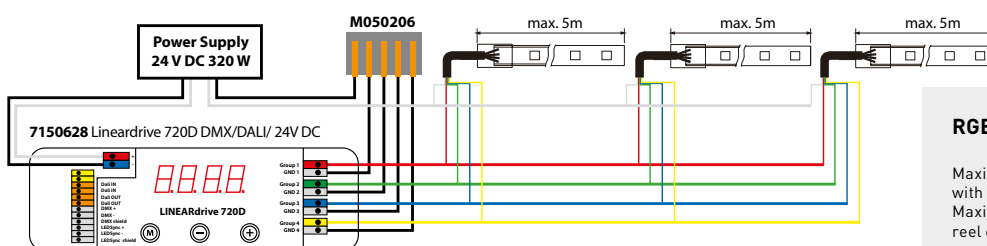
RGB

Maximum 4 reels of 5 m of Linear Flex 58W RGB with power supply 320W and LINEARdrive 720D.
Maximum 5 m from the power supply to the first reel connection.

Máximo 4 bobinas de 5 m de Linear Flex 58W RGB con fuente de alimentación de 320W y LINEARdrive 720D.
Máximo 5 m desde la fuente de alimentación a la primera bobina.

RGBW CONNECTIONS CONEXIONES RGBW

LINEARdrive 720D DMX/DALI 24 V DC



RGBW

Maximum 3 reels of 5 m of Linear Flex 66W RGBW with power supply 320W and LINEARdrive 720D.
Maximum 5 m from the power supply to the first reel connection.

Máximo 3 bobinas de 5 m de Linear Flex 66W RGBW con fuente de alimentación de 320W y LINEARdrive 720D.
Máximo 5 m desde la fuente de alimentación a la primera bobina.

REFERENCES REFERENCIAS

Linear Flex® Monocolor IP20	4,8W/m	20W/5m	IP20	2700K	7260000/80/2K7
				3000K	7260000/80/3K
				4000K	7260000/80/4K
				6000K	7260000/80/6K
	9,6W/m	39W/5m	IP20	2700K	7260010/80/2K7
				3000K	7260010/80/3K
				4000K	7260010/80//4K
				6000K	7260010/80/6K
	14,4W/m	58W/5m	IP20	2700K	7260020/80/2K7
				3000K	7260020/80/3K
				4000K	7260020/80//4K
				6000K	7260020/80/6K
24W/m	96W/5m	IP20	2700K	7260030/80/2K7	
			3000K	7260030/80/3K	
			4000K	7260030/80/4K	
			6000K	7260030/80/6K	
33,6W/m	81W/3m	IP20	2700K	7260040/80/2K7	
			3000K	7260040/80/3K	
			4000K	7260040/80/4K	
			6000K	7260040/80/6K	

Linear Flex® Monocolor CRI>90	14,4W/m	58W/5m	IP20	2700K	7260020/90/2K7
				3000K	7260020/90/3K
				4000K	7260020/90/4K
				2700K	7260030/90/2K7
24W/m	96W/5m	IP20	3000K	7260030/90/3K	
			4000K	7260030/90/4K	

Linear Flex® Monocolor SIDE VIEW	9,6W/m	38,4W/5m	IP20	2700K	7261020/80/2K7
				3000K	7261020/80/3K
				4000K	7261020/80/4K

Linear Flex® Monocolor IP67	4,8W/m	20W/5m	IP67	2700K	7260003/80/2K7
				3000K	7260003/80/3K
				4000K	7260003/80/4K
				6000K	7260003/80/6K
	9,6W/m	39W/5m	IP67	2700K	7260013/80/2K7
				3000K	7260013/80/3K
				4000K	7260013/80/4K
				6000K	7260013/80/6K
	14,4W/m	58W/5m	IP67	2700K	7260023/80/2K7
				3000K	7260023/80/3K
				4000K	7260023/80/4K
				6000K	7260023/80/6K
24W/m	96W/5m	IP67	2700K	7260033/80/2K7	
			3000K	7260033/80/3K	
			4000K	7260033/80/4K	
			6000K	7260033/80/6K	

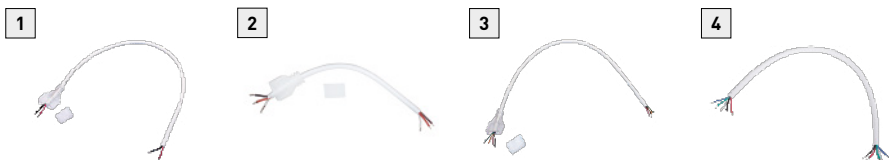
Linear Flex® RGB	14,4W/m	58W/5m	IP67	-	7260203/11
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Linear Flex® RGBW	16,32W/m	66W/5m	IP20	-	7260220/11-6K
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Linear Flex® DW	19,2W/m	77W/5m	IP65	1900K-6000K	7260222/1K9-6K
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Due to tolerances of the production process the total lengths could change slightly. Debido a las tolerancias del proceso de producción las longitudes totales pueden cambiar ligeramente.

CONNECTIONS REFERENCES REFERENCIAS CONEXIONES



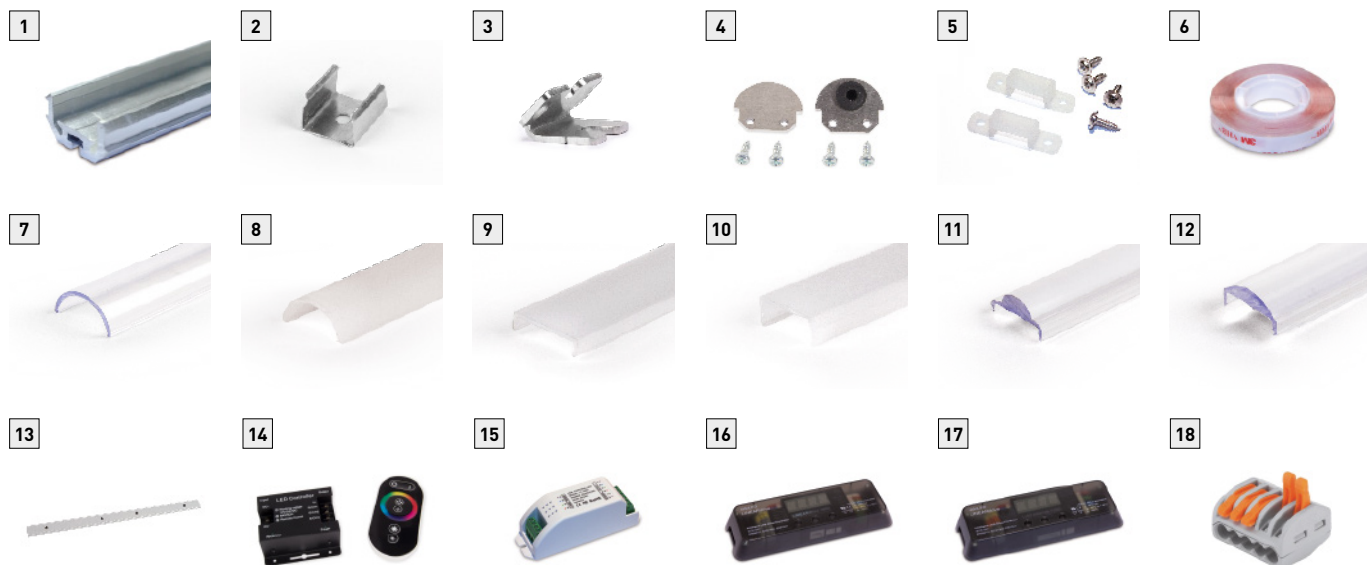
For Monocolor		Para Monocolor	
M050338	Kit 30 cm wire + End caps + glue	Kit cable alimentación 30 cm + tapas + pegamento	1
M050350	Kit 30 cm wire + End caps + glue	Kit cable alimentación 30 cm + tapas + pegamento	1
For RGB		Para RGB	
M050339	Kit 30 cm wire + End caps + glue	Kit cable alimentación 30 cm + tapas + pegamento	3
For RGBW		Para RGBW	
M050378	30 cm wire	Cable alimentación 30 cm	4
For Dynamic White		Para Blanco Dinámico	
M050374	Kit 30 cm wire + End caps + glue	Kit cable alimentación 30 cm + tapas + pegamento	2

COMPATIBLE CONNECTORS TABLE TABLA DE CONECTORES COMPATIBLES

Linear Flex®	Type	IP	Width	POWER WIRE
7260000/80/..	4,8W/m	IP20	8 mm	M050338
7260010/80/..	9,6W/m	IP20	8 mm	M050338
7260020/80/..	14,4W/m	IP20	8 mm	M050338
7260030/80/..	24W/m	IP20	8 mm	M050338
7260040/80/..	33,6W/m	IP20	8 mm	M050338
7260020/90/..	14,4W/m CRI>90	IP20	8 mm	M050338
7260030/90/..	24W/m CRI>90	IP20	8 mm	M050338
7261020/80/..	9,6W/m Side View	IP20	8 mm	M050338

Linear Flex®	Type	IP	Width	POWER WIRE
7260003/80/..	4,8W/m	IP67	10 mm	M050350
7260013/80/..	9,6W/m	IP67	10 mm	M050350
7260023/80/..	14,4W/m	IP67	10 mm	M050350
7260033/80/..	24W/m	IP67	10 mm	M050350
7260203/11	14,4W/m RGB	IP67	12 mm	M050339
7260220/11-6K	16,32W/m RGBW	IP20	12 mm	M050378
7260222/1K9-6K	19,2W/m DW	IP65	12 mm	M050374


ACCESSORIES REFERENCES
REFERENCIAS ACCESORIOS



8010400/C12	Aluminium profile for lens	Perfil aluminio para lente	1
M050328	Thermal conductive tape (25m)	Cinta termoconductora (25m)	
M170023	Mounting inox clips for aluminium profile	Clips inox de sujeción para perfil aluminio	2
M170040	Bracket 15°	Soporte 15°	
M170041	Bracket 30°	Soporte 30°	
M170028	Bracket 45°	Soporte 45°	3
7259100/C12	*2 end cap kit for round diffuser & lens (30°/60°)	*Kit 2 tapas finales para lentes (30°/60°) y para difusor circular	4
M130367/C01	Round clear cover for aluminium profile	Difusor circular transparente para perfil aluminio	7
M130367/C02	Round milky diffuser for aluminium profile	Difusor circular opal para perfil aluminio	8
M130342/C01	30° clear lens for aluminium profile	Lente transparente 30° para perfil aluminio	11
M130343/C01	60° clear lens for aluminium profile	Lente transparente 60° para perfil aluminio	12
7259101/C12	*2 end cap kit for flat diffuser	*Kit 2 tapas finales para difusor plano	
M130368/C01	Flat clear cover for aluminium profile	Difusor plano transparente para perfil aluminio	
M130368/C02	Flat milky diffuser for aluminium profile	Difusor plano opal para perfil aluminio	9
7259102/C12	*2 end cap kit for high diffuser	*Kit 2 tapas finales para difusor alto	
M130369/C01	High clear diffuser for aluminium profile	Difusor alto y transparente para perfil aluminio	
M130369/C02	High milky diffuser for aluminium profile	Difusor alto y opal para perfil aluminio	10
7259110/C12	Mechanical junction between aluminium profiles	Unión mecánica entre perfiles de aluminio	13
M050337	Mounting clips 12 mm 10 u.	Clips sujeción 12 mm 10 u.	5
M050336	3M adhesive tape 3 m	Cinta adhesiva 3M 3 m	6
7150131	24V 300W RGB controller + Remote control RF	Controlador RGB 24V 300W + Mando a distancia RF	14
7150127	24V 300W RGB amplifier	Amplificador RGB 24V 300W	15
7150129	24V 300W RGBW controller + Remote control RF	Controlador RGBW 24V 300W + Mando a distancia RF	
7150132	24V 300W RGBW amplifier	Amplificador RGBW 24V 300W	
7150627	LINEARdrive 180D DMX	LINEARdrive 180D DMX	16
7150628	LINEARdrive 720D DMX/DALI	LINEARdrive 720D DMX/DALI	17
M050206	WAGO connector 5 wires entry	Conector WAGO 5 vías	18

* See page 242
* Ver página 242

Power supply see page 328
Fuentes alimentación ver página 328

 To control the luminaires via Bluetooth see page 326 (Multi4 device)
Para controlar las luminarias vía Bluetooth consultar página 326 (dispositivo Multi4)

Mapfre Medical Center,
Independencia, Perú



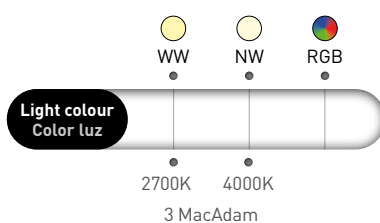


MUNDO COVE®



MUNDO COVE®

- Homogenous cove lighting
- Adjustable luminaire up to 140°
- Serial connection up to 70 Mundo Cove®
- Easy installation and connection (Plug&Play)
- Iluminación homogénea para foseados
- Luminaria orientable hasta 140°
- Conexión en serie hasta 70 Mundo Cove®
- Fácil instalación y conexión (Plug&Play)



SPECIFICATIONS
CARACTERÍSTICAS


IP20

CRI>80

ABS
BodyPC
Cover
 Ta
min -20°C
-4°F
Ta
max +50°C
+122°F


Mundo Cove®			
Power	6W		
Nº LEDs	12 LEDs		
Measures	295 x 36,5 x 35 mm		
Voltage	220 V AC		24 V DC
Protection class	II		III
Weight	240 gr		165 gr
Control type	Trailing – Edge		DMX 512-A
Color temperatures	2700K	4000K	RGB
Lumens output	320 lm	387 lm	136 lm
Luminaire efficiency	53 lm/W	65 lm/W	23 lm/W

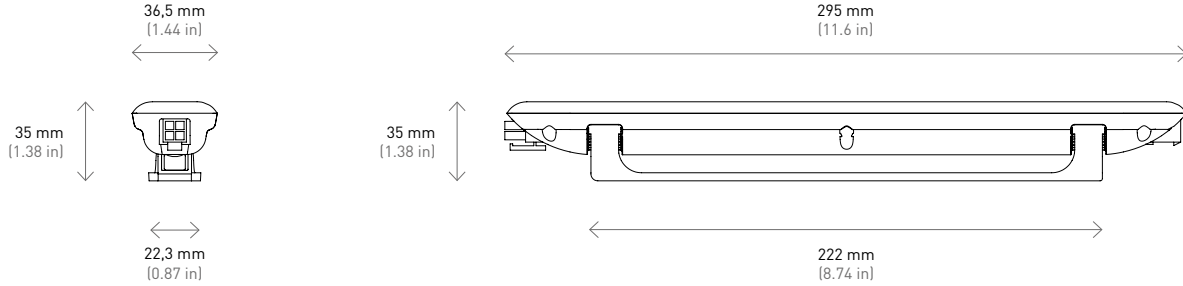


Color temperature conform to **ANSI C78.377A**.
 Lumens measurement conform to **LM-79-08**.
 Lumens maintenance conform to **LM-80-08**.

Temperatura de color según normativa **ANSI C78.377A**.
 Medición lumens según normativa **LM-79-08**.
 Mantenimiento lumens según normativa **LM-80-08**.

Private Residential,
Barcelona, Spain

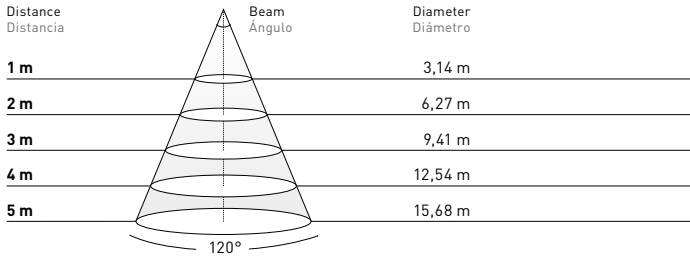
MEASURES MEDIDAS



LIGHT DISTRIBUTION CURVES FOTOMETRÍAS

Mundo Cove® 6W

12 LEDs 120°



2700K

WARM WHITE
BLANCO CÁLIDO

28 lux

7 lux

3 lux

2 lux

1 lux

4000K

NEUTRAL WHITE
BLANCO NEUTRO

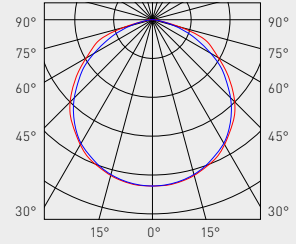
33 lux

8 lux

4 lux

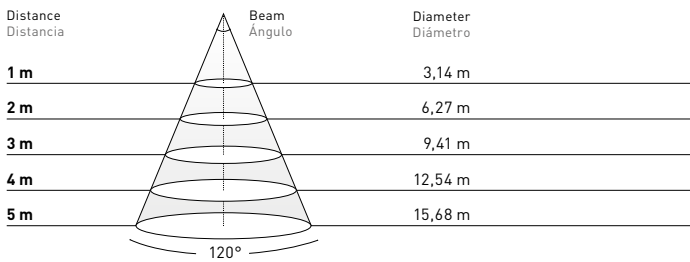
2 lux

1 lux



Mundo Cove® 6W RGB

12 LEDs 120°



RGB

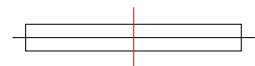
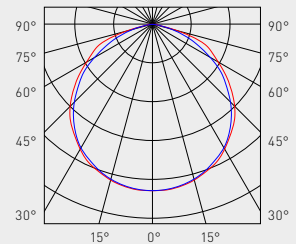
12 lux

3 lux

1 lux

1 lux

0 lux



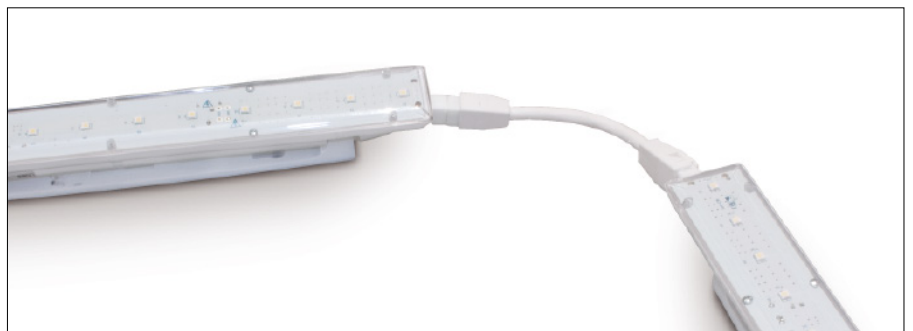
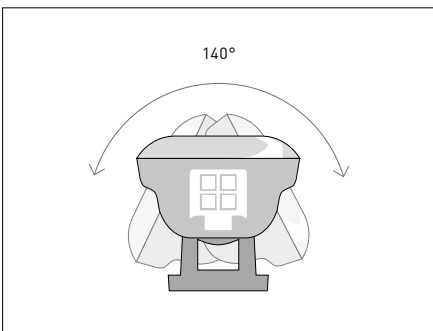
Lumen measurement complies with **UNE-EN 13032 / IES LM-79-08** testing procedures.
Light distribution curves are available at www.grupo-mci.com.
Due to continuous improvements and innovations, specifications may change without notice.

Ensayado bajo las especificaciones de la norma **UNE-EN 13032 / IES LM-79-08**.
Fotometrías disponibles en www.grupo-mci.com.
Debido a las continuas mejoras e innovaciones, las especificaciones pueden cambiar sin previo aviso.

DETAILS
DETALLES



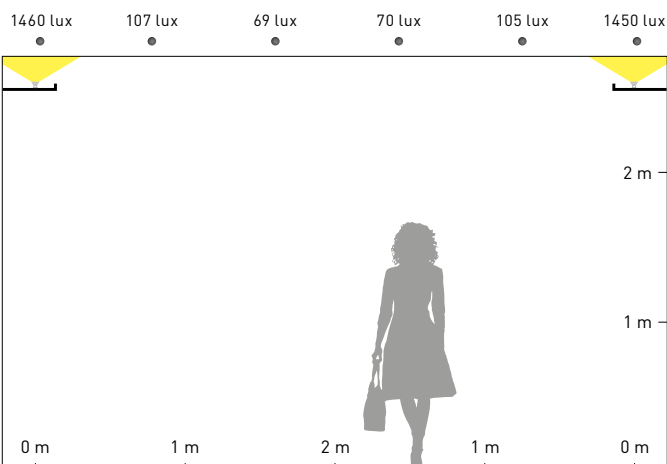
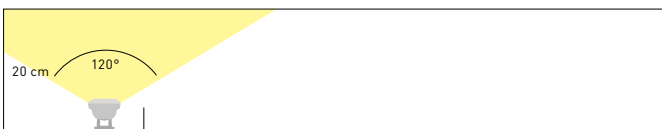
Mundo Cove® offers male-female connectors which can simply be plugged in.
Mundo Cove® con conectores macho-hembra para una conexión fácil y rápida.



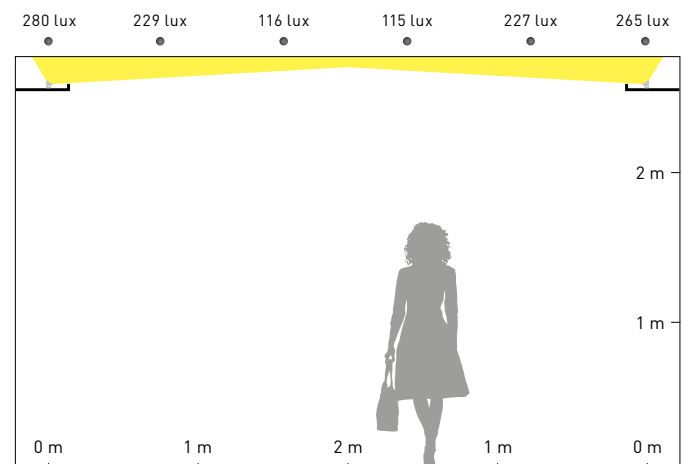
Mundo Cove® mounted on a rotative base allows convenient orientation.
Mundo Cove® está montado sobre una base rotativa que permite orientar el producto.

Extension cable to join Mundo Cove®.
Cable de extensión para unir varios Mundo Cove®.

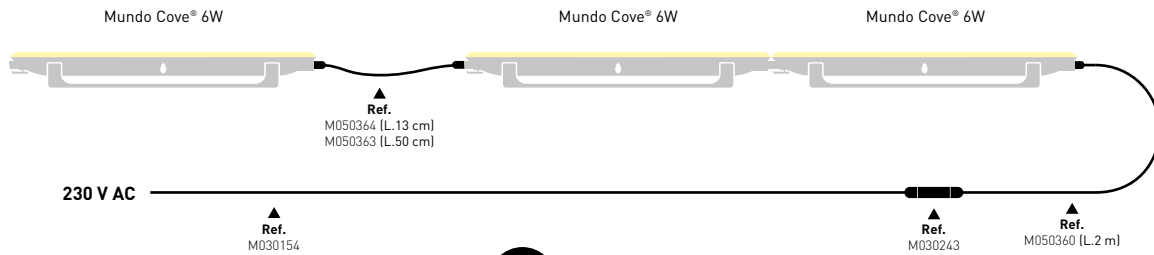
Simulation of the reflection of Mundo Cove® at 90° towards the ceiling.
Simulación de la reflexión de Mundo Cove® a 90° hacia el techo.



Simulation of the reflection of Mundo Cove® with rotation towards the ceiling.
Simulación de la reflexión del Mundo Cove® con rotación hacia el techo.

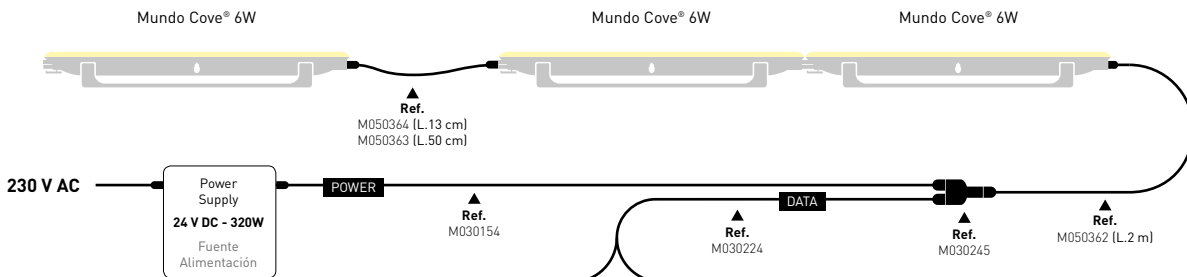


MONOCOLOR CONNECTIONS
CONEXIONES MONOCOLOR



Maximum 70 Mundo Cove® per line.
 Máximo 70 Mundo Cove® por línea.

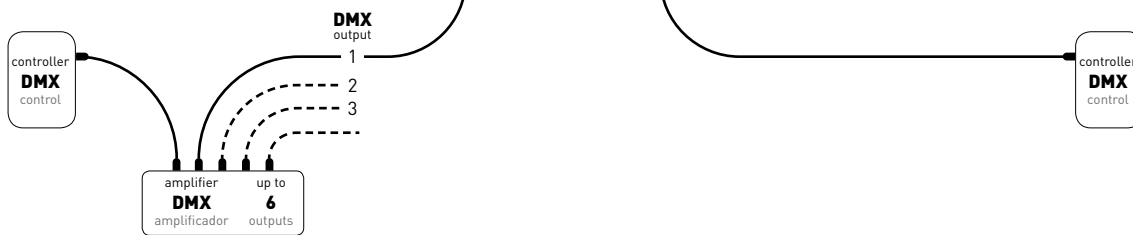
RGB CONNECTIONS
CONEXIONES RGB



MORE THAN 15 MUNDO COVE® WITH DMX.
PARA MÁS DE 15 MUNDO COVE® CON DMX.



UP TO 15 MUNDO COVE® WITH DMX.
HASTA 15 MUNDO COVE® CON DMX.



MORE THAN 15 MUNDO COVE WITH DMX 512-A.
PARA MÁS DE 15 MUNDO COVE CON DMX 512-A.

Maximum 15 Mundo Cove® per DMX output.
 Maximum 100 m from controller to the amplifier.
 Maximum 100 m from amplifier to last Mundo Cove®.

Máximo 15 Mundo Cove® por salida DMX.
 Máximo 100 m del controlador al amplificador.
 Máximo 100 m del amplificador al último Mundo Cove®.



UP TO 15 MUNDO COVE WITH DMX 512-A.
HASTA 15 MUNDO COVE CON DMX 512-A.

Maximum 15 Mundo Cove® per DMX controller with PSU 24 V DC 320W.
 Maximum 100 m from controller to last Mundo Cove®.

Máximo 15 Mundo Cove® por controlador DMX con fuente de alimentación de 24 V DC - 320W.
 Máximo 100 m del controlador al último Mundo Cove®.

REFERENCES
REFERENCIAS

710300 **1** **/80/2K7**

COLOR COLOR

/80/2K7 2700K
/80/4K 4000K
/11 RGB

VOLTAGE VOLTAJE

1 230 V (WW / NW)
2 24 V (RGB)

ACCESSORIES REFERENCES
REFERENCIAS ACCESORIOS

1



2



3



4



5



M050360	Monocolor 2 m power cable	Cable alimentación 2 m Monocolor	1
M050362	RGB 2 m power cable	Cable alimentación 2 m RGB	2
M050364	Monocolor/RGB 13 cm extension cable	Cable extensión 13 cm RGB/Monocolor	
M050363	Monocolor/RGB 50 cm extension cable	Cable extensión 50 cm RGB/Monocolor	3
	For installation.	Para instalación.	
M030243	IP68 "I" connection Ø6-13,5mm Tee Tube (3 poles)	Conexión "I" Ø6-13,5mm IP68 Tee Tube (3 polos)	4
M030245	IP68 "Y" connection Ø6-17mm Tee Tube (5 poles)	Conexión "Y" Ø6-17mm IP68 Tee Tube (5 polos)	5
M030154	3 x 1,5 mm ² H07RN-F cable (m)	Cable 3 x 1,5 mm ² H07RN-F (m)	
M030224	BELDEN 3105A cable (m)	Cable BELDEN 3105A (m)	

Ferrera restaurant,
Valencia, Spain





SMOOTH® 85

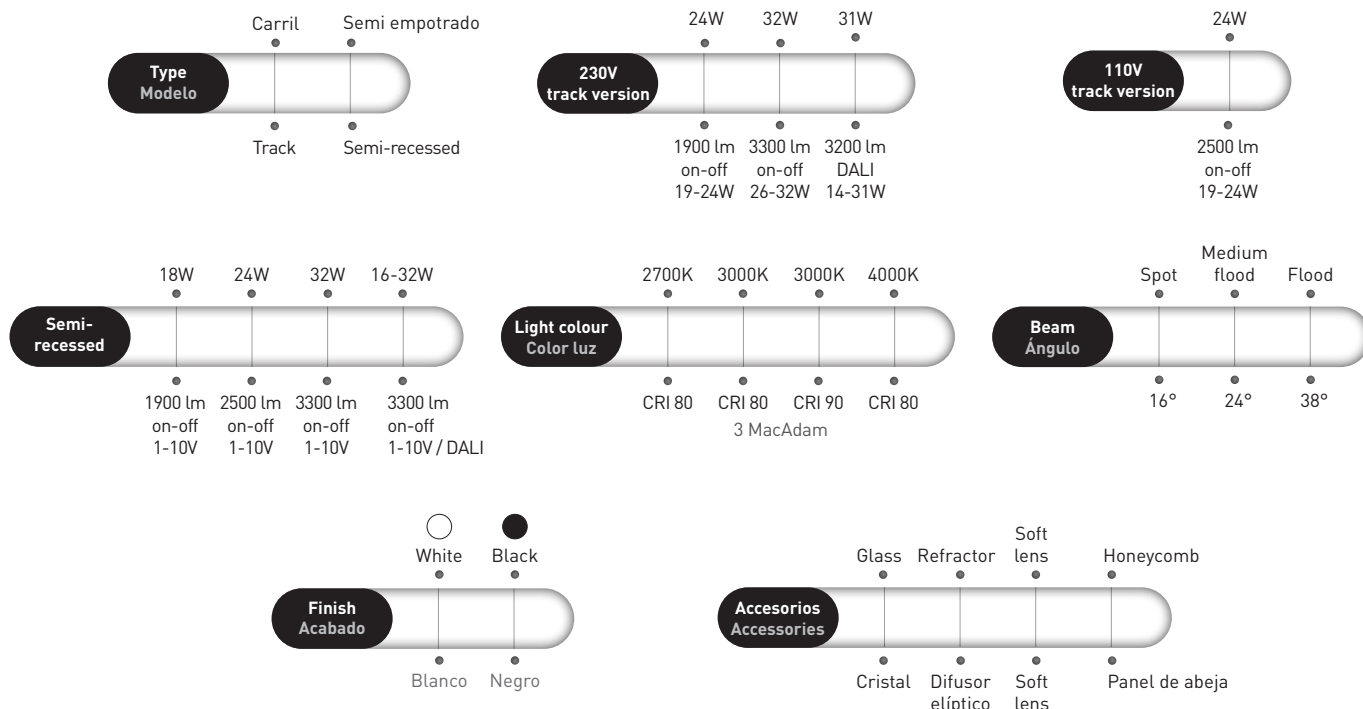


SMOOTH® 85

- Track and semi-recessed types
- 230V and 110V versions
- Control Type: On-off, DALI and 1-10V
- 3 beam angles: 16°, 24 and 38°
- Lumens output: from 1900lm to 3300lm
- Spotlight efficiency: 105 lm/W
- Integrated multi-power driver inside track adapter
- Spotlight with glass included for easy maintenance
- Passive heat sink
- Smooth design without screws and slots
- Accessories: honeycomb, refractor and soft lens



- Modelos para carril y semi empotrados
- Versiones a 230V y 110V
- Tipo de Control: On-off, DALI y 1-10V
- 3 ángulos de apertura: 16°, 24 y 38°
- Flujo luminoso: de 1900lm hasta 3300lm
- Eficiencia del proyector: 105 lm/W
- Driver multi-potencia integrado en el adaptador a carril
- Proyector con cristal incluido para facilitar el mantenimiento
- Disipador de calor pasivo
- Diseño compacto, sin tornillos y ranuras
- Accesorios: panel de abeja, difusor elíptico, soft lens



The standard track and semi-recessed version is delivered with glass.
La versión estándar del proyector a carril y semi empotrado se suministra con cristal.

The standard semi-recessed version is delivered without driver.
La versión estándar del proyector semi empotrado se suministra sin driver.

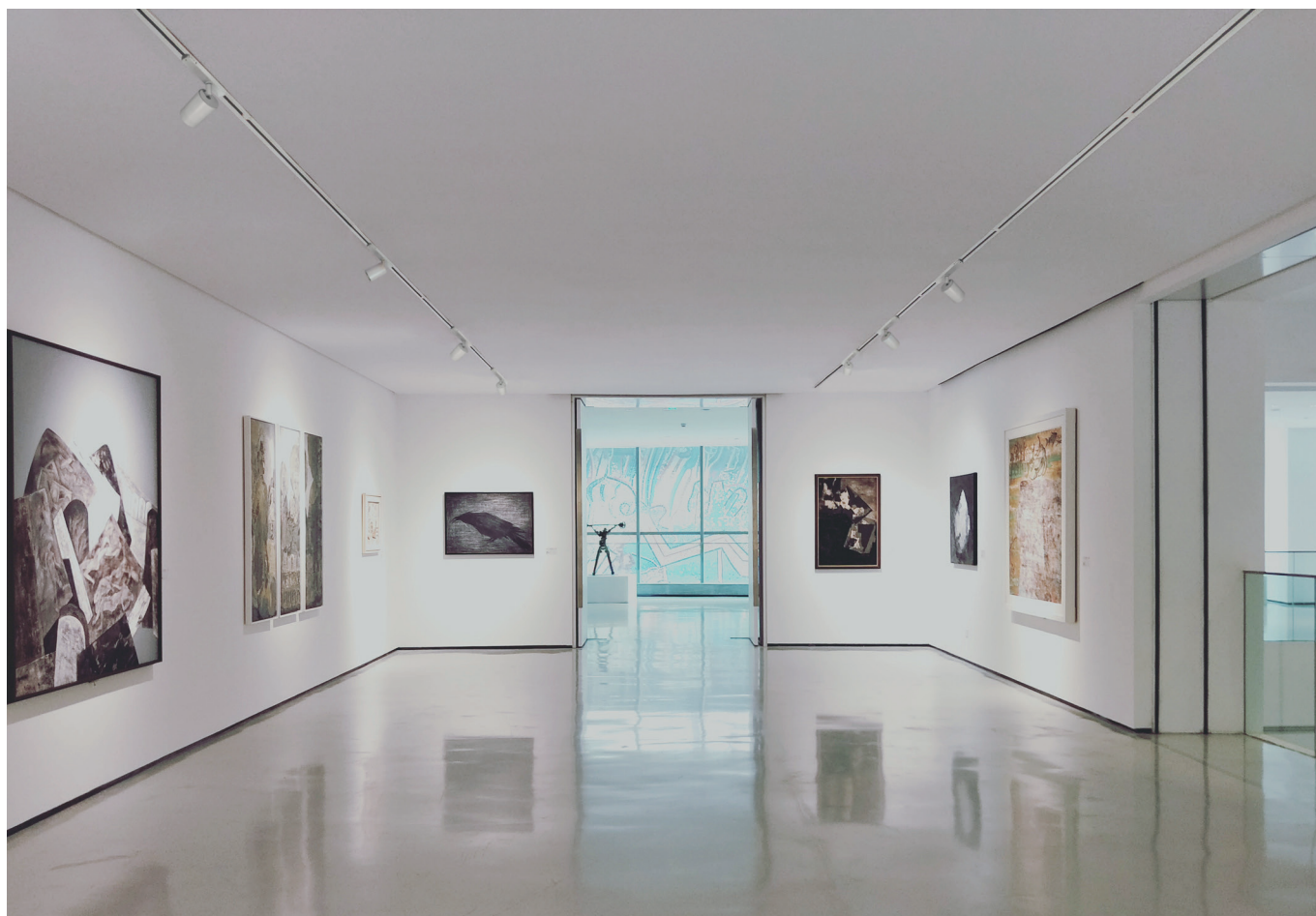
The accessories (refractor, soft lens and honeycomb) must be ordered together with the luminaire and it is not compatible with the glass.
Los accesorios (difusor elíptico, soft lens y el panel de abeja) debe pedirse junto con la luminaria y no es compatible con el cristal.

SPECIFICATIONS
CARACTERÍSTICAS

IP20	230V AC	110V AC	 Track spotlight	Driver Included Track spotlight	 Semi- recessed	Driver not Included Semi- recessed	on/off DALI 1-10V	AL Housing	Glass included	Ta min -30°C -22°F Ta max +40°C +104°F	
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Smooth® 85 (32W)				
Measures	Ø85 x 152 x 225 mm			
Weight	0,6 kg			
32W (850mA)				
Color temperatures	2700K - CRI 80	3000K - CRI 80	3000K - CRI 90	4000K - CRI 80
Lumens output	16° - 3110 lm 24° - 3064 lm 38° - 3058 lm	16° - 3240 lm 24° - 3192 lm 38° - 3158 lm	16° - 2300 lm 24° - 2266 lm 38° - 2261 lm	16° - 3370 lm 24° - 3320 lm 38° - 3312 lm
Luminaire efficiency	95 to 97 lm/W	98 to 101 lm/W	70 to 72 lm/W	103 to 105 lm/W

Smooth® 85 (24W)				
Measures	Ø85 x 152 x 162 mm			
Weight	0,6 kg			
24W (650mA)				
Color temperatures	2700K - CRI 80	3000K - CRI 80	3000K - CRI 90	4000K - CRI 80
Lumens output	16° - 2510 lm 24° - 2472 lm 38° - 2464 lm	16° - 2614 lm 24° - 2575 lm 38° - 2567 lm	16° - 1900 lm 24° - 1854 lm 38° - 1848 lm	16° - 2719 lm 24° - 2678 lm 38° - 2670 lm
Luminaire efficiency	102 to 105 lm/W	107 to 109 lm/W	77 to 79 lm/W	111 to 113 lm/W



Color temperature conform to **ANSI C78.377A**.
Lumens measurement conform to **LM-79-08**.
Lumens maintenance conform to **LM-80-08**.

Temperatura de color según normativa **ANSI C78.377A**.
Medición lumens según normativa **LM-79-08**.
Mantenimiento lumens según normativa **LM-80-08**.

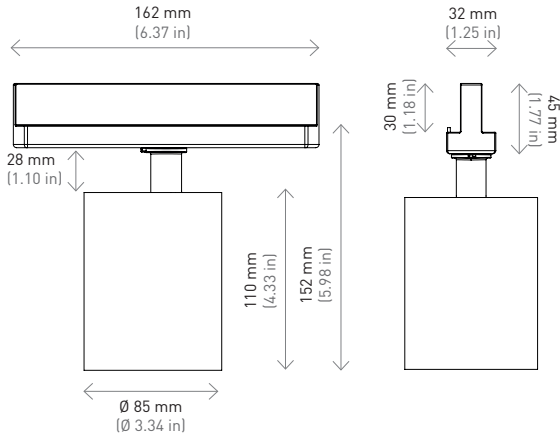
MEASURES MEDIDAS

SMOOTH® TRACK SPOTLIGHT

Smooth® 19-24W (On-Off)

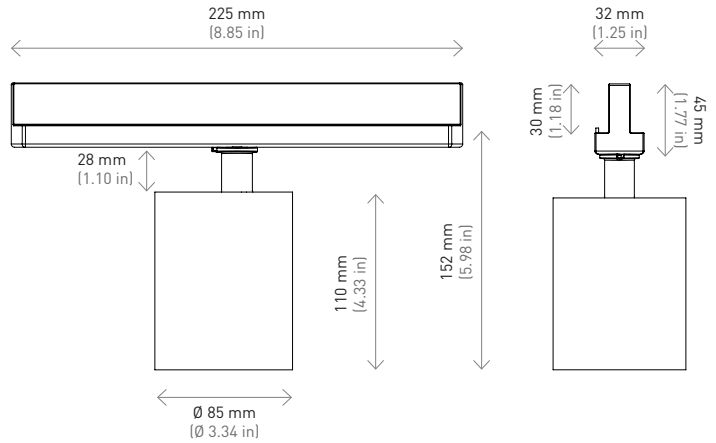
220-240V AC

110-120V AC



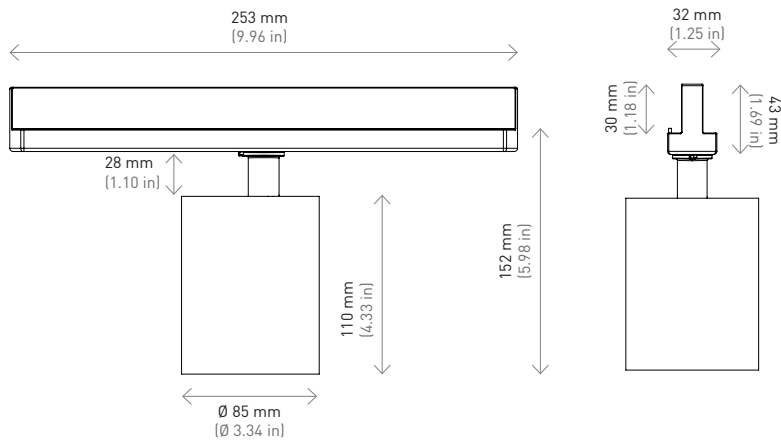
Smooth® 26-32W (On-Off)

220-240V AC



Smooth® 14-31W (DALI)

220-240V AC

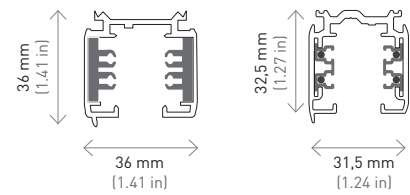


On-Off Track (3-phase)

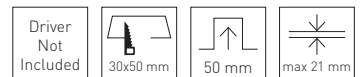
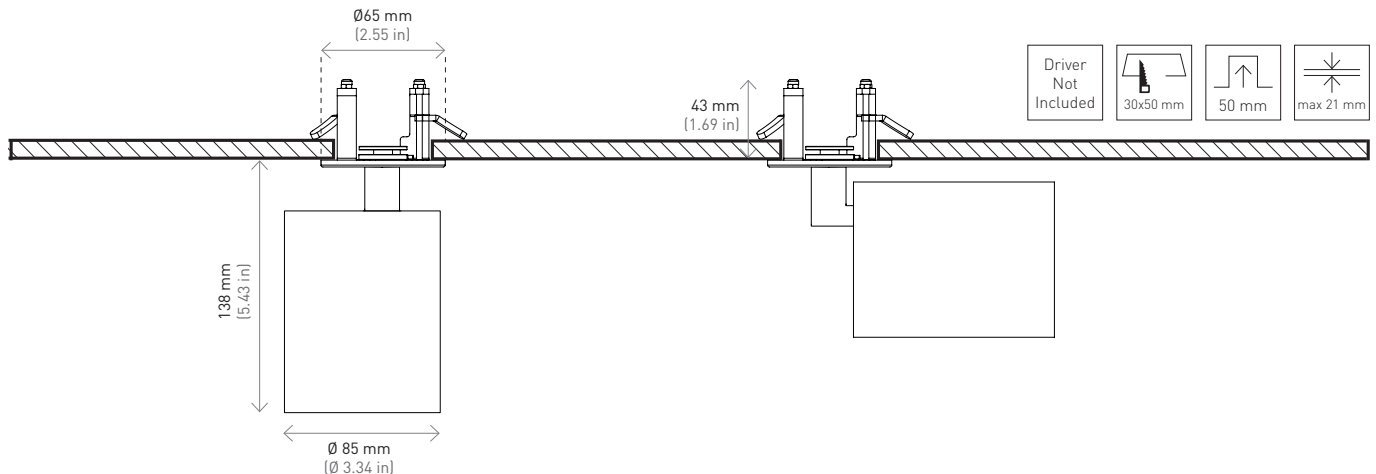
On-Off Carril (3 fases)

DALI Track

Carril DALI



SMOOTH® SEMI-RECESSED



FINISHES ACABADOS

In order to satisfy all our customers, two different finishes are available: white and black.
Con el fin de satisfacer las necesidades de nuestros clientes, está disponible en dos acabados: blanco y negro.



White.
Blanco.

(RAL 9003)



Black.
Negro.

(RAL 9005)

ROTATION ROTACIÓN



DETAILS DETALLES



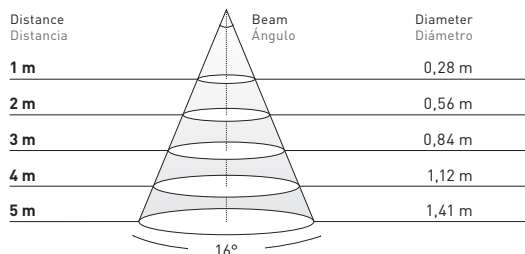
Smooth semi-recessed. Design without screws and slots.
Smooth semi empotrado. Diseño compacto, sin tornillos y ranuras.



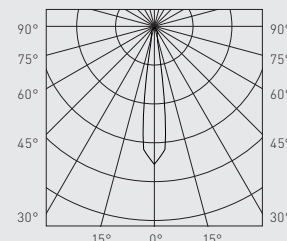
Passive heat sink.
Disipador de calor pasivo.

LIGHT DISTRIBUTION CURVES FOTOMETRÍAS

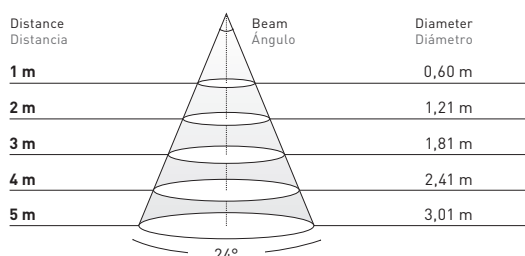
Smooth® 85

32W
16°


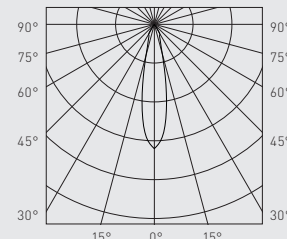
2700K	3000K	3000K	4000K
CRI 80	CRI 80	CRI 90	CRI 80
21787 lux	22695 lux	16113 lux	23603 lux
5447 lux	5674 lux	4029 lux	5901 lux
2421 lux	2522 lux	1791 lux	2623 lux
1361 lux	1418 lux	1007 lux	1475 lux
872 lux	908 lux	645 lux	944 lux



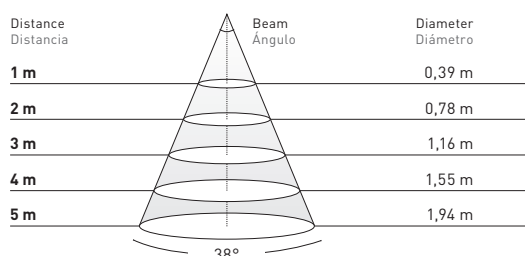
Smooth® 85

32W
24°


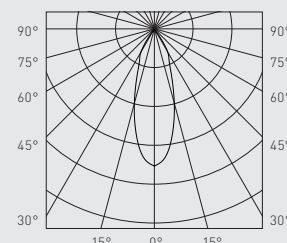
2700K	3000K	3000K	4000K
CRI 80	CRI 80	CRI 90	CRI 80
12322 lux	12835 lux	9113 lux	13348 lux
3081 lux	3209 lux	2278 lux	3337 lux
1369 lux	1426 lux	1012 lux	1483 lux
770 lux	802 lux	569 lux	834 lux
492 lux	513 lux	364 lux	534 lux



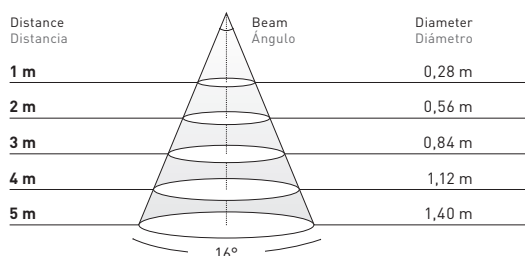
Smooth® 85

32W
38°


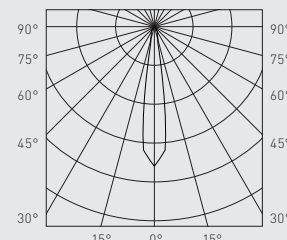
2700K	3000K	3000K	4000K
CRI 80	CRI 80	CRI 90	CRI 80
6602 lux	6877 lux	4883 lux	7152 lux
1650 lux	1719 lux	1220 lux	1788 lux
733 lux	764 lux	542 lux	795 lux
413 lux	430 lux	305 lux	447 lux
264 lux	275 lux	195 lux	286 lux



Smooth® 85

24W
16°


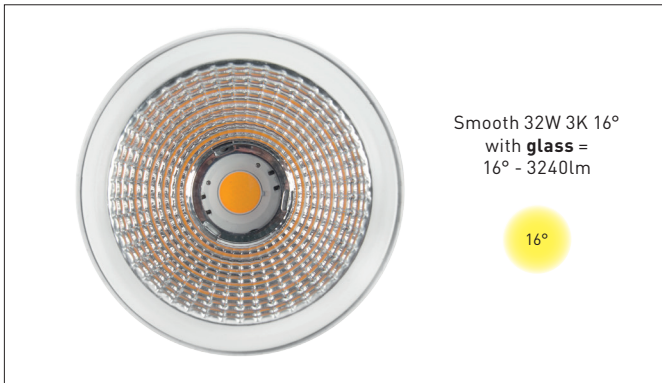
2700K	3000K	3000K	4000K
CRI 80	CRI 80	CRI 90	CRI 80
17511 lux	18241 lux	13134 lux	18971 lux
4378 lux	4560 lux	3283 lux	4742 lux
1546 lux	2027 lux	1459 lux	2108 lux
1094 lux	1140 lux	821 lux	1186 lux
701 lux	730 lux	527 lux	759 lux



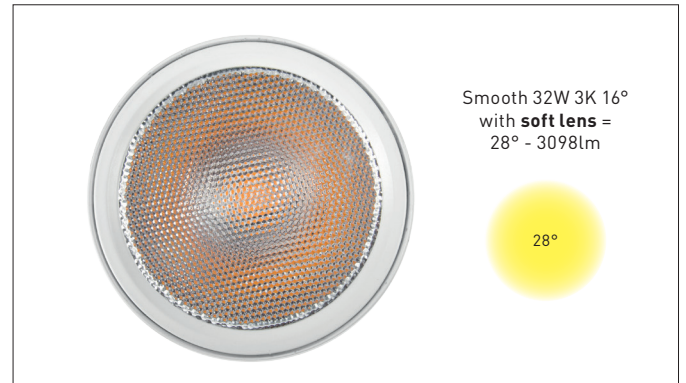
Data calculated with **Smooth® 85 with clear diffuser**.
Lumen measurement complies with **UNE-EN 13032 / IES LM-79-08** testing procedures.
Light distribution curves are available at www.grupo-mci.com.
Due to continuous improvements and innovations, specifications may change without notice.

Datos calculados con **Smooth® 85 con difusor transparente**.
Ensayado bajo las especificaciones de la norma **UNE-EN 13032 / IES LM-79-08**.
Fotometrías disponibles en www.grupo-mci.com.
Debido a las continuas mejoras e innovaciones, las especificaciones pueden cambiar sin previo aviso.

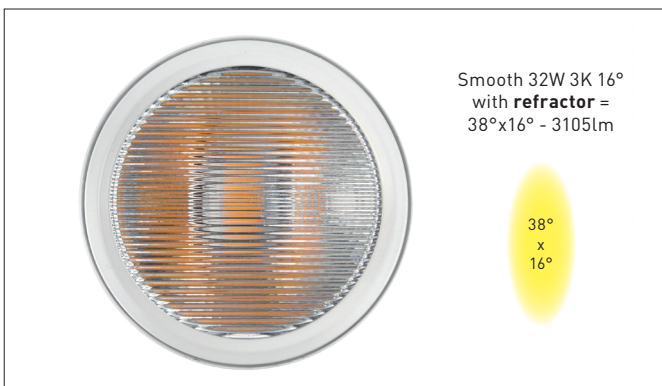
ACCESSORIES
ACCESORIOS



Glass Cristal (Standard)



Soft lens



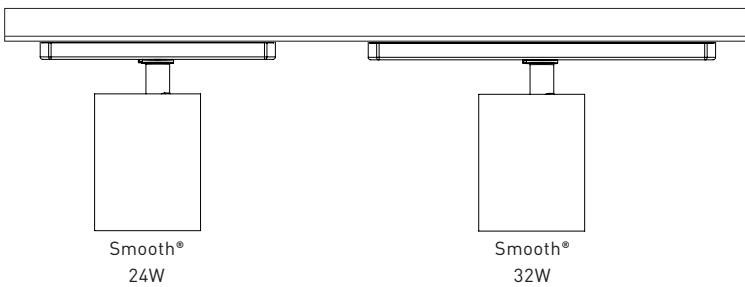
Refractor Difusor elíptico



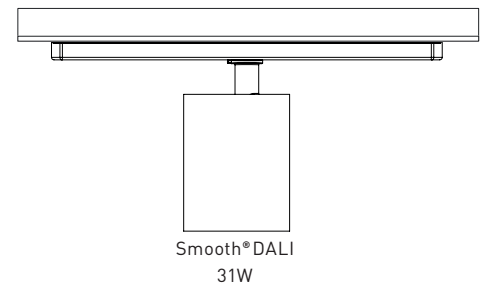
Honeycomb Panel de abeja

CONNECTIONS
CONEXIONES

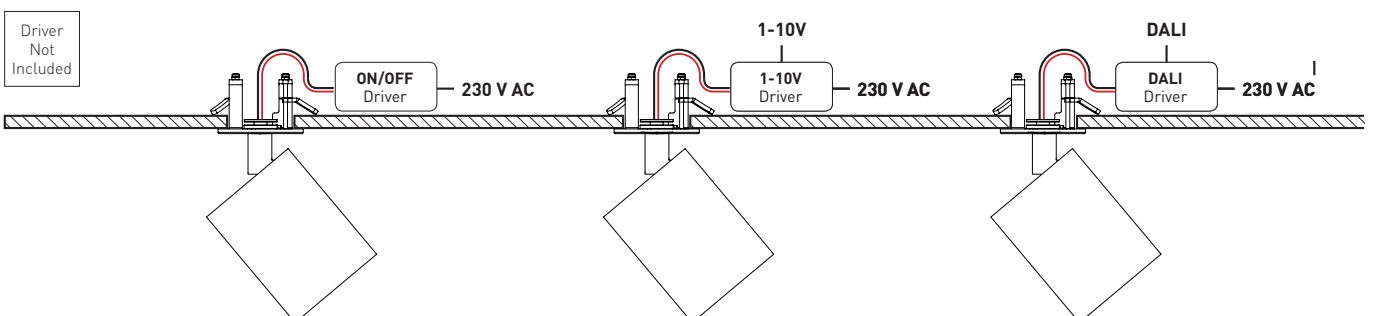
On-Off track (16A, 220-250V, 3 phases)
Carril On-Off (16A, 220-250V, 3 fases)



DALI track (16A, 400V)
Carril DALI (16A, 400V)



Smooth® Semi-recessed



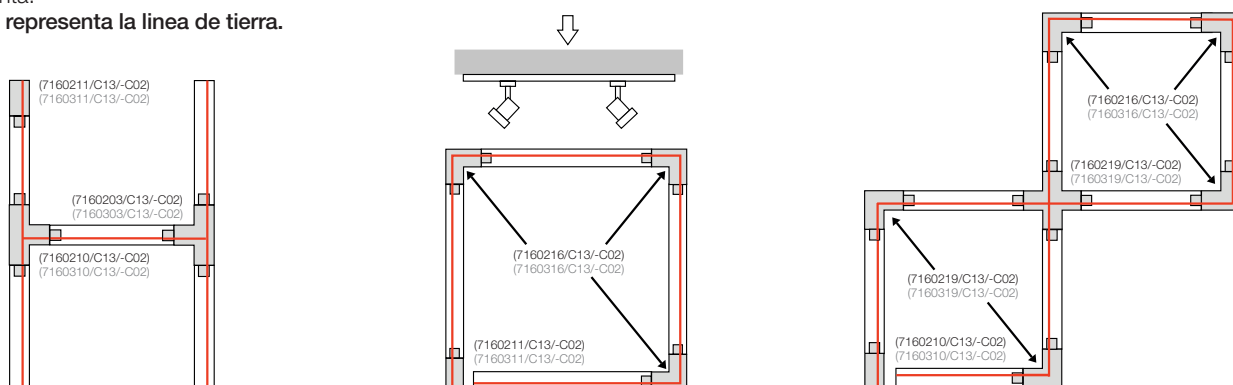
ACCESSORIES REFERENCES REFERENCIAS ACCESORIOS



On/Off (3F)	DALI			
7160201/C13	7160301/C13	Track surface,1m (black)	Carril superficie, 1m. (negro)	1
7160201/C02	7160301/C02	Track surface,1m (white)	Carril superficie, 1m. (blanco)	
7160202/C13	7160302/C13	Track surface,2m (black)	Carril superficie, 2m. (negro)	
7160202/C02	7160302/C02	Track surface,2m (white)	Carril superficie, 2m. (blanco)	
7160203/C13	7160303/C13	Track surface,3m (black)	Carril superficie, 3m. (negro)	
7160203/C02	7160303/C02	Track surface,3m (white)	Carril superficie, 3m. (blanco)	
7160210/C13	7160310/C13	Earth electrode right (black)	Alimentador, tierra derecha (negro)	2
7160210/C02	7160310/C02	Earth electrode right (white)	Alimentador, tierra derecha (blanco)	
7160211/C13	7160311/C13	Earth electrode left (black)	Alimentador, tierra izquierda (negro)	
7160211/C02	7160311/C02	Earth electrode left (white)	Alimentador, tierra izquierda (blanco)	
7160212/C13	7160312/C13	End Cap (black)	Tapa final (negro)	3
7160212/C02	7160312/C02	End Cap (white)	Tapa final (blanco)	
7160213/C13	7160313/C13	Long connector (black)	Conector longitudinal (negro)	4
7160213/C02	7160313/C02	Long connector (white)	Conector longitudinal (blanco)	
7160214/C13	7160314/C13	Long connector with feed-in capability (black)	Conector longitudinal, con alimentador (negro)	5
7160214/C02	7160314/C02	Long connector with feed-in capability (white)	Conector longitudinal con alimentador (blanco)	
7160215/C13	7160315/C13	L-connector, earth electrode inside (black)	Conector en L, tierra interior (negro)	6
7160215/C02	7160315/C02	L-connector, earth electrode inside (white)	Conector en L, tierra interior (blanco)	
7160216/C13	7160316/C13	L-connector, earth electrode outside (black)	Conector en L, tierra exterior (negro)	
7160216/C02	7160316/C02	L-connector, earth electrode outside (white)	Conector en L, tierra exterior (blanco)	
7160217/C13	7160317/C13	T-connector, earth electrode left (black)	Conector en T, tierra izquierda (negro)	7
7160217/C02	7160317/C02	T-connector, earth electrode left (white)	Conector en T, tierra izquierda (blanco)	
7160218/C13	7160318/C13	T-connector, earth electrode right (black)	Conector en T, tierra derecha (negro)	
7160218/C02	7160318/C02	T-connector, earth electrode right (white)	Conector en T, tierra derecha (blanco)	
7160219/C13	7160319/C13	X-connector (black)	Conector en X (negro)	8
7160219/C02	7160319/C02	X-connector (white)	Conector en X (blanco)	
7160230/C13	7160330/C13	Joint connector (black)	Unión mecánica carriles (negro)	9
7160230/C02	7160330/C02	Joint connector (white)	Unión mecánica carriles (blanco)	
7160231/C13	7160331/C13	Wire suspension (black)	Cable de suspensión 5m "on/off" 3m "DALI" (negro)	10
7160231/C02	7160331/C02	Wire suspension (white)	Cable de suspensión 5m "on/off" 3m "DALI" (blanco)	
7160232/C13	7160332/C13	Pendant suspension (black)	Suspensión rígida 1m "on/off" 1m "DALI" (negro)	11
7160232/C02	7160332/C02	Pendant suspension (white)	Suspensión rígida 1m "on/off" 1m "DALI" (blanco)	

Vistas en planta.

La línea roja representa la línea de tierra.



REFERENCES REFERENCIAS

7161 0 0 0 /80/2K7

COLOR COLOR

/80/2K7	2700K
/80/3K	3000K
/90/3KX	3000K
/80/4K	4000K

BEAM ÁNGULO

0	16° - Spot
1	24° - Medium Flood
2	38° - Flood

FINISHES ACABADOS

2	Black Negro
3	White Blanco

TYPE MODELO

0	Carril
2	Semi empotrado

OPTIONS OPCIONES

CONTROL TRACK SPOTLIGHT CONTROL PROYECTOR CARRIL

On-Off	19-24W	230V AC	
On-Off	19-24W	110V AC	
On-Off	26-32W	230V AC	(Standard)
DALI	14-31W	230V AC	

The standard track spotlight version is delivered with multi-power driver 26-32W On-Off 230 V AC.

La versión estándar del proyector a carril se suministra con driver 26-32W On-Off 230 V AC.

ACCESSORIES ACCESORIOS

Glass	Cristal	(Standard)
Refractor	Difusor elíptico	
Soft lens	Soft lens	
Honeycomb	Panel de abeja	

The standard spotlight version is delivered with glass.

The accessories (refractor, soft lens and honeycomb) must be ordered together with the luminaire and it is not compatible with the glass.

The standard semi-recessed spotlight version is delivered without driver.

La versión estándar del proyector se suministra con cristal.

Los accesorios (difusor elíptico, soft lens y el panel de abeja) debe pedirse junto con la luminaria y no es compatible con el cristal.

La versión estándar del proyector semi empotrado se suministra sin driver.

TABLE DIP-SWITCH TRACK SPOTLIGHT TABLA DIP-SWITCH PROYECTOR CARRIL

Smooth® 19-24W (On-Off)

DIP-SWITCH	1	2
500 mA [18,5W]	-	-
550 mA [20 W]	ON	-
600 mA [22 W]	-	ON
650 mA [24W]	ON	ON

The standard version with multi-power driver is supplied with the DIP switch at maximum power

La versión estándar con driver multi-potencia se suministran con el DIP switch al máximo de potencia

Smooth® 26-32W (On-Off)

DIP-SWITCH	1	2
700 mA [26W]	-	-
750 mA [28W]	ON	-
800 mA [30W]	-	ON
850 mA [32W]	ON	ON

Smooth® 14-31W (DALI)

DIP-SWITCH	1	2	3	4
325 mA [14W]	-	-	-	-
350 mA [15,5W]	-	-	-	ON
375 mA [16,5W]	-	-	ON	-
400 mA [17,5W]	-	-	ON	ON
425 mA [18,5W]	-	ON	-	-
450 mA [19,5W]	-	ON	-	ON
475 mA [21W]	-	ON	ON	-
500 mA [22W]	-	ON	ON	ON

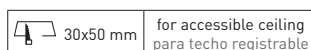
DIP-SWITCH	1	2	3	4
525 mA [23W]	ON	-	-	-
550 mA [24W]	ON	-	-	ON
575 mA [25W]	ON	-	ON	-
600 mA [26,5W]	ON	-	ON	ON
625 mA [27,5W]	ON	ON	-	-
650 mA [28,5W]	ON	ON	-	ON
675 mA [29,5W]	ON	ON	ON	-
700 mA [31W]	ON	ON	ON	ON



To control the DALI Smooth® track spotlight via Bluetooth see page 326 (eBLUE 0-10V / DALI devices)

Para controlar el proyector Smooth® DALI de carril vía Bluetooth consultar página 326 (eBLUE 0-10V / DALI dispositivos)

DRIVERS REFERENCES FOR SEMI RECESSED SPOTLIGHT REFERENCIAS DRIVERS PARA PROYECTOR SEMI EMPOTRADO



1



2



3



Drivers 500mA					
3090773	x	x	Driver 500mA On/Off (18W)	Driver 500mA On/Off (18W)	
3090774	x	x	Driver 500mA 1-10 V (18W)	Driver 500mA 1-10 V (18W)	1
Drivers 700mA					
3090776		x	Driver 700mA On/Off (24W)	Driver 700mA On/Off (24W)	
3090777		x	Driver 700mA 1-10 V (24W)	Driver 700mA 1-10 V (24W)	
Drivers 900mA					
3090779		x	Driver 900mA On/Off (32W)	Driver 900mA On/Off (32W)	2
3090780		x	Driver 900mA 1-10 V (32W)	Driver 900mA 1-10 V (32W)	
Multi-power driver 300-900 mA					
3090705	x	x	On/Off multi-power driver (13 W to 32 W)	Driver multi-power On/Off (13 W hasta 32 W)	
3090707	x	x	DALI multi-power driver (13 W to 32 W)	Driver multi-power DALI (13 W hasta 32 W)	3



To control the semi-recessed Smooth® via Bluetooth see page 326 (DLCM drivers)

Para controlar el Smooth® semi empotrado vía Bluetooth consultar página 326 (drivers DLCM)

Loiola railway station,
San Sebastián, Spain



← Hendaia

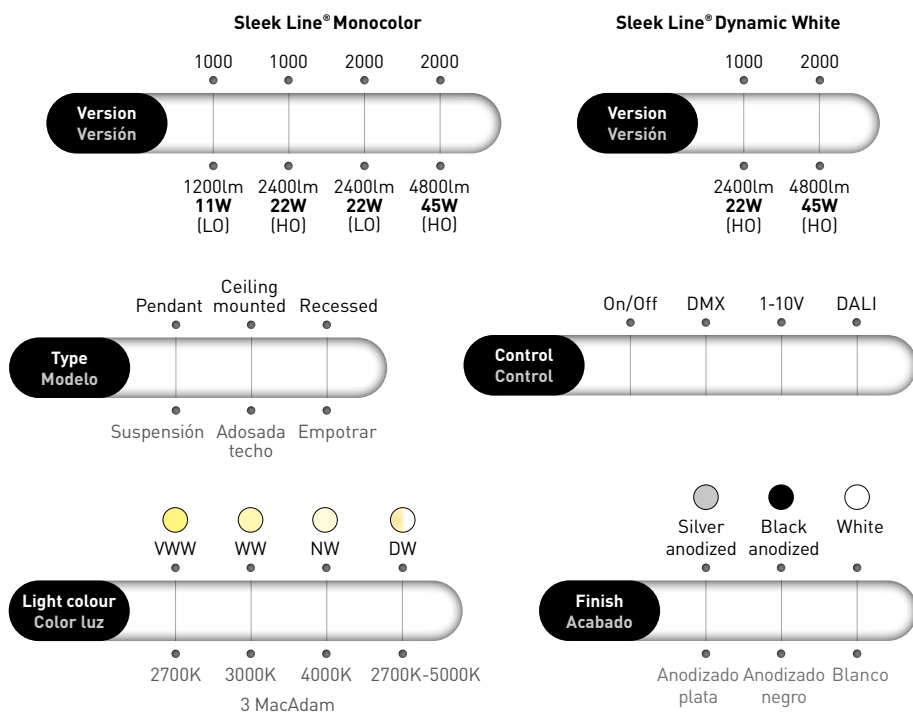
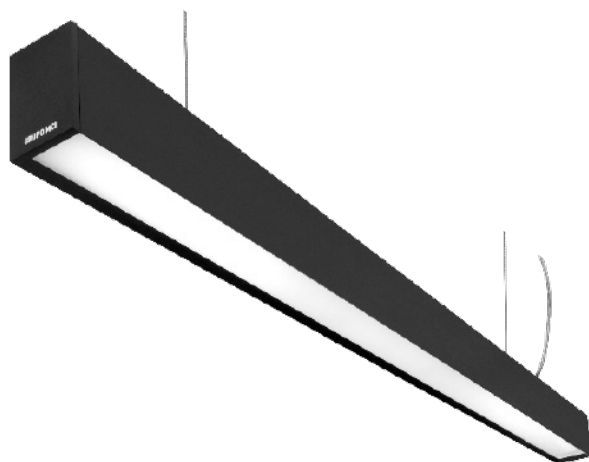


SLEEK LINE®



SLEEK LINE®

- Modular system for continuous light lines
 - DMX, DALI or 1-10V control
 - High Output and Low Output versions
 - Easy power and data connection
 - Easy serial connection, up to 30 m.
 - Luminaire efficiency 75 lm/W
 - Homogenous light without shadows
 - Pendant, ceiling mounted and recessed versions
 - Seamless screws' endcaps
 - 180° junction accessories
 - 90° corner and linear luminaires types
- Sistema modular: permite crear líneas de luz continuas
 - Control DMX, DALI, 1-10V
 - Versiones High Output y Low Output
 - Fácil conexión eléctrica y de datos
 - Fácil conexión en serie, hasta 30 m.
 - Eficiencia de la luminaria 75 lm/W
 - Luz uniforme y continua sin sombras
 - Versiones de suspensión, adosada a techo y de empotrar
 - Tapas finales sin tornillos vistos
 - Accesorios de unión para 180°
 - Luminarias lineales y de 90°



The standard version is delivered with On/Off control. End caps and accessories not included.
 La versión estándar se suministra con control On/Off. Tapas finales y accesorios no incluidos.

SPECIFICATIONS
CARACTERÍSTICAS

IP40	DALI DMX 1-10V	198-264V AC		AL Housing	PMMA Cover	CRI>80	Ta min -20°C -4°F Ta max +50°C +122°F	CE
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Sleek Line® 1000			
Measures	1000 x 70 x 40 mm		
Weight	1,5 kg		
Low Output (LO) - 84 LEDs - 35mA			
Power	11 W		
Color temperatures	2700K	3000K	4000K
Lumens output	712 lm	774 lm	823 lm
Luminaire efficiency	65 lm/W	70 lm/W	75 lm/W
Hight Output (HO) - 84 LEDs - 70mA			
Power	22 W		
Color temperatures	2700K	3000K	4000K
Lumens output	1424 lm	1548 lm	1646 lm
Luminaire efficiency	65 lm/W	70 lm/W	75 lm/W

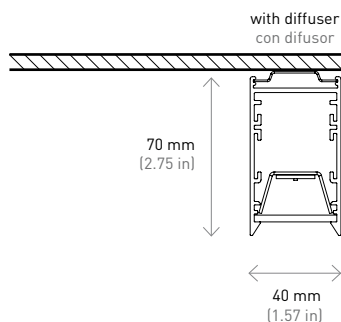
Sleek Line® 2000			
Measures	2000 x 70 x 40 mm		
Weight	3 kg		
Low Output (LO) - 168 LEDs - 35mA			
Power	22 W		
Color temperatures	2700K	3000K	4000K
Lumens output	1424 lm	1548 lm	1646 lm
Luminaire efficiency	65 lm/W	70 lm/W	75 lm/W
Hight Output (HO) - 168 LEDs - 70mA			
Power	45 W		
Color temperatures	2700K	3000K	4000K
Lumens output	2848 lm	3096 lm	3292 lm
Luminaire efficiency	63 lm/W	69 lm/W	73 lm/W

Sleek Line® 1000 Dynamic White			
Measures	1000 x 70 x 40 mm		
Weight	1,5 kg		
Hight Output (HO) - 84 LEDs - 22W - 70mA			
Power	11 W	11 W	22 W
Color temperatures	(42 LEDs) 2700K	(42 LEDs) 5000K	(42 LEDs) 2700K + (42 LEDs) 5000K
Lumens output	750 lm	872 lm	1622 lm
Luminaire efficiency	68 lm/W	79 lm/W	74 lm/W

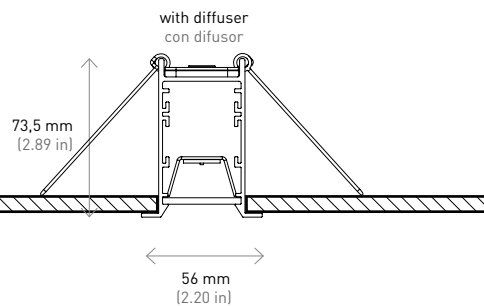
Sleek Line® 2000 Dynamic White			
Measures	2000 x 70 x 40 mm		
Weight	3 kg		
Hight Output (HO) - 168 LEDs - 45W - 70mA			
Power	22 W	22 W	45 W
Color temperatures	(84 LEDs) 2700K	(84 LEDs) 5000K	(84 LEDs) 2700K + (84 LEDs) 5000K
Lumens output	1500 lm	1744 lm	3244 lm
Luminaire efficiency	68 lm/W	79 lm/W	72 lm/W

MEASURES
MEDIDAS

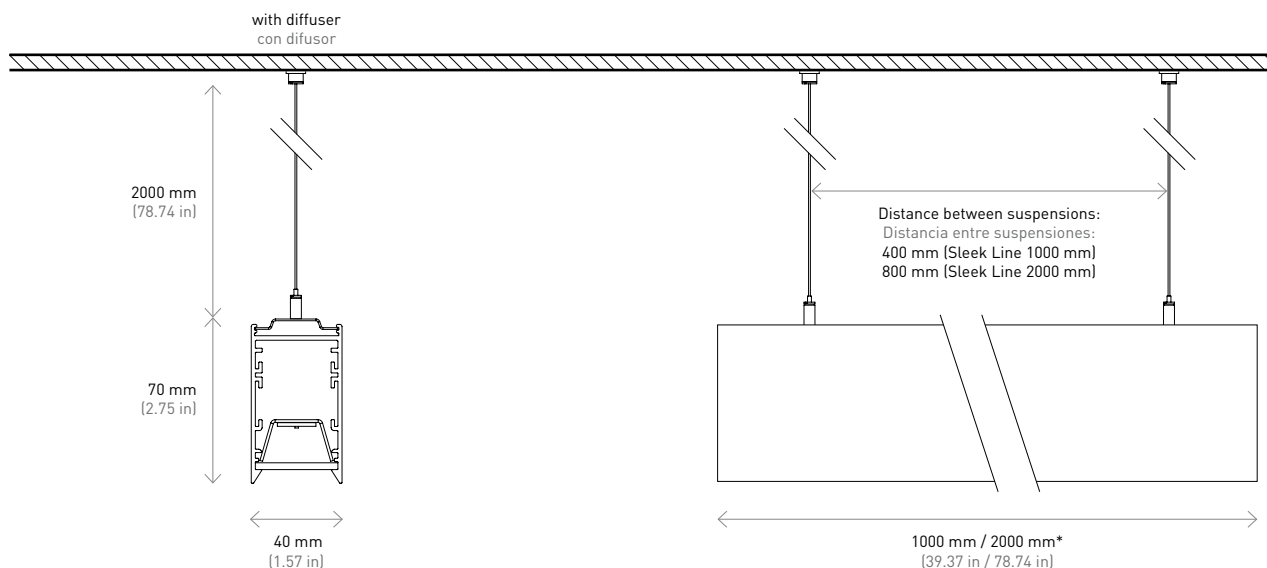
Sleek Line®
Ceiling mounted
Adosada a techo



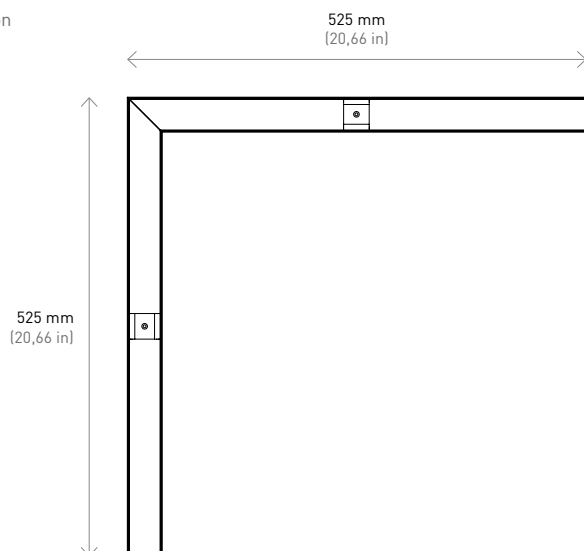
Sleek Line®
Recessed
Empotrar



Sleek Line®
Pendant
Suspensión



Sleek Line® Corner
Ceiling-Pendant
Adosada-Suspensión

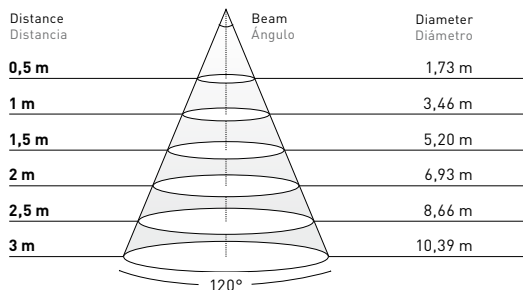


*Measures without end caps. The end cap thickness is 6 mm.
*Medidas sin tapas finales. El grosor de la tapa es de 6 mm.

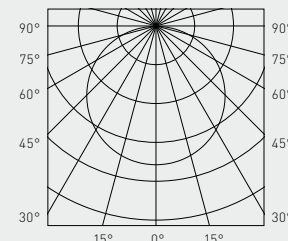
LIGHT DISTRIBUTION CURVES MONOCOLOR
FOTOMETRÍAS MONOCOLOR

Sleek Line® 1000

Low Output

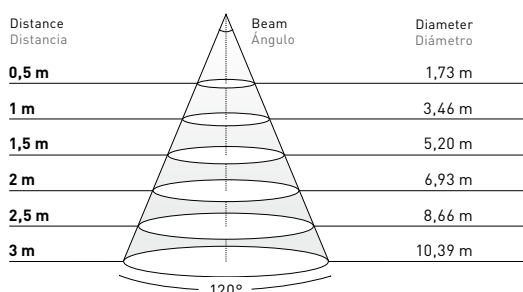


	2700K	3000K	4000K
0,5 m	964 lux	985 lux	1.048 lux
1 m	887 lux	246 lux	262 lux
1,5 m	107 lux	109 lux	116 lux
2 m	61 lux	62 lux	66 lux
2,5 m	39 lux	40 lux	42 lux
3 m	27 lux	28 lux	29 lux

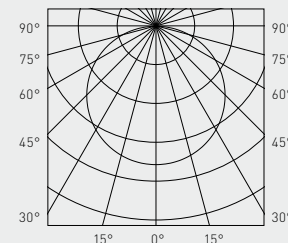


Sleek Line® 1000

High Output



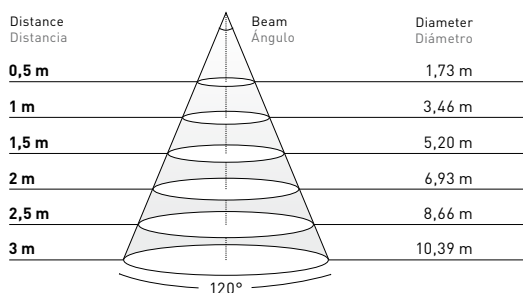
	2700K	3000K	4000K
0,5 m	1.928 lux	1.970 lux	2.096 lux
1 m	482 lux	493 lux	524 lux
1,5 m	214 lux	219 lux	233 lux
2 m	121 lux	123 lux	131 lux
2,5 m	77 lux	79 lux	84 lux
3 m	53 lux	55 lux	58 lux



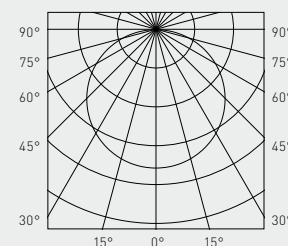
LIGHT DISTRIBUTION CURVES DYNAMIC WHITE
FOTOMETRÍAS BLANCO DINÁMICO

Sleek Line® 1000

High Output



	2700K	5000K	2700K+5000K
0,5 m	1.048 lux	1.048 lux	2.096 lux
1 m	262 lux	262 lux	524 lux
1,5 m	116 lux	116 lux	233 lux
2 m	66 lux	66 lux	131 lux
2,5 m	42 lux	42 lux	84 lux
3 m	29 lux	29 lux	58 lux



Data calculated with Sleek Line® (1 m).
Lumen measurement complies with UNE-EN 13032 / IES LM-79-08 testing procedures.
Light distribution curves are available at www.grupo-mci.com.
Due to continuous improvements and innovations, specifications may change without notice.

Datos calculados con Sleek Line® (1 m).
Ensayado bajo las especificaciones de la norma UNE-EN 13032 / IES LM-79-08.
Fotometrías disponibles en www.grupo-mci.com.
Debido a las continuas mejoras e innovaciones, las especificaciones pueden cambiar sin previo aviso.

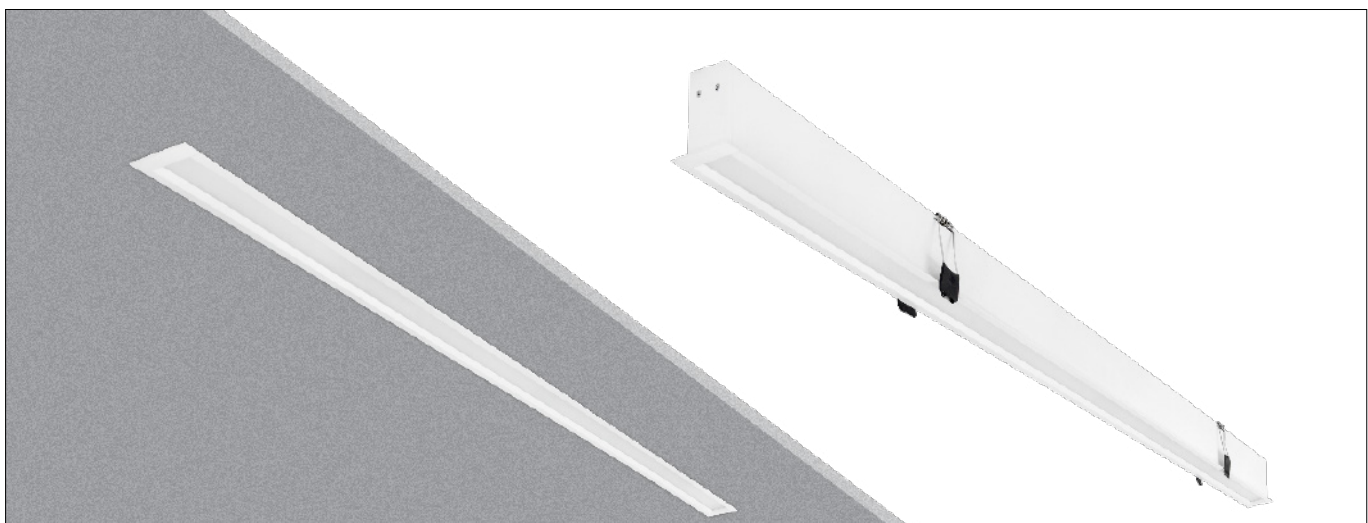


FINISHES ACABADOS

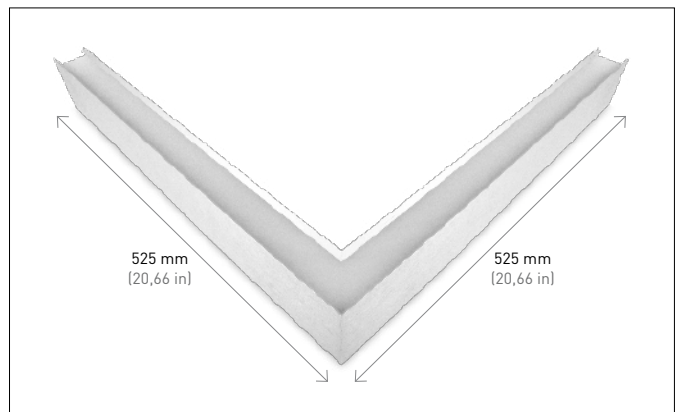
In order to satisfy all our customers, three different versions are available: white, anodized black and anodized silver.
Con el fin de satisfacer las necesidades de nuestros clientes, está disponible en tres acabados: blanco, anodizado negro y anodizado plata.



DETAILS DETALLES

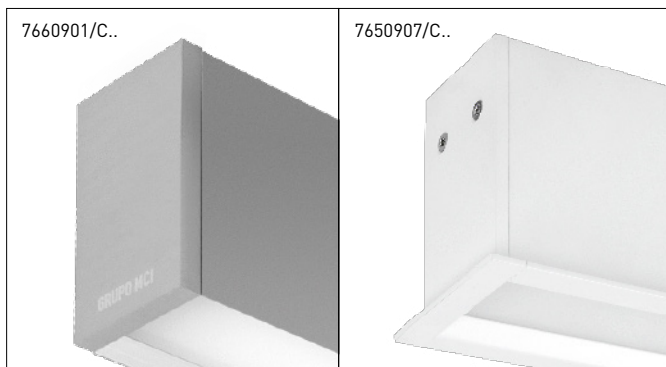


Integrated springs for an easy installation.
Muelles integrados en la luminaria para una fácil instalación.



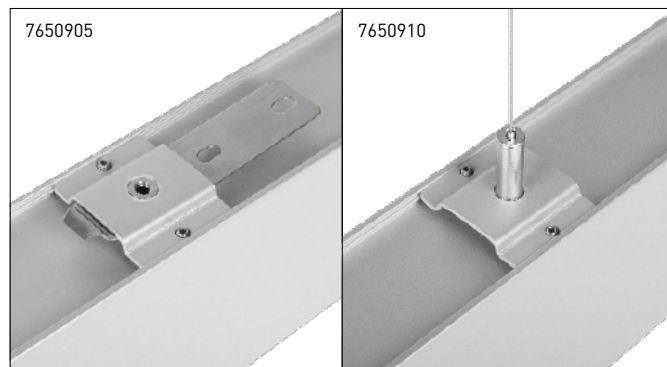
90° corner luminaire.
Luminaria de 90°.

DETAILS
DETALLES



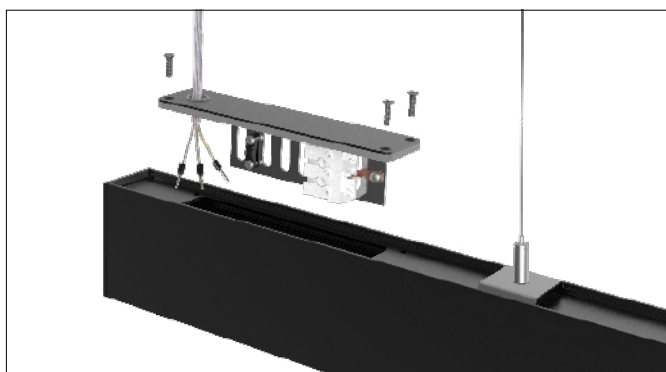
7660901/C..
Seenless screws' endcaps.
Tapas finales sin tornillos vistos.

7650907/C..
End caps with internal space to absorb diffuser expansion.
Tapas finales con ranura interior para absorber dilatación difusor.

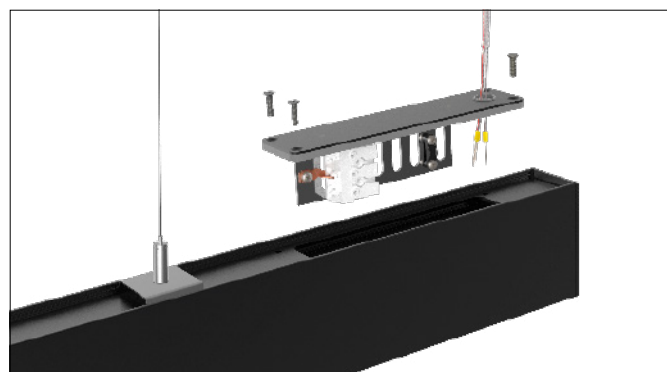


7650905
Ceiling bracket.
Soporte a techo.

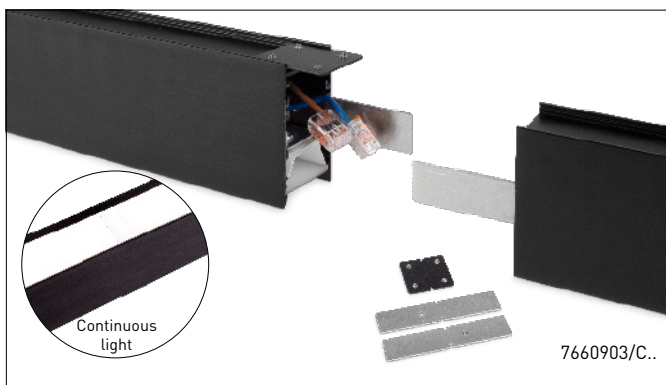
7650910
Adjustable suspension.
Suspensión regulable.



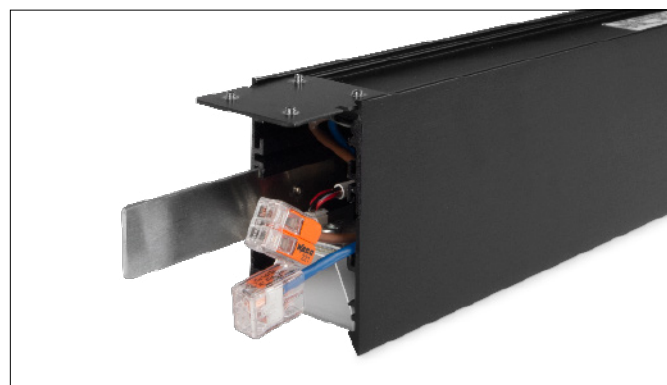
Power connection cover (230V) with molded silicone gasket.
Tapa para conexión eléctrica (230V) con junta de silicona moldeada.



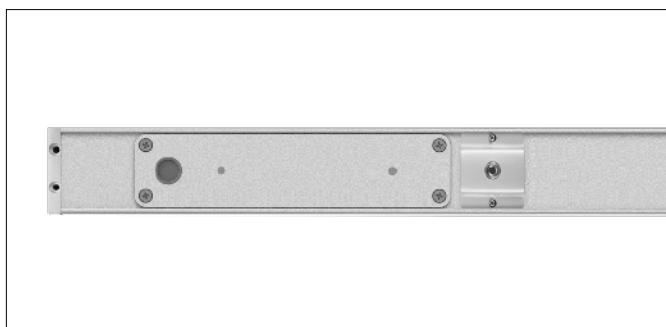
Data connection cover (DALI, 1-10V and DMX) with molded silicone gasket.
Tapa para conexión de datos (DALI, 1-10V y DMX) con junta de silicona moldeada.



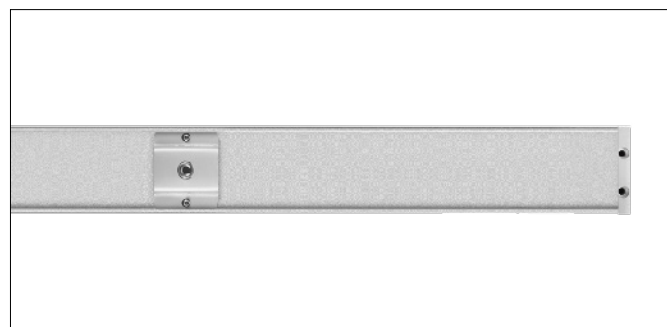
Not visible internal junction between luminaires.
Unión interna no visible entre luminarias.



Electrical connection between luminaires with Wago terminal 2-way connection.
Conexión eléctrica entre luminarias con regleta conexión Wago 2 vías.

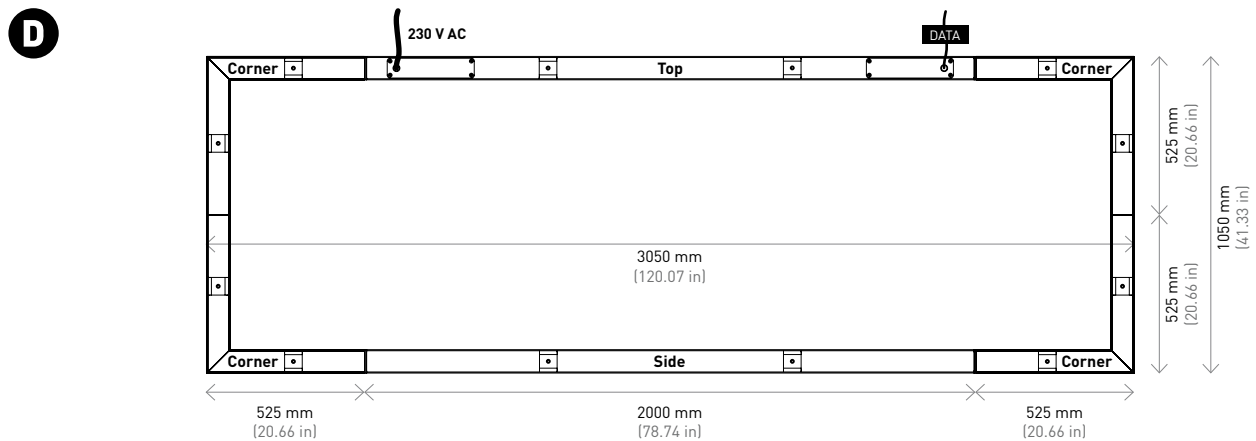
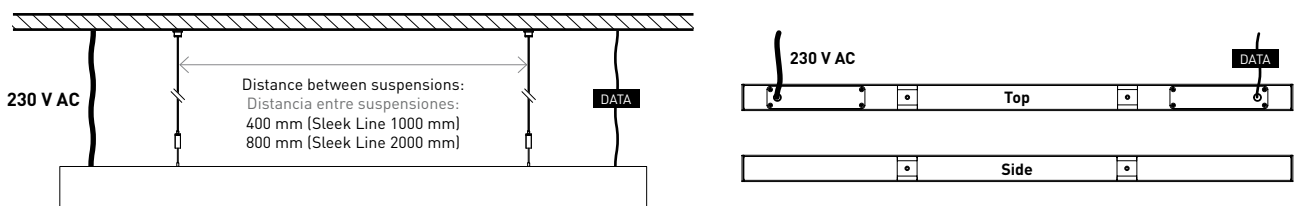
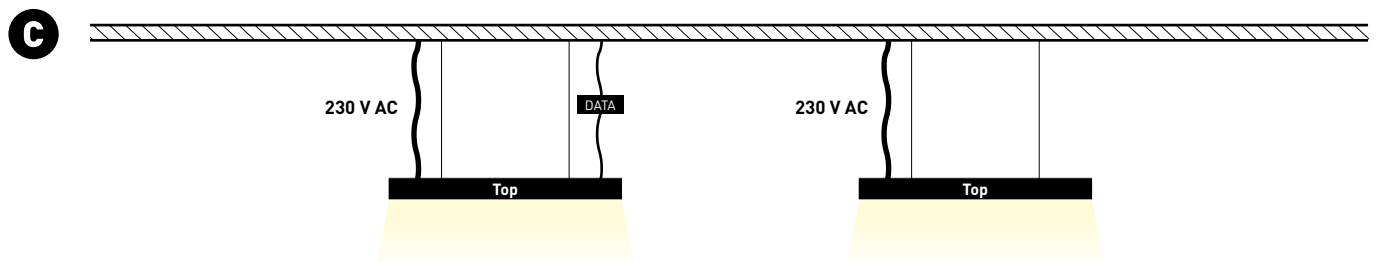
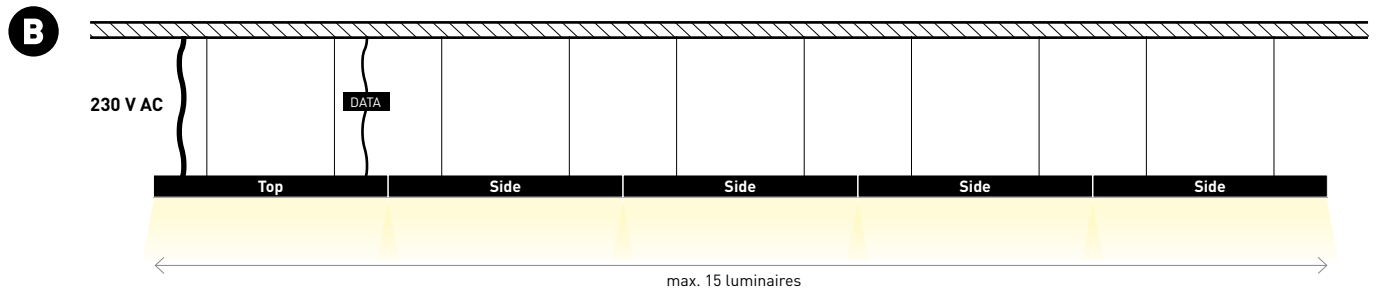
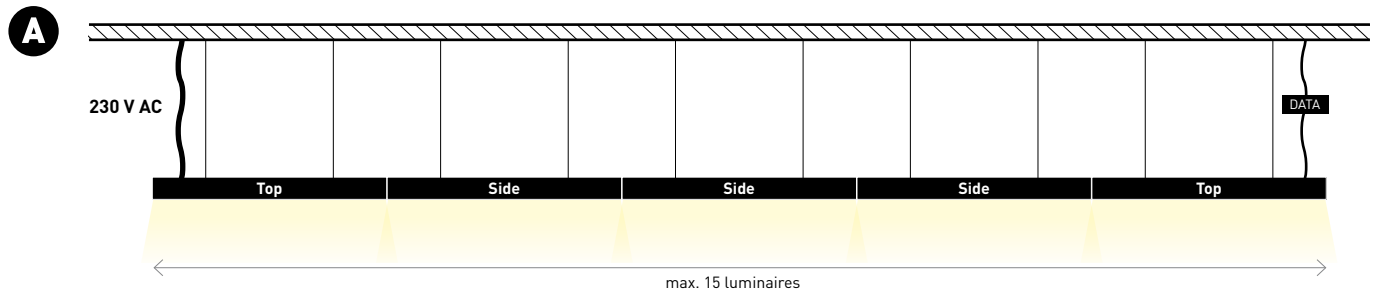


Sleek Line® Top with power and data connection cover.
Sleek Line® Top con tapa superior para conexión eléctrica y de datos.



The electrical and data connections of Sleek Line® Side are by the side.
Las conexiones eléctricas y de datos de Sleek Line® Side se realizan por los extremos de la luminaria.

230 V AC CONNECTIONS
CONEXIONES 230 V AC



To control the Sleek Line (1-10V or DALI) via Bluetooth see page 326 (eBLUE 0-10V / DALI devices)
Para controlar las Sleek Line (1-10V o DALI) via Bluetooth consultar página 326 (eBLUE 0-10V / DALI dispositivos)

REFERENCES
REFERENCIAS

765 0 0 0 1 /80/2K7

COLOUR COLOR

/2K7-5K Dynamic white* Blanco dinámico*
/80/4K 4000K
/80/3K 3000K
/80/2K7 2700K

LENGTH LONGITUD

1 1000 mm
2 2000 mm
3 525 mm (90° corner luminaire)**

FINISHES ACABADOS

0 Silver anodized Anodizado plata
2 Black anodized Anodizado negro
3 White painted Blanco pintado

VERSION VERSIÓN

0 LO (Low Output) / Top
1 LO (Low Output) / Side
2 HO (High Output) / Top
3 HO (High Output) / Side

TYPE MODELO

0 Ceiling mounted / Pendant Adosada a techo / Suspensión
1 Recessed Empotrar

OPTIONS
OPCIONES

The standard version is delivered with:
On/Off control. End caps and accessories not included.

La versión estándar se suministra con:
control On/Off. Tapas finales y accesorios no incluidos.

CONTROL CONTROL

On/Off **(Standard)**
DMX 512-A
1-10V
DALI

* Only available in HO (High Output) version.
Sólo disponible en versión HO (High Output).

** Only available in ceiling mounted / pendant side version.
Sólo disponible como luminaria side adosada a techo / suspensión.

ACCESSORIES REFERENCES
REFERENCIAS ACCESORIOS



Ceiling Mounted & Pendant Accessories

Ceiling Mounted & Pendant Accessories		Accesorios Adosada a Techo y Suspensión	
7650901/C12	Silver end cap (2un)	Tapa final Plata (2un)	1
7650901/C13	Black end cap (2un)	Tapa final Negra (2un)	
7650901/C02	White end cap (2un)	Tapa final Blanca (2un)	
7650903/C12	Silver not visible internal junction between luminaires	Unión interna no visible Plata entre luminarias	
7650903/C13	Black not visible internal junction between luminaires	Unión interna no visible Negra entre luminarias	2
7650903/C02	White not visible internal junction between luminaires	Unión interna no visible Blanca entre luminarias	
7650905	Ceiling bracket for Sleek Line® 1000mm (2un)	Soporte a techo para Sleek Line® 1000mm (2un)	3
7650906	Ceiling bracket for Sleek Line® 2000mm (3un)	Soporte a techo para Sleek Line® 2000mm (3un)	

Pendant Accessories

Pendant Accessories		Accesorios Suspensión	
7650910	Adjustable suspension (2m)	Suspensión regulable (2m)	4
7650911/C02	Canopy with 2m power cable (3x1,5mm) (230V)	Florón con cable 2m (3x1,5mm) (230V)	5
7650912/C02	Canopy with 2m DALI-10V cable (2x0,5mm)	Florón con cable 2m DALI-1-10V (2x0,5mm)	
7650913/C02	Canopy with 2m DMX cable	Florón con cable 2m DMX	

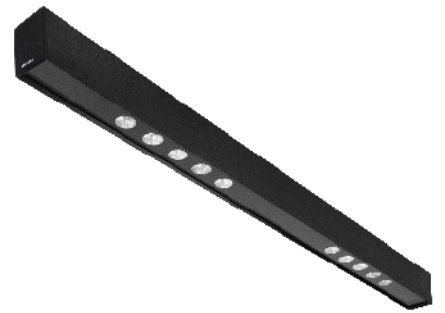
Recessed Accessories

Recessed Accessories		Accesorios Empotrar	
7650907/C12	Silver recessed end cap (2un)	Tapa final empotrar Plata (2un)	
7650907/C13	Black recessed end cap (2un)	Tapa final empotrar Negra (2un)	
7650907/C02	White recessed end cap (2un)	Tapa final empotrar Blanca (2un)	6





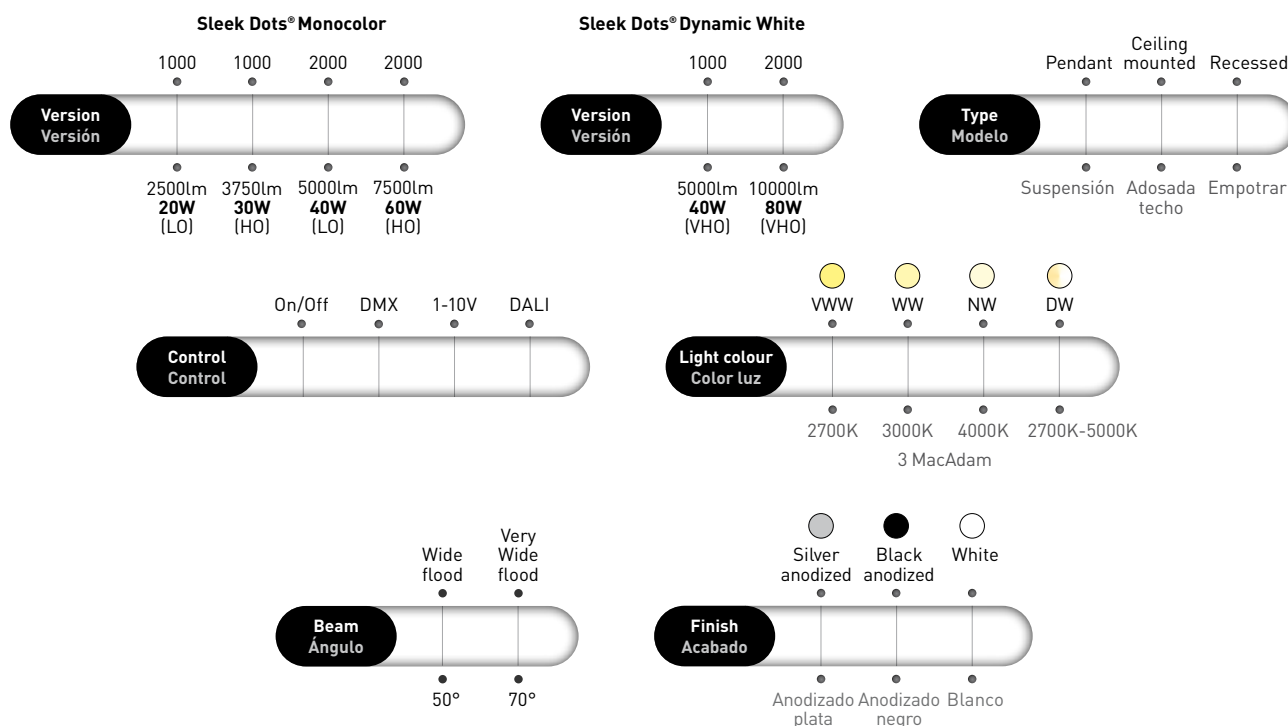
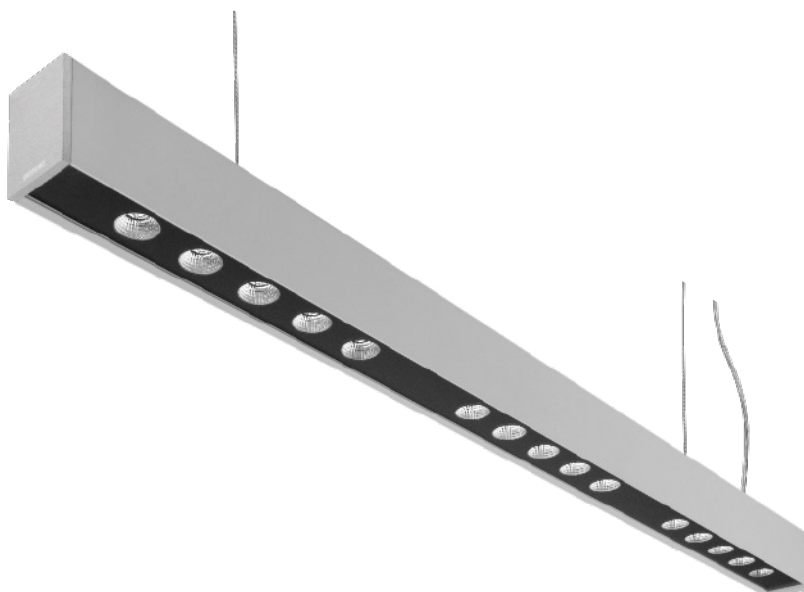
SLEEK DOTS®



SLEEK DOTS®

UGR <17

- Modular system for continuous light lines
 - DMX, DALI or 1-10V control
 - Low Output, High Output and Very High Output versions
 - Easy power and data connection
 - Easy serial connection, up to 30 m.
 - Luminaire efficiency 115 lm/W
 - 2 beam angles: 50° and 70°
 - Pendant, ceiling mounted and recessed versions
 - Seenless screws' endcaps
 - 90° and 180° junction accessories
- Sistema modular: permite crear líneas de luz continuas
 - Control DMX, DALI, 1-10V
 - Versiones Low Output, High Output y Very High Output.
 - Fácil conexión eléctrica y de datos
 - Fácil conexión en serie, hasta 30 m.
 - Eficiencia de la luminaria 115 lm/W
 - 2 ángulos de apertura: 50° y 70°
 - Versiones de suspensión, adosada a techo y de empotrar
 - Tapas finales sin tornillos vistos
 - Accesorios de unión para 180° y 90°



The standard version is delivered with On/Off control (Monocolor) or DMX control (Dynamic White) and 70° beam angle. End caps and accessories not included.
 La versión estándar se suministra con control On/Off (Monocolor) o control DMX (Blanco Dinámico) y ángulo de apertura de 70°. Tapas finales y accesorios no incluidos.

SPECIFICATIONS
CARACTERÍSTICAS

IP40	DALI DMX 1-10V	90-305V AC	UGR <17 (50°)	UGR <19 (70°)		AL Housing	PMMA Cover	CRI>80	Ta min -20°C -4°F Ta max +50°C +122°F	CE
------	----------------------	---------------	---------------------	---------------------	--	---------------	---------------	--------	--	----

Sleek Dots® 1000 Monocolor			
Measures	1000 x 75 x 54 mm		
Weight	1,9 kg		
Low Output (LO) - 10 reflectors - 40 LEDs			
Power	20 W		
Color temperatures	2700K	3000K	4000K
Lumens output	50° - 2116 lm 70° - 2139 lm	50° - 2158 lm 70° - 2181 lm	50° - 2306 lm 70° - 2331 lm
Luminaire efficiency	106 to 107 lm/W	108 to 109 lm/W	115 to 117 lm/W
High Output (HO) - 15 reflectors - 60 LEDs			
Power	30 W		
Color temperatures	2700K	3000K	4000K
Lumens output	50° - 3174 lm 70° - 3208 lm	50° - 3237 lm 70° - 3272 lm	50° - 3460 lm 70° - 3497 lm
Luminaire efficiency	106 to 107 lm/W	108 to 109 lm/W	115 to 117 lm/W

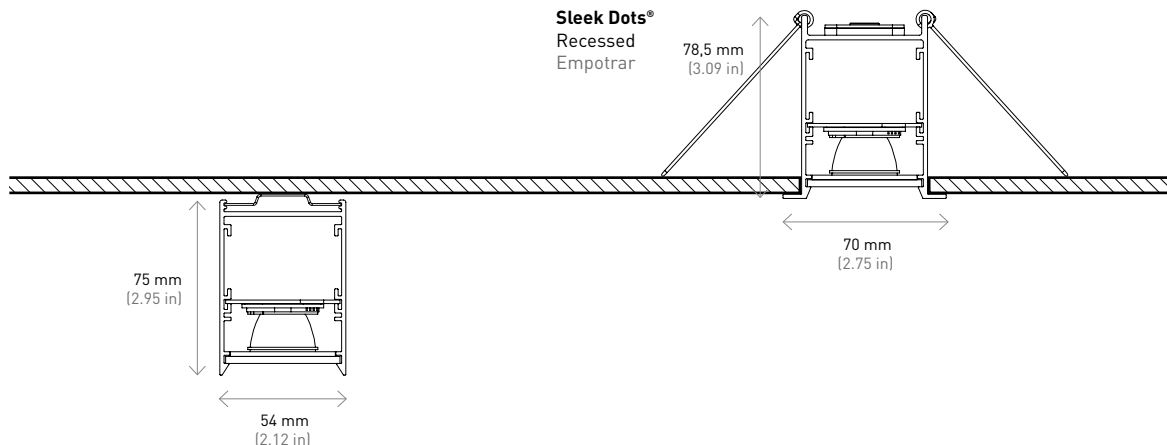
Sleek Dots® 2000 Monocolor			
Measures	2000 x 75 x 54 mm		
Weight	3,8 kg		
Low Output (LO) - 20 reflectors - 80 LEDs			
Power	40 W		
Color temperatures	2700K	3000K	4000K
Lumens output	50° - 4232 lm 70° - 4277 lm	50° - 4317 lm 70° - 4363 lm	50° - 4613 lm 70° - 4662 lm
Luminaire efficiency	106 to 107 lm/W	108 to 109 lm/W	115 to 117 lm/W
High Output (HO) - 30 reflectors - 120 LEDs			
Power	60 W		
Color temperatures	2700K	3000K	4000K
Lumens output	50° - 6348 lm 70° - 6416 lm	50° - 6475 lm 70° - 6544 lm	50° - 6919 lm 70° - 6994 lm
Luminaire efficiency	106 to 107 lm/W	108 to 109 lm/W	115 to 117 lm/W

Sleek Dots® 1000 Dynamic White			
Measures	1000 x 75 x 54 mm		
Weight	1,9 kg		
Very High Output (VHO) - 20 reflectors - 80 LEDs - 40W			
Power	20 W	20 W	40 W
Color temperatures	2700K	5000K	2700K+5000K
Lumens output	50° - 2116 lm 70° - 2139 lm	50° - 2306 lm 70° - 2331 lm	50° - 4422 lm 70° - 4470 lm
Luminaire efficiency	106 to 107 lm/W	115 to 117 lm/W	111 to 112 lm/W

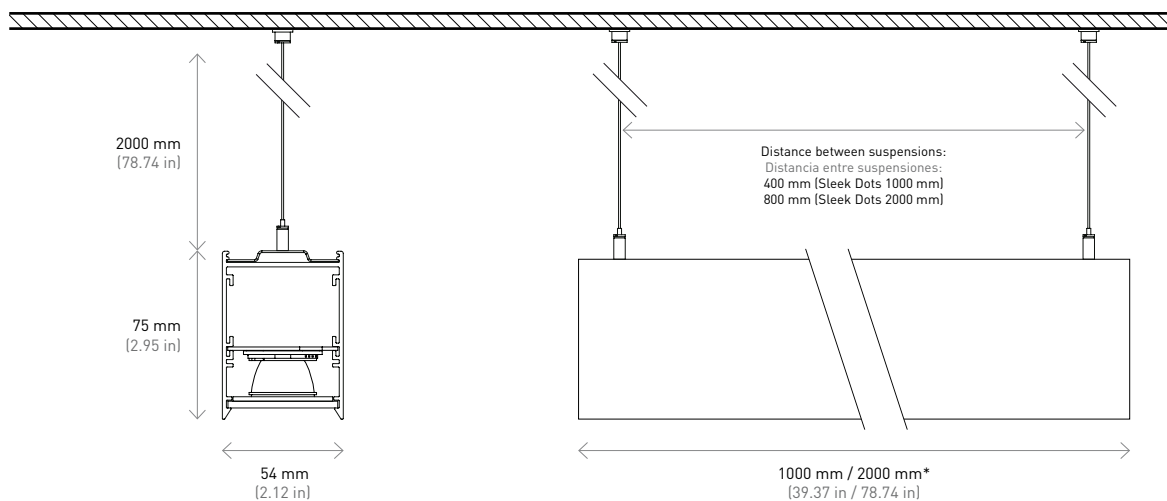
Sleek Dots® 2000 Dynamic White			
Measures	2000 x 75 x 54 mm		
Weight	3,8 kg		
Very High Output (VHO) - 40 reflectors - 160 LEDs - 80W			
Power	40 W	40 W	80 W
Color temperatures	2700K	5000K	2700K+5000K
Lumens output	50° - 4232 lm 70° - 4277 lm	50° - 4613 lm 70° - 4662 lm	50° - 8845 lm 70° - 8940 lm
Luminaire efficiency	106 to 107 lm/W	115 to 117 lm/W	111 to 112 lm/W

MEASURES MEDIDAS

Sleek Dots®
Ceiling mounted
Adosada a techo



Sleek Dots®
Pendant
Suspensión



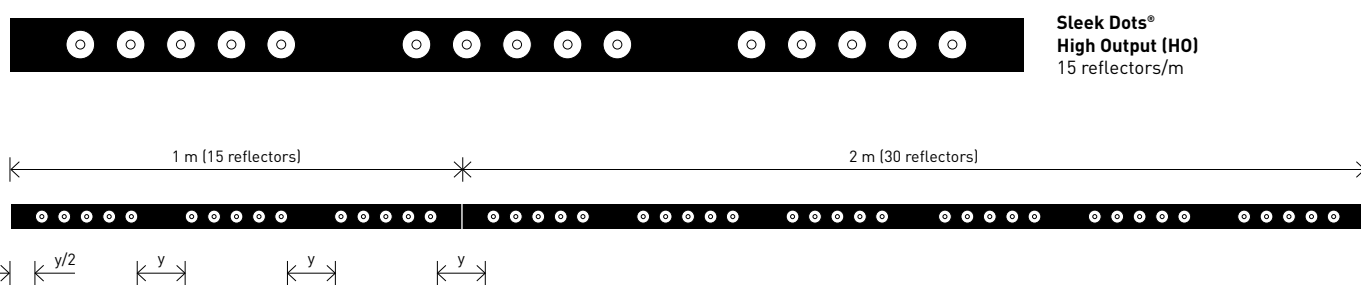
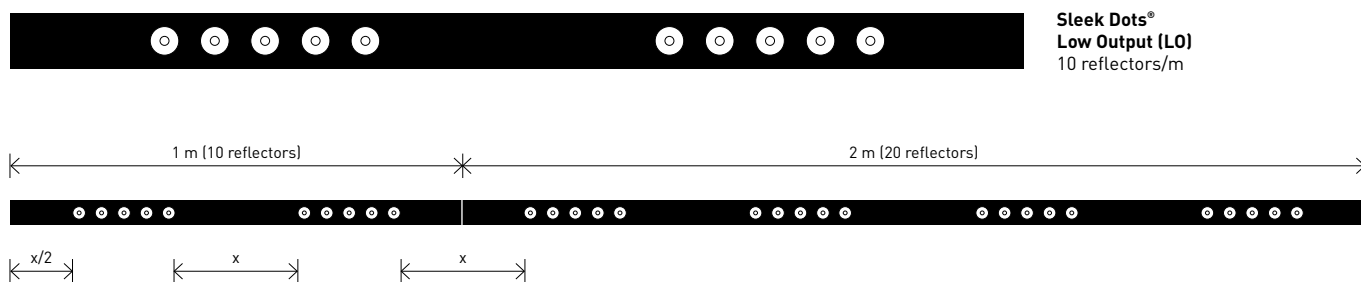
*Measures without end caps. The end cap thickness is 6 mm.
*Medidas sin tapas finales. El grosor de la tapa es de 6 mm.

FINISHES ACABADOS

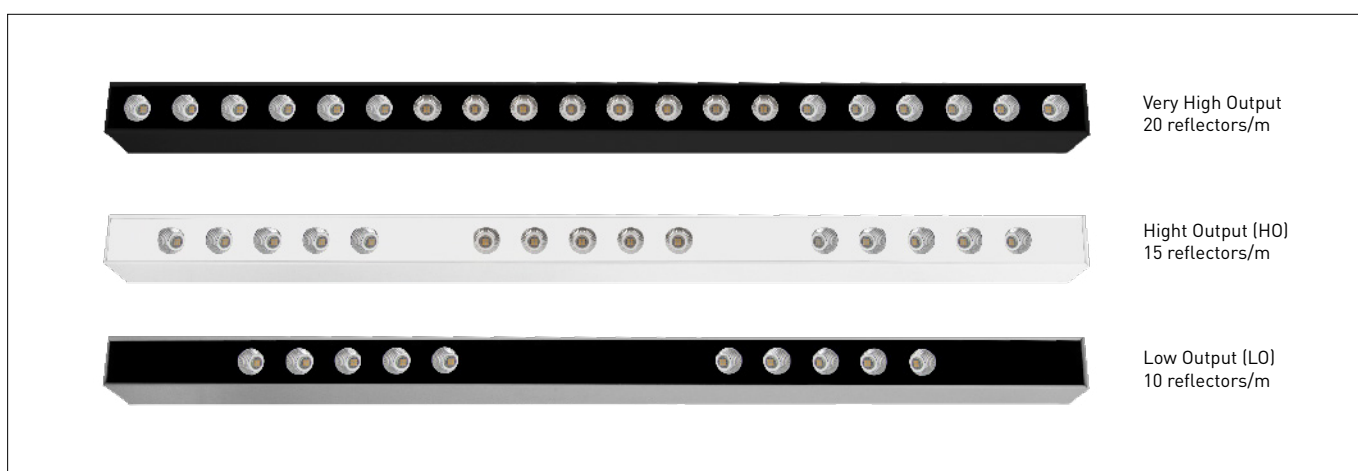
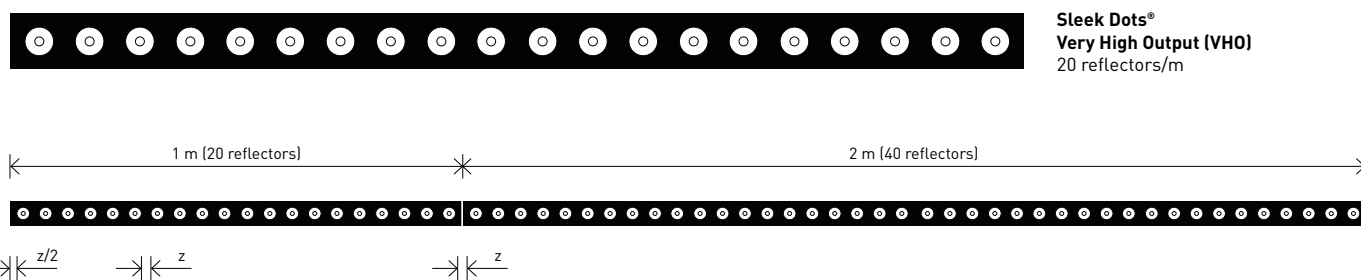
In order to satisfy all our customers, three different versions are available: white, anodized black and anodized silver.
Con el fin de satisfacer las necesidades de nuestros clientes, está disponible en tres acabados: blanco, anodizado negro y anodizado plata.



MONOCOLOR DETAILS
DETALLES MONOCOLOR



DYNAMIC WHITE DETAILS
DETALLES BLANCO DINÁMICO



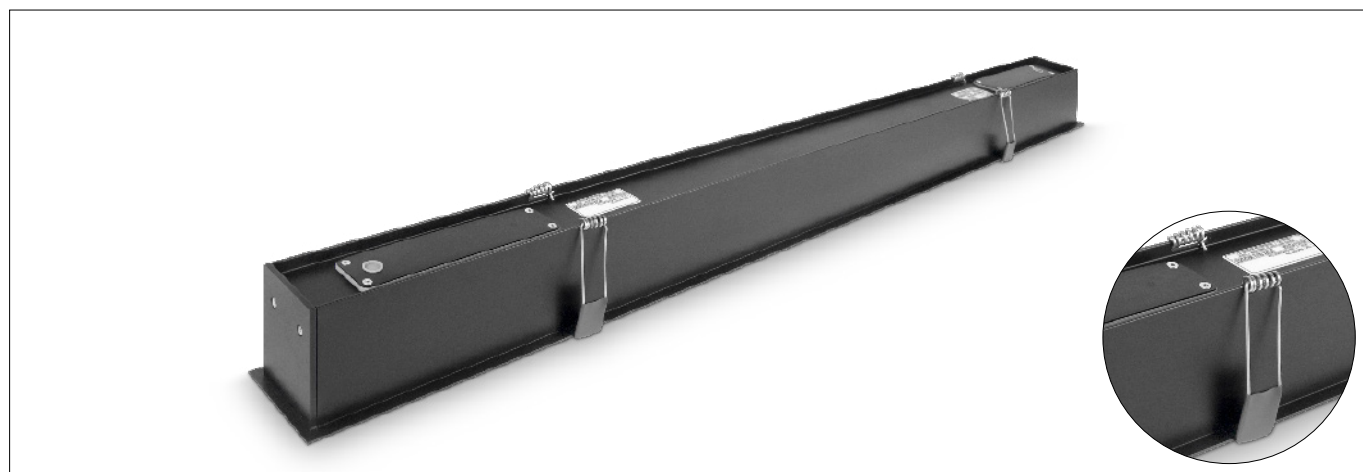
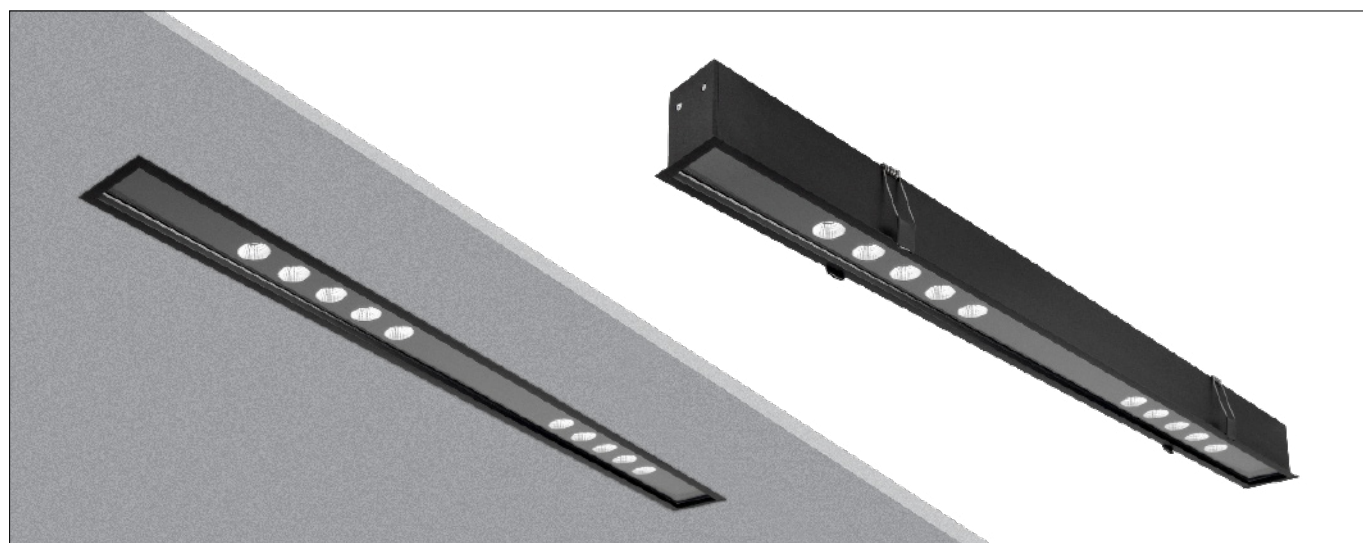
DETAILS DETALLES



Sleek Dots® Top with power and data connection cover.
Sleek Dots® Top con tapa superior para conexión eléctrica y de datos.

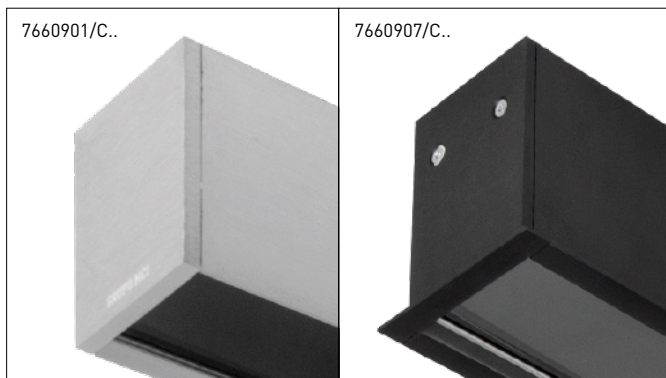


The electrical and data connections of Sleek Dots® Side are by the side.
Las conexiones eléctricas y de datos de Sleek Dots® Side se realizan por los extremos de la luminaria.



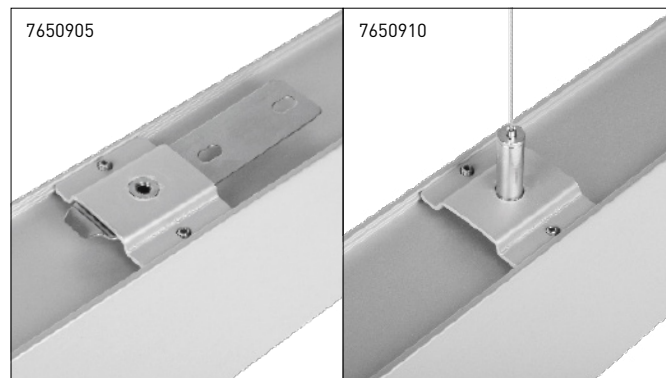
Integrated springs for an easy installation.
Muelles integrados en la luminaria para una fácil instalación.

DETAILS
DETALLES



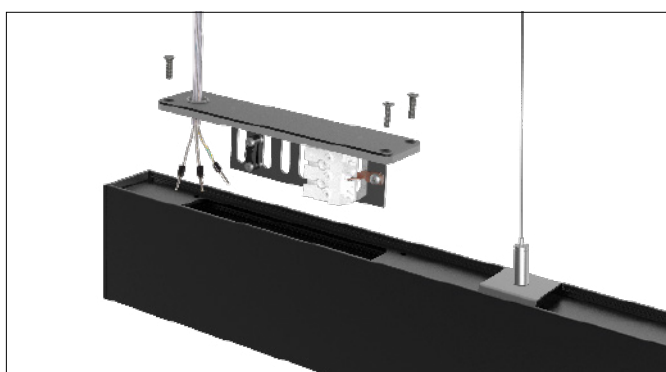
7660901/C..
Seenless screws' endcaps.
Tapas finales sin tornillos vistos.

7660907/C..
End caps with internal space to absorb
diffuser expansion.
Tapas finales con ranura interior para
absorber dilatación difusor.

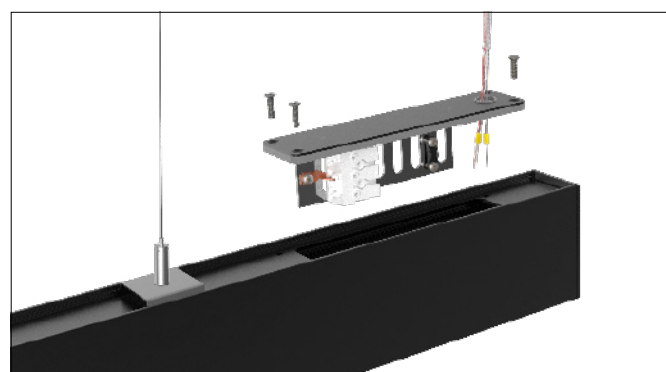


7650905
Ceiling bracket.
Soporte a techo.

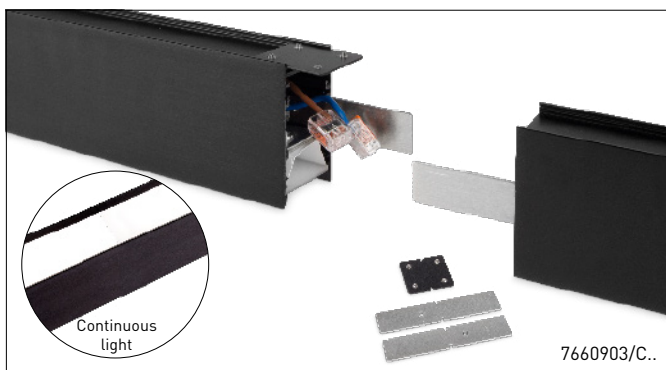
7650910
Adjustable suspension.
Suspensión regulable.



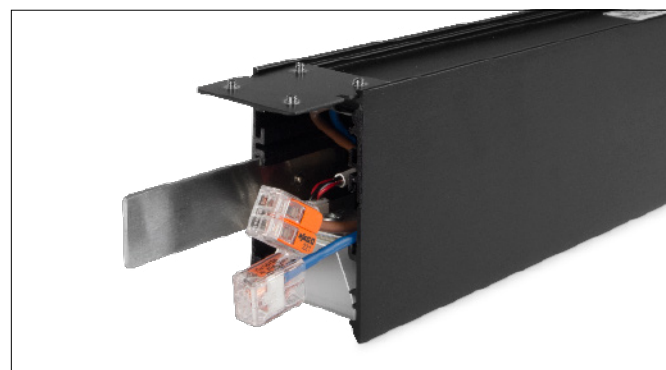
Power connection cover (230V) with molded silicone gasket.
Tapa para conexión eléctrica (230V) con junta de silicona moldeada.



Data connection cover (DALI, 1-10V and DMX) with molded silicone gasket.
Tapa para conexión de datos (DALI, 1-10V y DMX) con junta de silicona moldeada.



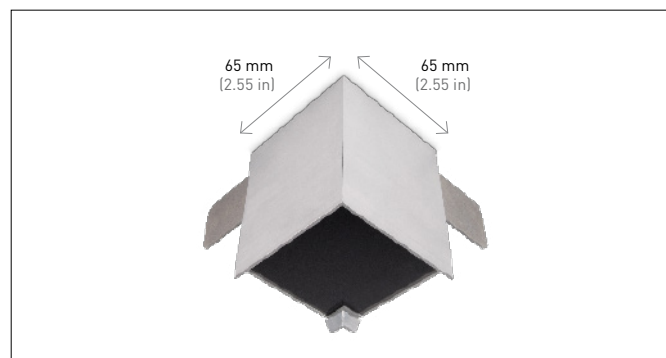
Not visible internal junction between luminaires.
Unión interna no visible entre luminarias.



Electrical connection between luminaires with Wago terminal 2-way connection.
Conexión eléctrica entre luminarias con regleta conexión Wago 2 vías.



50° and 70° reflectors availables.
Reflectores de 50° y 70° disponibles.

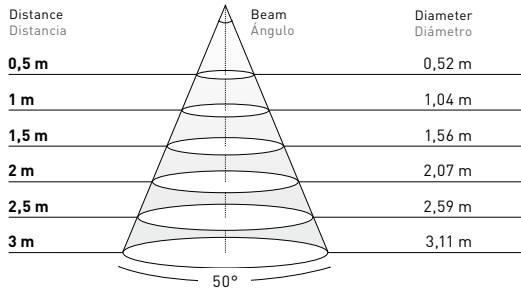


90° Elbow junction.
Unión codo 90°.

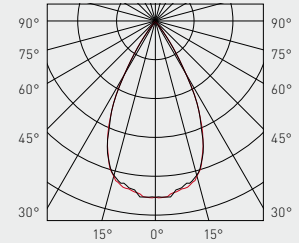
LIGHT DISTRIBUTION CURVES MONOCOLOR FOTOMETRÍAS MONOCOLOR

Sleek Dots® 1000

Low Output 50°

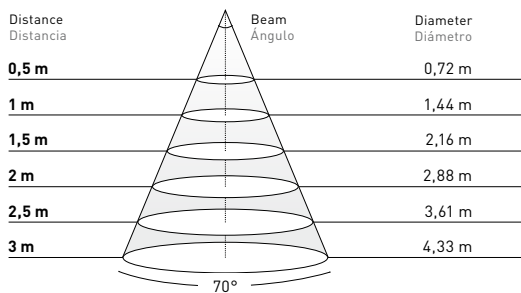


	2700K	3000K	4000K
0,5 m	12.007 lux	12.268 lux	13.052 lux
1 m	3.001 lux	3.067 lux	3.263 lux
1,5 m	1.334 lux	1.363 lux	1.450 lux
2 m	750 lux	767 lux	816 lux
2,5 m	480 lux	490 lux	522 lux
3 m	334 lux	341 lux	363 lux

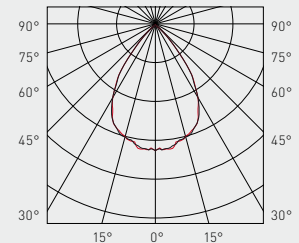


Sleek Dots® 1000

Low Output 70°

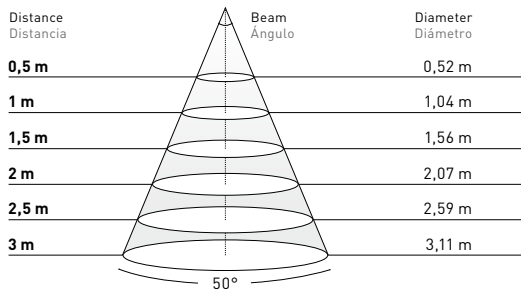


	2700K	3000K	4000K
0,5 m	7.600 lux	7.765 lux	8.261 lux
1 m	1.899 lux	1.941 lux	2.065 lux
1,5 m	844 lux	863 lux	918 lux
2 m	474 lux	485 lux	516 lux
2,5 m	303 lux	310 lux	330 lux
3 m	210 lux	215 lux	229 lux

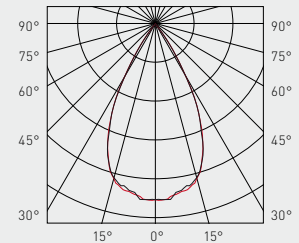


Sleek Dots® 1000

High Output 50°

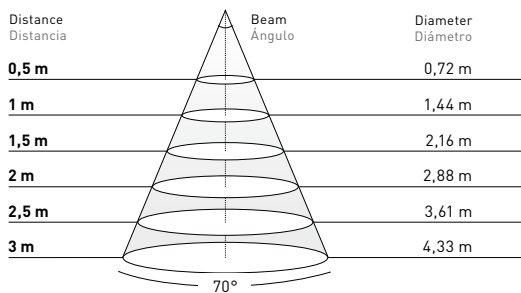


	2700K	3000K	4000K
0,5 m	18.011 lux	18.403 lux	19.578 lux
1 m	4.502 lux	4.600 lux	4.894 lux
1,5 m	2.001 lux	2.044 lux	2.175 lux
2 m	1.126 lux	1.150 lux	1.224 lux
2,5 m	720 lux	736 lux	783 lux
3 m	500 lux	511 lux	544 lux

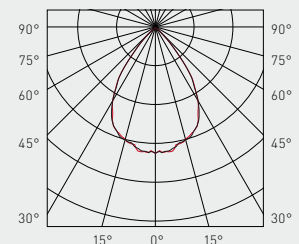


Sleek Dots® 1000

High Output 70°



	2700K	3000K	4000K
0,5 m	11.400 lux	11.648 lux	12.392 lux
1 m	2.850 lux	2.912 lux	3.098 lux
1,5 m	1.266 lux	1.294 lux	1.377 lux
2 m	713 lux	728 lux	775 lux
2,5 m	456 lux	466 lux	496 lux
3 m	500 lux	511 lux	344 lux



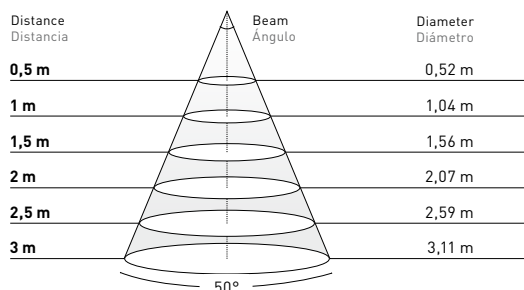
Data calculated with Sleek Dots® Monocolor (1 m).
Lumen measurement complies with UNE-EN 13032 / IES LM-79-08 testing procedures.
Light distribution curves are available at www.grupo-mci.com.
Due to continuous improvements and innovations, specifications may change without notice.

Datos calculados con Sleek Dots® Monocolor (1 m).
Ensayado bajo las especificaciones de la norma UNE-EN 13032 / IES LM-79-08.
Fotometrías disponibles en www.grupo-mci.com.
Debido a las continuas mejoras e innovaciones, las especificaciones pueden cambiar sin previo aviso.

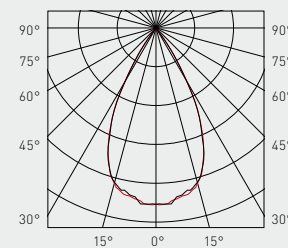


LIGHT DISTRIBUTION CURVES DYNAMIC WHITE
FOTOMETRÍAS BLANCO DINÁMICO

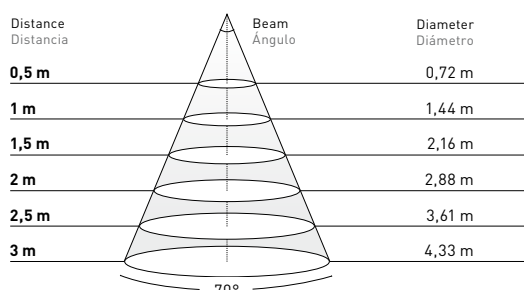
Sleek Dots® 1000 **Very High Output** **50°**



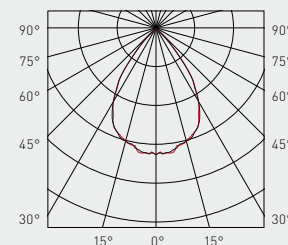
	2700K	5000K	2700K+5000K
	11.999 lux	13.052 lux	25.051 lux
	3.000 lux	3.263 lux	6.263 lux
	1.333 lux	1.450 lux	2.783 lux
	750 lux	816 lux	1.566 lux
	480 lux	522 lux	1.002 lux
	333 lux	363 lux	696 lux



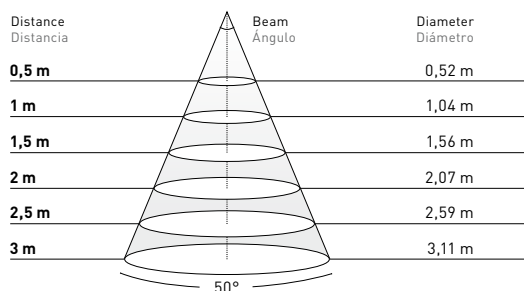
Sleek Dots® 1000 **Very High Output** **70°**



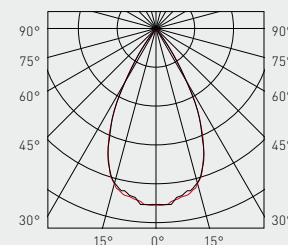
	2700K	5000K	2700K+5000K
	7.595 lux	8.261 lux	15.857 lux
	1.899 lux	2.065 lux	3.964 lux
	844 lux	916 lux	1.762 lux
	475 lux	516 lux	991 lux
	304 lux	330 lux	634 lux
	211 lux	229 lux	440 lux



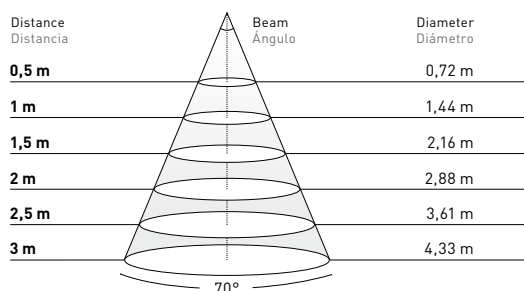
Sleek Dots® 2000 **Very High Output** **50°**



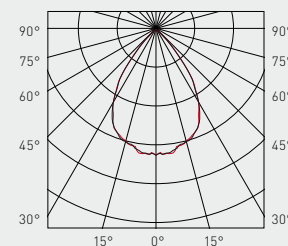
	2700K	5000K	2700K+5000K
	23.998 lux	26.103 lux	50.102 lux
	6.000 lux	6.526 lux	12.525 lux
	2.666 lux	2.900 lux	5.567 lux
	1.500 lux	1.631 lux	3.131 lux
	960 lux	1.044 lux	2.004 lux
	667 lux	725 lux	1.392 lux



Sleek Dots® 2000 **Very High Output** **70°**



	2700K	5000K	2700K+5000K
	15.190 lux	16.523 lux	31.713 lux
	3.798 lux	4.131 lux	7.928 lux
	1.688 lux	1.836 lux	3.524 lux
	949 lux	1.033 lux	1.982 lux
	608 lux	661 lux	1.269 lux
	422 lux	459 lux	881 lux

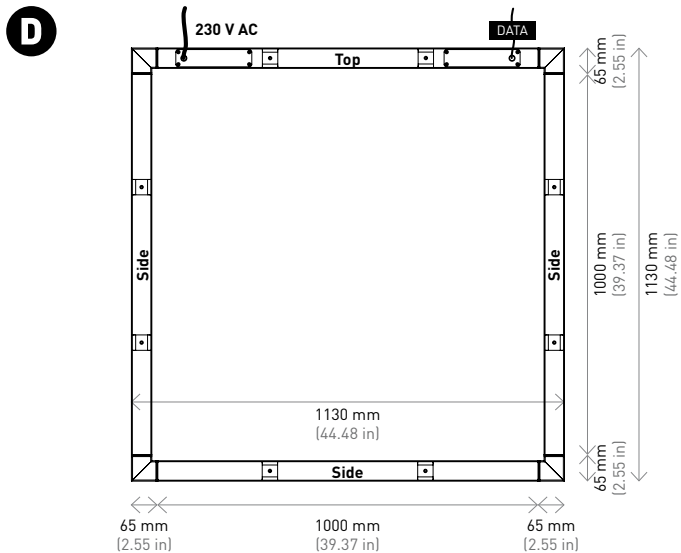
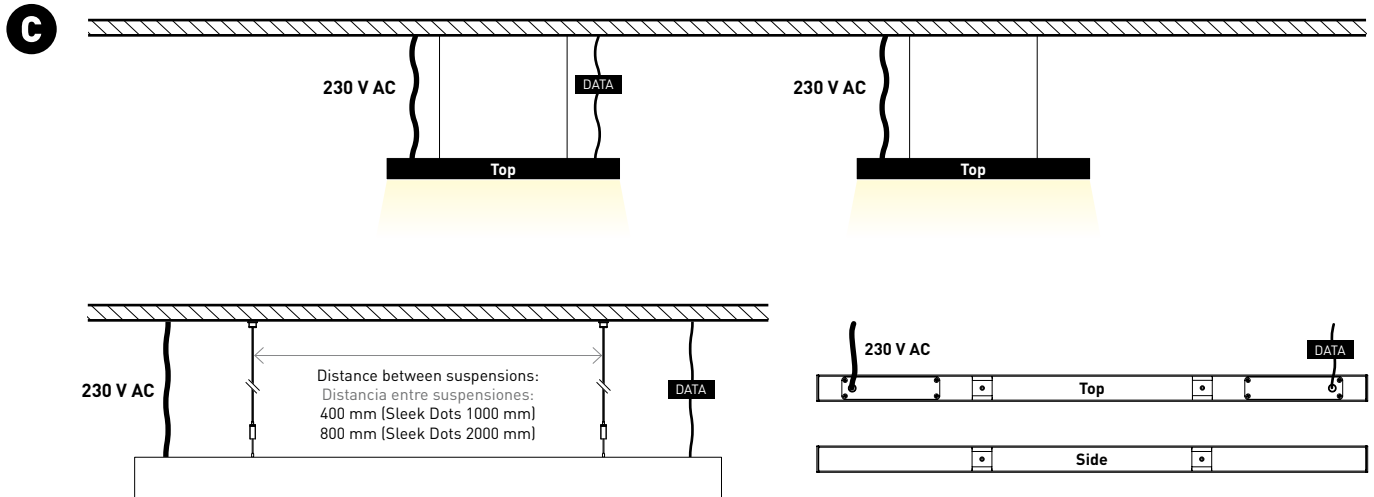
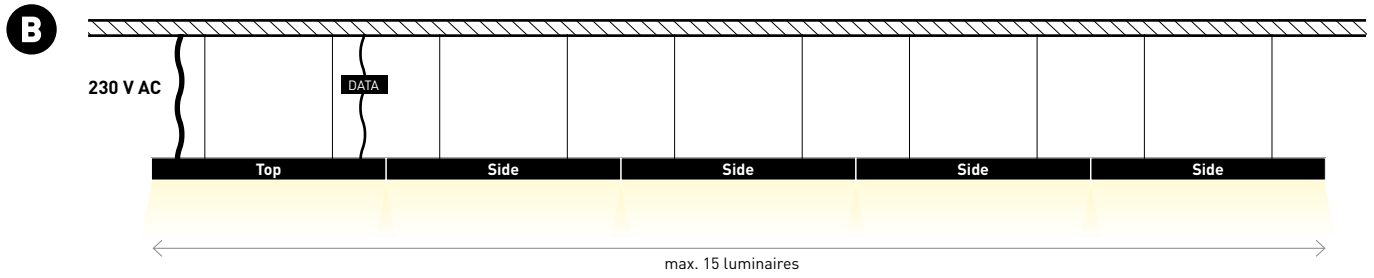
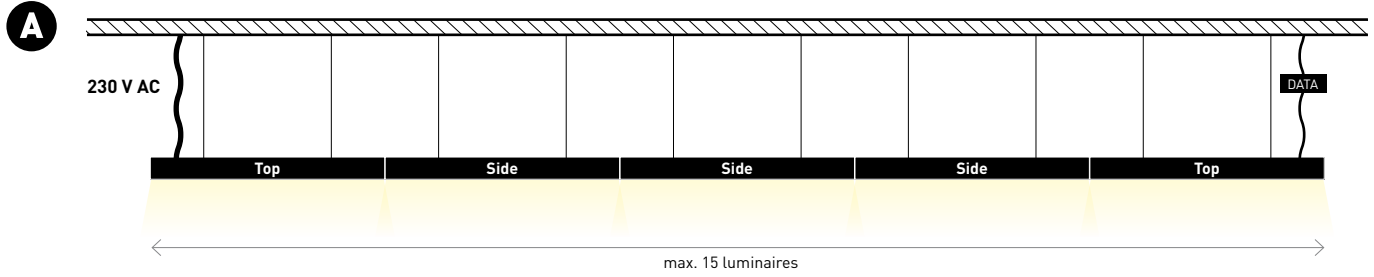


Data calculated with **Sleek Dots® Dynamic White**.
 Lumen measurement complies with **UNE-EN 13032 / IES LM-79-08** testing procedures.
 Light distribution curves are available at **www.grupo-mci.com**.
 Due to continuous improvements and innovations, specifications may change without notice.

Datos calculados con **Sleek Dots® Blanco Dinámico**.
 Ensayado bajo las especificaciones de la norma **UNE-EN 13032 / IES LM-79-08**.
 Fotometrías disponibles en **www.grupo-mci.com**.
 Debido a las continuas mejoras e innovaciones, las especificaciones pueden cambiar sin previo aviso.



230 V AC CONNECTIONS CONEXIONES 230 V AC



 To control the Sleek Dots (1-10V or DALI) via Bluetooth see page 326 (eBLUE 0-10V / DALI devices)
Para controlar las Sleek Dots (1-10V o DALI) via Bluetooth consultar página 326 (eBLUE 0-10V / DALI dispositivos)

REFERENCES
REFERENCIAS

766 0 0 0 1 /80/2K7

COLOUR COLOR

- /2K7-5K Dynamic white Blanco dinámico
- /80/4K 4000K
- /80/3K 3000K
- /80/2K7 2700K

LENGTH LONGITUD

- 1 1000 mm
- 2 2000 mm

FINISHES ACABADOS

- 0 Silver anodized Anodizado plata
- 2 Black anodized Anodizado negro
- 3 White painted Blanco pintado

VERSION VERSIÓN

- 0 LO (Low Output) / 10 reflectors/m / Top
 - 1 LO (Low Output) / 10 reflectors/m / Side
 - 2 HO (High Output) / 15 reflectors/m / Top
 - 3 HO (High Output) / 15 reflectors/m / Side
 - 4 VHO (Very High Output) / 20 reflectors/m / Top
 - 5 VHO (Very High Output) / 20 reflectors/m / Side
- for Monocolor
- for Dynamic White

TYPE MODELO

- 0 Ceiling mounted / Pendant Adosada a techo / Suspensión
- 1 Recessed Empotrar

OPTIONS
OPCIONES

The standard version is delivered with On/Off control (Monocolor) or DMX 512-A control (Dynamic White) and 70° beam angle. End caps and accessories not included.

La versión estándar se suministra con control On/Off (Monocolor) o control DMX 512-A (Blanco Dinámico) y ángulo de apertura de 70°. Tapas finales y accesorios no incluidos.

CONTROL CONTROL

- On/Off **(Standard Monocolor Version)**
- DMX 512-A **(Standard Dynamic White)**
- 1-10V
- DALI

BEAM ÁNGULO

- 50°
- 70° **(Standard)**

ACCESSORIES REFERENCES
REFERENCIAS ACCESORIOS



Ceiling Mounted & Pendant Accessories

7660901/C12	Silver End cap (2un)
7660901/C13	Black End cap (2un)
7660901/C02	White End cap (2un)
7660903/C12	Silver not visible internal junction between luminaires
7660903/C13	Black not visible internal junction between luminaires
7660903/C02	White not visible internal junction between luminaires
7660904/C12	Silver 90° Elbow
7660904/C13	Black 90° Elbow
7660904/C02	White 90° Elbow
7650905	Ceiling bracket for Sleek Dots® 1000mm (2un)
7650906	Ceiling bracket for Sleek Dots® 2000mm (3un)

Accesorios Adosada a Techo y Suspensión

Tapa final Plata (2un)	1
Tapa final Negra (2un)	
Tapa final Blanca (2un)	
Unión interna no visible Plata entre luminarias	
Unión interna no visible Negra entre luminarias	2
Unión interna no visible Blanca entre luminarias	
Codo 90° Plata	3
Codo 90° Negro	
Codo 90° Blanco	
Soporte a techo para Sleek Dots® 1000mm (2un)	4
Soporte a techo para Sleek Dots® 2000mm (3un)	

Pendant Accessories

7650910	Adjustable suspension (2m)
7650911/C02	Canopy with 2m power cable (3x1,5mm) (230V)
7650912/C02	Canopy with 2m DALI-10V cable (2x0,5mm)
7650913/C02	Canopy with 2m DMX cable

Accesorios Suspensión

Suspensión regulable (2m)	5
Florón con cable 2m (3x1,5mm) (230V)	6
Florón con cable 2m DALI-1-10V (2x0,5mm)	
Florón con cable 2m DMX	

Recessed Accessories

7660907/C12	Silver recessed end cap (2un)
7660907/C13	Black recessed end cap (2un)
7660907/C02	White recessed end cap (2un)

Accesorios Empotrar

Tapa final empotrar Plata (2un)	
Tapa final empotrar Negra (2un)	7
Tapa final empotrar Blanca (2un)	

Conservas Dani,
Barcelona, Spain





HIGH LITE®

Gen2

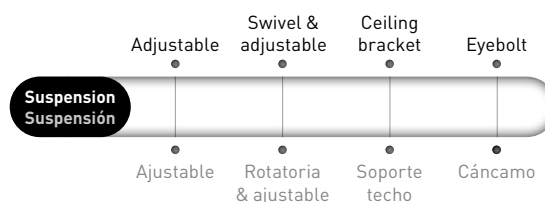
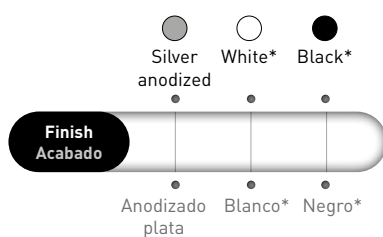
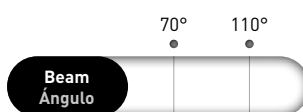
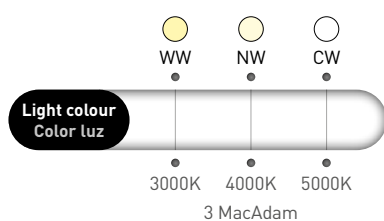
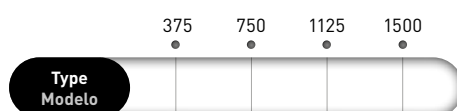
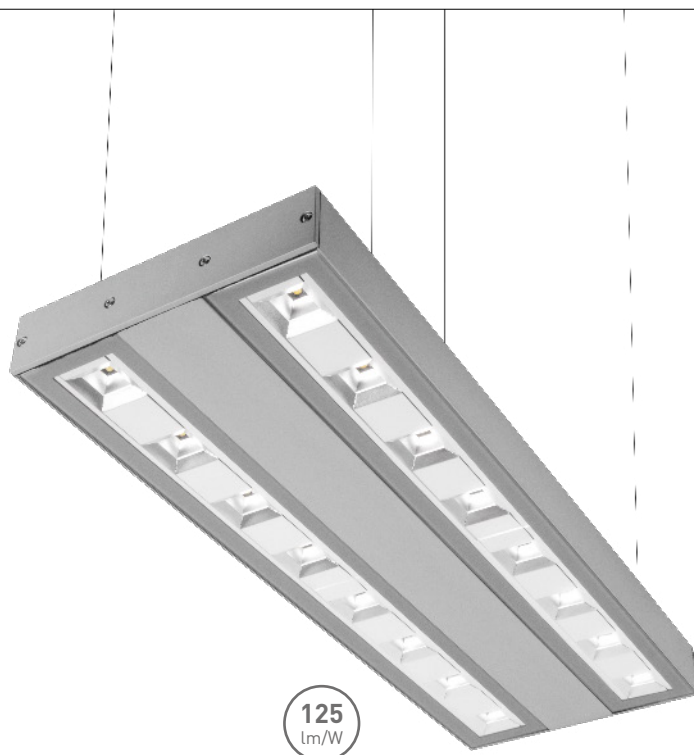


HIGH LITE®

Gen2

- Light for high ceilings
- Luminaire efficiency 125 lm/W
- 2 beam angles: 70° and 110°
- Luminous flux range from 5000 to 23000 lm
- Easy changeable driver
- Excellent uniformity
- Extra flat (55 mm) and antiglare
- Modular light fixture every 375 mm
- Thermal test certificate

- Iluminación para techos altos
- Eficiencia de la luminaria 125 lm/W
- 2 ángulos de apertura: 70° y 110°
- Flujos lumínicos desde 5000 a 23000 lm
- Fácil sustitución del driver
- Excelente uniformidad
- Extra plana (55 mm) y antideslumbrante
- Luminaria lineal modular cada 375 mm
- Test térmico certificado



*White and Black finishes under request.

*Acabados Blanco y Negro bajo pedido.

The standard version is delivered with silver anodized finish and On/Off control.

La versión estándar se suministra con acabado anodizado plata y con control On/Off.

SPECIFICATIONS
CARACTERÍSTICAS

IP66	1-10V DALI	120-277V AC		AL Housing	Security GLASS Cover	Ta min -20°C -4°F Ta max +50°C +122°F	CE
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High Lite® 1500			
Power	184 W		
Color temperatures	3000K - CRI 80	4000K - CRI 80	5000K - CRI 80
Lumens output	70° - 20.420 lm 110° - 21.632 lm	70° - 21.724 lm 110° - 23.012 lm	70° - 21.724 lm 110° - 23.012 lm
Luminaire efficiency	111 to 117 lm/W	118 to 125 lm/W	118 to 125 lm/W
Measures /Weight	1500 x 260 x 55 mm / 11,7 kg		

High Lite® 1125			
Power	138 W		
Color temperatures	3000K - CRI 80	4000K - CRI 80	5000K - CRI 80
Lumens output	70° - 15.315 lm 110° - 16.224 lm	70° - 16.293 lm 110° - 17.259 lm	70° - 16.293 lm 110° - 17.259 lm
Luminaire efficiency	111 to 117 lm/W	118 to 125 lm/W	118 to 125 lm/W
Measures /Weight	1125 x 260 x 55 mm / 9,6 kg		

High Lite® 750			
Power	92 W		
Color temperatures	3000K - CRI 80	4000K - CRI 80	5000K - CRI 80
Lumens output	70° - 10.210 lm 110° - 10.816 lm	70° - 10.862 lm 110° - 11.506 lm	70° - 10.862 lm 110° - 11.506 lm
Luminaire efficiency	111 to 117 lm/W	118 to 125 lm/W	118 to 125 lm/W
Measures /Weight	750 x 260 x 55 mm / 5,9 kg		

High Lite® 375			
Power	46 W		
Color temperatures	3000K - CRI 80	4000K - CRI 80	5000K - CRI 80
Lumens output	70° - 5.105 lm 110° - 5.408 lm	70° - 5.431 lm 110° - 5.753 lm	70° - 5.431 lm 110° - 5.753 lm
Luminaire efficiency	111 to 117 lm/W	118 to 125 lm/W	118 to 125 lm/W
Measures /Weight	375 x 260 x 55 mm / 3,7 kg		



Color temperature conform to **ANSI C78.377A**.
Lumens measurement conform to **LM-79-08**.
Lumens maintenance conform to **LM-80-08**.

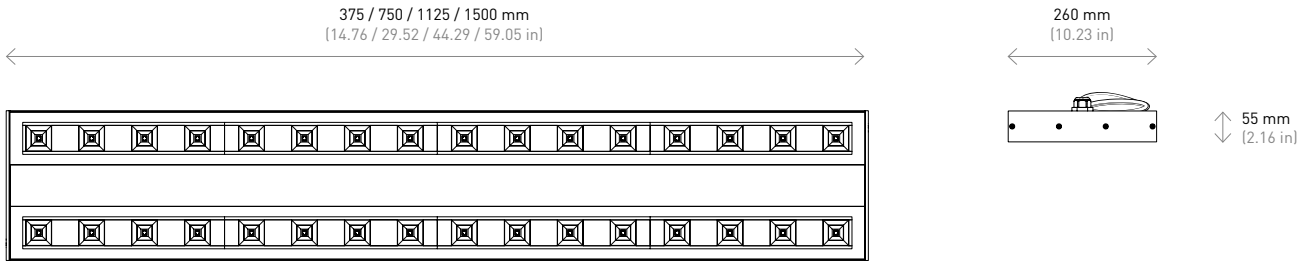
GRUPO MCI facilities,
Barcelona, Spain

Temperatura de color según normativa **ANSI C78.377A**.
Medición lumens según normativa **LM-79-08**.
Mantenimiento lumens según normativa **LM-80-08**.



EMPL,
Innsbruck, Austria

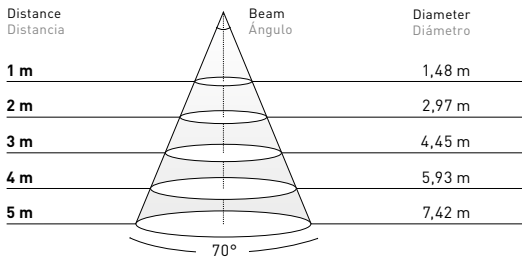
**MEASURES
MEDIDAS**



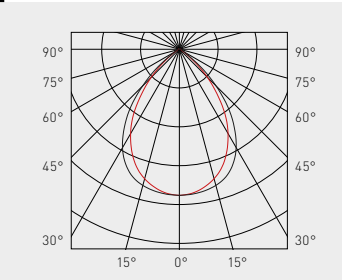
**LIGHT DISTRIBUTION CURVES
FOTOMETRÍAS**

High Lite® 375

46W 70°

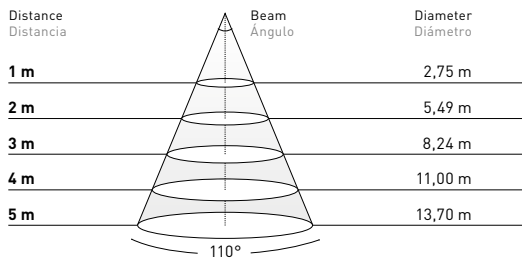


3000K	4000K	5000K
WARM WHITE BLANCO CÁLIDO	NEUTRAL WHITE BLANCO NEUTRO	COOL WHITE BLANCO FRÍO
CRI 80	CRI 80	CRI 80
3.404 lux	3.621 lux	3.621 lux
851 lux	905 lux	905 lux
378 lux	402 lux	402 lux
212 lux	226 lux	226 lux
136 lux	144 lux	144 lux

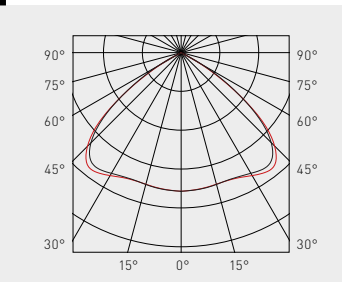


High Lite® 375

46W 110°



3000K	4000K	5000K
WARM WHITE BLANCO CÁLIDO	NEUTRAL WHITE BLANCO NEUTRO	COOL WHITE BLANCO FRÍO
CRI 80	CRI 80	CRI 80
1.916 lux	2.038 lux	2.038 lux
479 lux	510 lux	510 lux
426 lux	543 lux	543 lux
120 lux	128 lux	128 lux
76 lux	81 lux	81 lux

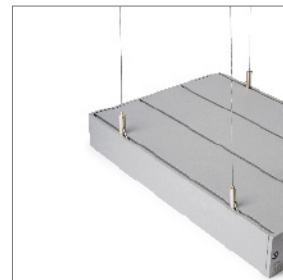
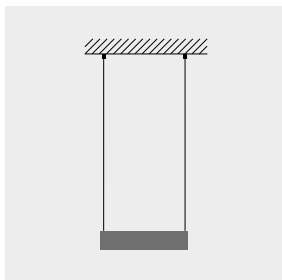


Data calculated with High Lite® with reflector.
Lumen measurement complies with UNE-EN 13032 / IES LM-79-08 testing procedures.
Light distribution curves are available at www.grupo-mci.com.
Due to continuous improvements and innovations, specifications may change without notice.

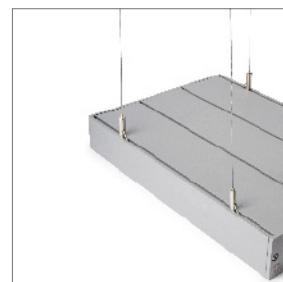
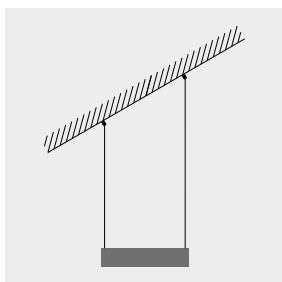
Datos calculados con High Lite® con reflector.
Ensayado bajo las especificaciones de la norma UNE-EN 13032 / IES LM-79-08.
Fotometrías disponibles en www.grupo-mci.com.
Debido a las continuas mejoras e innovaciones, las especificaciones pueden cambiar sin previo aviso.

ACCESSORIES
ACCESORIOS

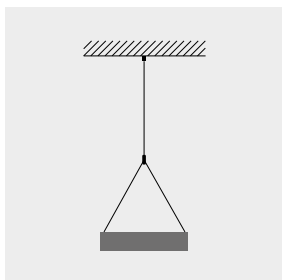
Adjustable suspension
Suspensión ajustable



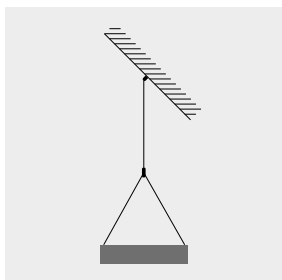
Swivel & adjustable suspension
Suspensión rotatoria y ajustable



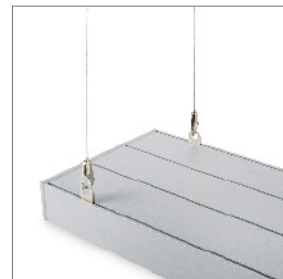
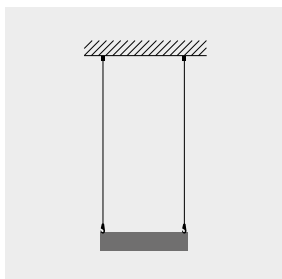
Adjustable "Y" suspension
Suspensión "Y" ajustable



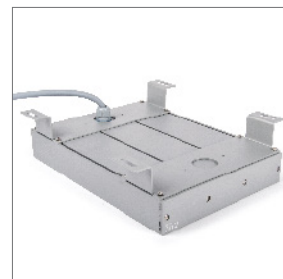
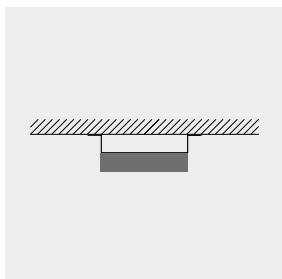
Swivel & adjustable "Y" suspension
Suspensión "Y" rotatoria y ajustable



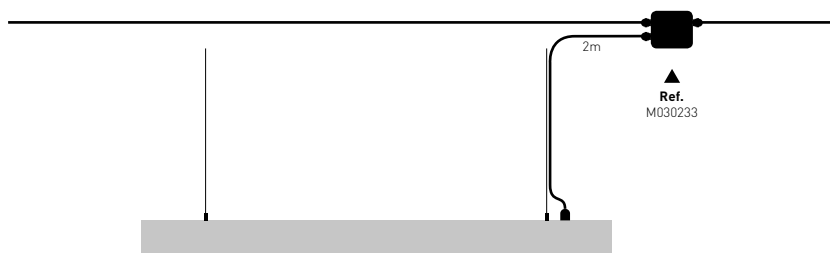
Eyebolt
Cáncamo



Ceiling bracket
Soporte de techo



CONNECTIONS
CONEXIONES

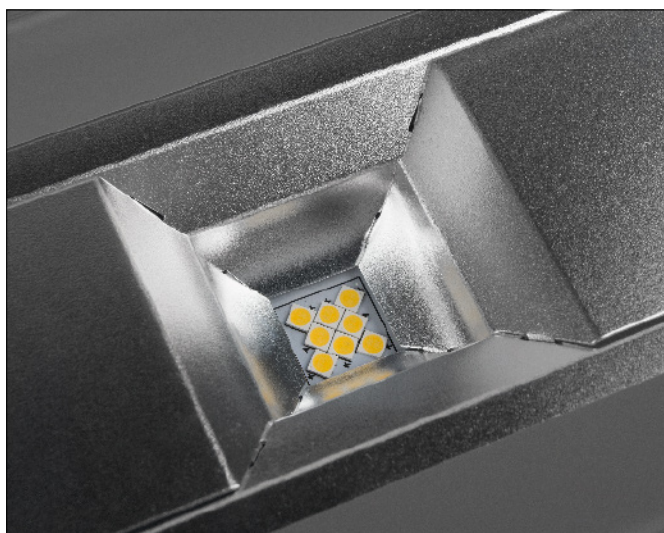


DETAILS
DETALLES

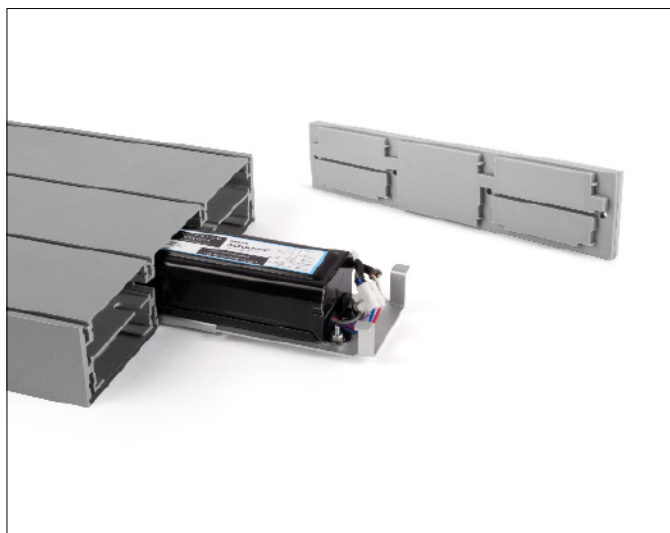


High Lite® with reflector.
High Lite® con reflector.

(Engineering by Bartenbach)



High Lite® with mid power LEDs.
High Lite® con LEDs de media potencia.



Easy changeable drivers. Molded silicone gasket guarantees IP66.
Fácil sustitución de drivers. Junta de silicona moldeada que garantiza un IP66.



2m wire.
Cable de 2m.

REFERENCES
REFERENCIAS

7542 0 0 1 /80/3K

COLOR COLOR

/80/3K 3000K
/80/4K 4000K
/80/5K 5000K

LENGTH LONGITUD

1 375 mm
2 750 mm
3 1125 mm
4 1500 mm

BEAM ÁNGULO

0 70° Reflector
1 110° Reflector

OPTIONS
OPCIONES

The standard version is delivered with:
silver anodized finish and On-Off control.

La versión estándar se suministra con:
acabado anodizado plata y con control On-Off.

CONTROL CONTROL

On-Off **(Standard)**
1 - 10 V
DALI

ACCESSORIES REFERENCES
REFERENCIAS ACCESORIOS

1



2



3



4



5



6



7



7541901	Adjustable suspension (2m/4u.)	Suspensión regulable (2 m./4u.)	1
7541902	Swivel and adjustable suspension (2m/4u.)	Suspensión rotatoria y regulable (2 m./4u.)	2
7541904	Adjustable "Y" suspension (2m/2u.)	Suspensión "Y" regulable (2 m./2u.)	3
7541905	Swivel and adjustable "Y" suspension (2m/2u.)	Suspensión "Y" rotatoria y regulable (2 m./2u.)	4
7541910/C12	Ceiling bracket (2u.)	Soporte techo (2u.)	5
7541906	Eyebolt (2m/4u.)	Cáncamo (2 m./4u.)	6
M030233	Derivation box	Caja derivación	7
M030235	5 way terminal block	Regleta 5 vías	

Palais des Festivals,
Cannes, France



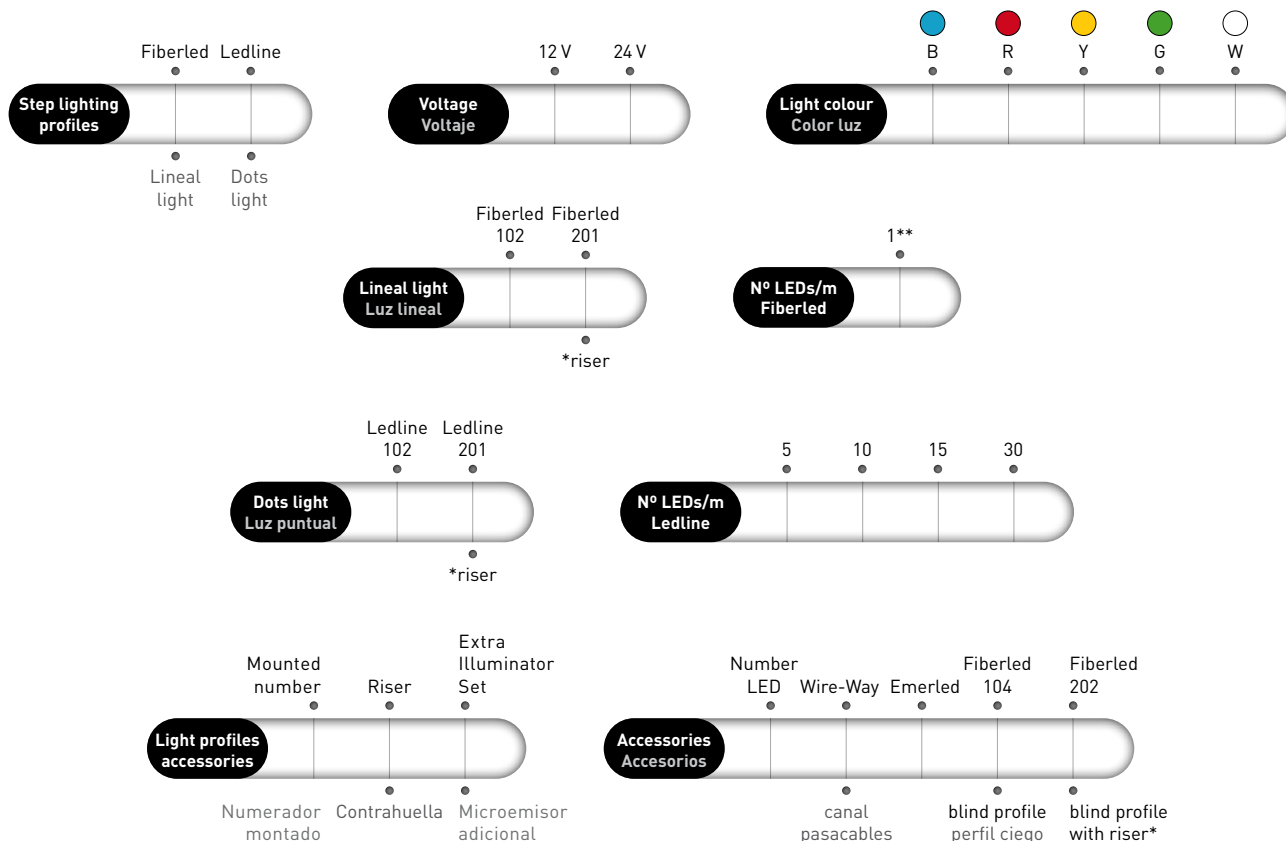


STEP&AISLES PROFILES



STEP PROFILES

- Step lighting profiles
 - Lineal light, dots light and riser illumination types
 - 12V and 24V types
 - Available standard model or ADA compliant
 - Black anodized profile with anti-slip polymer
 - Ready made profiles or in components
 - Accessories: blind profiles, emergency lighting power supply and aisle number plate
 - Applications: cinemas, theaters, auditoriums, etc.
- Perfiles para iluminación de escalones
 - Modelos con iluminación lineal, por puntos y contrahuella
 - Modelos 12V y 24V
 - Disponible en modelo estándar o según norma ADA
 - Perfil de aluminio anodizado negro con goma antideslizante
 - Perfiles montados a medida o por componentes
 - Accesorios: perfiles ciegos, fuente alimentación emergencia y numerador de pasillos
 - Aplicaciones: cines, teatros, auditorios, etc.

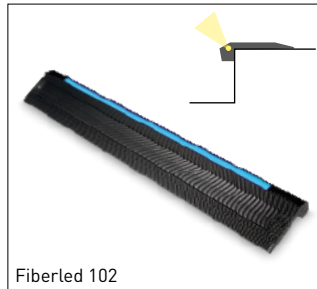


* Optional riser illumination (2, 4 or 8 LEDs/m). Iluminación de contrahuella opcional (2, 4 or 8 LEDs/m).
 ** 2 LEDs recommended for profiles longer than 120 cm. 2 LEDs recomendados para perfiles de más de 120 cm.

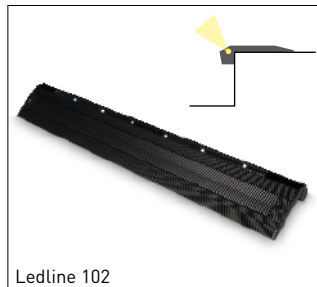
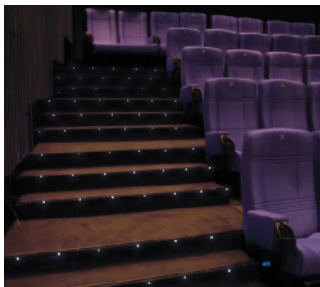
SPECIFICATIONS CARACTERÍSTICAS

IP20	12V DC 24V DC		AL Housing	ADA Compliant		
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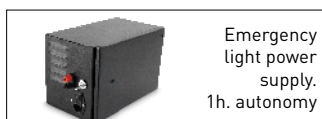
FIBERLED												
	Application	Measures (mm)	Weight (kg/m)	Nº of LEDs / m	W/m		Light colour					Optional riser Opción contrahuella
					12V	24V						
Fiberled 102	step escalón	73,6 x 22	0,89	1	0,25	0,5	x	x	x	x	x	-
Fiberled 201	step escalón	73,6 x 40	1,16	1	0,25	0,5	x	x	x	x	x	2, 4 or 8 LEDs/m



LEDLINE															
	Application	Measures (mm)	Weight (kg/m)	Nº of LEDs / m	W/m		Light colour					Optional riser Opción contrahuella			
					12V	24V									
Ledline 102	step escalón	73,6 x 22	0,89	5	10	15	30	Consult	Consult	x	x	x	x	x	-
Ledline 201	step escalón	73,6 x 40	1,16	5	10	15	30	Consult	Consult	x	x	x	x	x	2, 4 or 8 LEDs/m

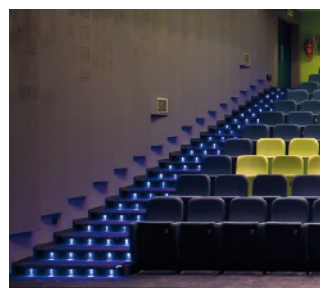
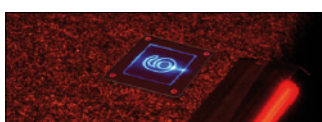


ACCESSORIES													
	Application	Measures (mm)	Weight (kg/m)	Material	Nº of LEDs	W/m		Light colour					Optional riser Opción contrahuella
						12V	24V						
Numbered 70	floor suelo	70 x 70 x 5	0,08	PVC	1	0,25	0,5	x	x	x	x	x	-
Numbered 110	floor suelo	110 x 110 x 5	0,09	PVC	1	0,25	0,5	x	x	x	x	x	-
Fiberled 104	step escalón	73,6 x 22	0,89	Aluminium	-	-	-	-	-	-	-	-	-
Fiberled 202	step escalón	73,6 x 40	1,16	Aluminium	-	-	-	x	x	x	x	x	2, 4 or 8 LEDs/m
Wire-Way	step escalón	57 x 13	0,03	PVC	-	-	-	-	-	-	-	-	-



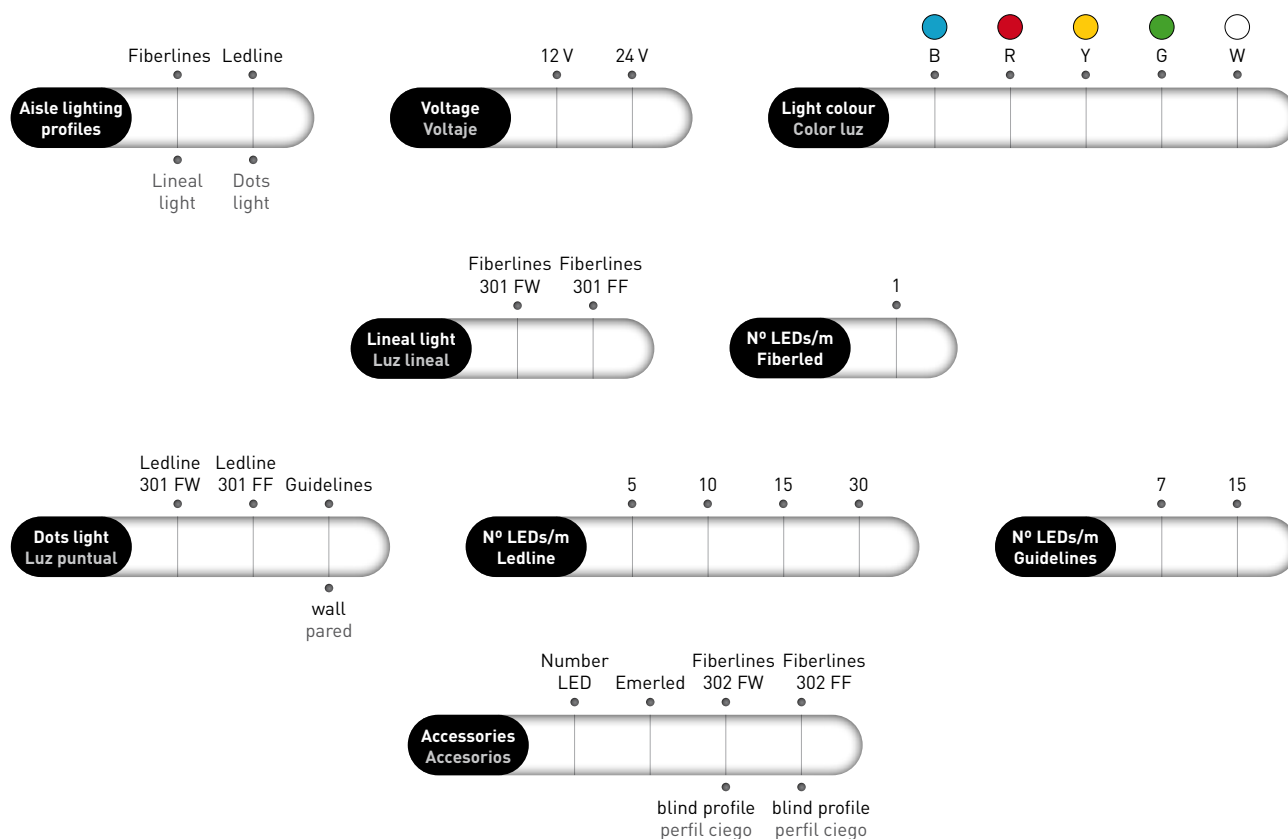
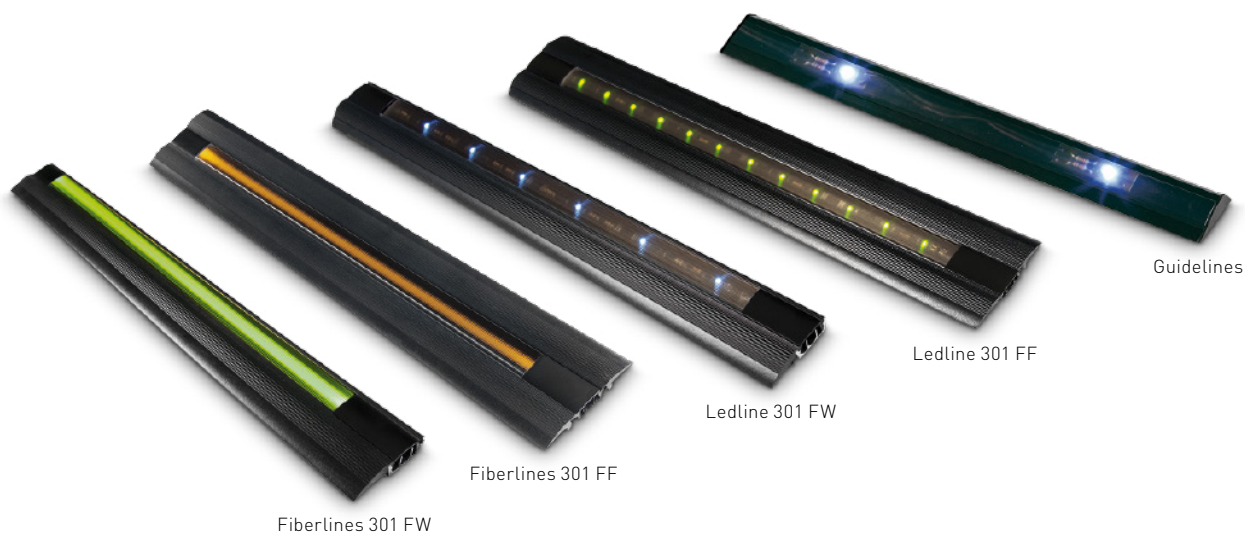
Emerled

More info p.305



AISLES PROFILES

- Aisle lighting profiles
 - Lineal light and dots light types
 - 12V and 24V types
 - Black anodized profile with anti-slip polymer
 - Ready made profiles or in components
 - Accessories: blind profiles, emergency lighting power supply and aisle number plate
 - Applications: cinemas, theaters, auditoriums, etc.
- Perfiles para iluminación de pasillos
 - Modelos con iluminación lineal y por puntos
 - Modelos 12V y 24V
 - Perfil de aluminio anodizado negro con goma antideslizante
 - Perfiles montados a medida o por componentes
 - Accesorios: perfiles ciegos, fuente alimentación emergencia y numerador de pasillos
 - Aplicaciones: cines, teatros, auditorios, etc.

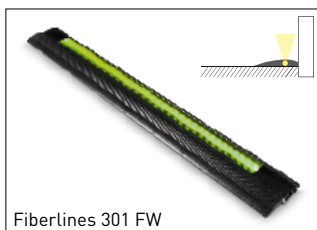
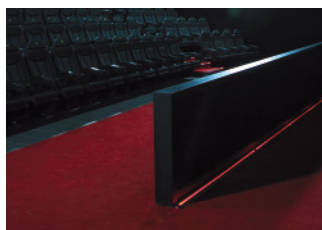


SPECIFICATIONS CARACTERÍSTICAS

IP20	12V DC 24V DC		AL Housing	ADA Compliant		
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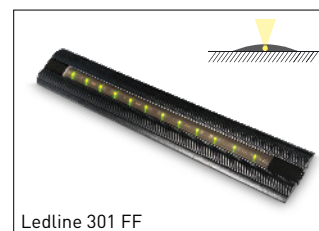
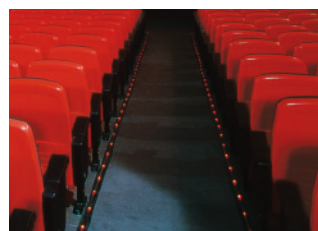
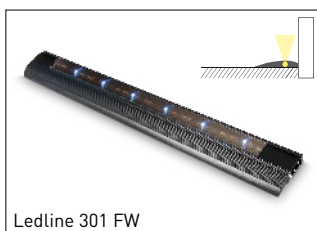
FIBERLINES

	Application	Measures (mm)	Weight (kg/m)	Nº of LEDs / m	W/m		Light colour				
					12V	24V					
Fiberlines 301 FW	floor/wall suelo/pared	50,7 x 12,8	0,54	1	0,25	0,5	x	x	x	x	x
Fiberlines 301 FF	floor/floor suelo/suelo	75,3 x 12,8	0,73	1	0,25	0,5	x	x	x	x	x



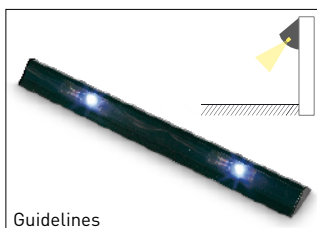
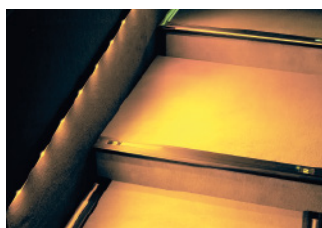
LEDLINE

	Application	Measures (mm)	Weight (kg/m)	Nº of LEDs / m				W/m		Light colour				
				5	10	15	30	12V	24V					
Ledline 301 FW	floor/wall suelo/pared	50,7 x 12,8	0,54	5	10	15	30	Consult	Consult	x	x	x	x	x
Ledline 301 FF	floor/floor suelo/suelo	75,3 x 12,8	0,73	5	10	15	30	Consult	Consult	x	x	x	x	x



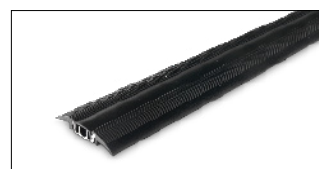
GUIDELINES

	Application	Measures (mm)	Weight (kg/m)	Nº of LEDs / m		W/m		Light colour				
				7	15	12V	24V					
Guidelines	wall pared	27 x 18,5	0,19	7	15	Consult	Consult	x	x	x	x	x



ACCESSORIES

	Application	Measures (mm)	Weight (kg/m)	Material	Nº of LEDs	W/m		Light colour				
						12V	24V					
Numberled 70	floor suelo	70 x 70 x 5	0,08	PVC	1	0,25	0,5	x	x	x	x	x
Numberled 110	floor suelo	110 x 110 x 5	0,09	PVC	1	0,25	0,5	x	x	x	x	x
Fiberlines 302 FW	floor/wall suelo/pared	50,7 x 12,8	0,88	Aluminium	-	-	-	-	-	-	-	-
Fiberlines 302 FF	floor/floor suelo/suelo	81,8 x 12,8	0,88	Aluminium	-	-	-	-	-	-	-	-

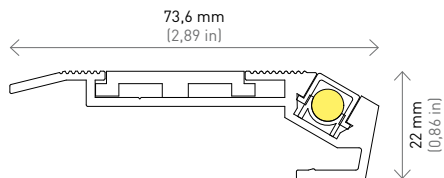


STEP PROFILES

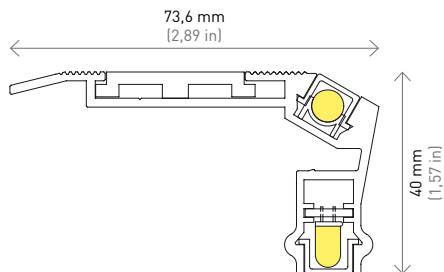
MEASURES STEP LIGHTING PROFILES MEDIDAS PERFILES PARA ESCALÓN

FIBERLED

Fiberled 102

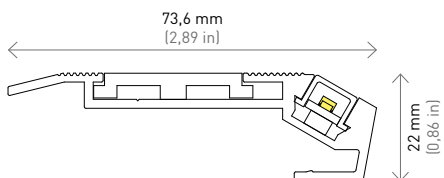


Fiberled 201

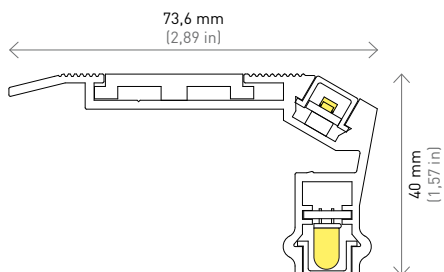


LEDLINE

Ledline 102

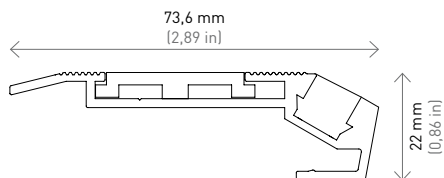


Ledline 201

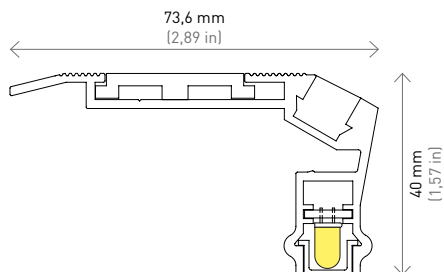


ACCESORIES

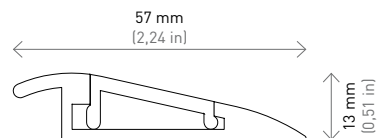
Fiberled 104



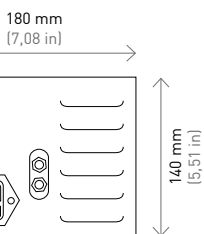
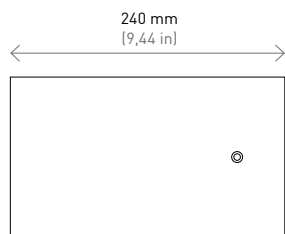
Fiberled 202



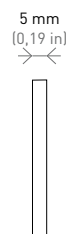
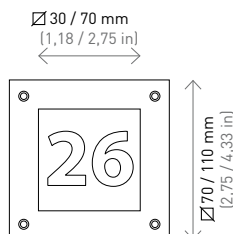
Wire-Way



Emerled



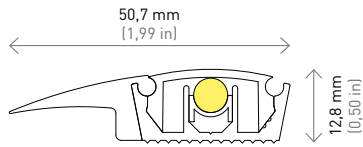
Numberled



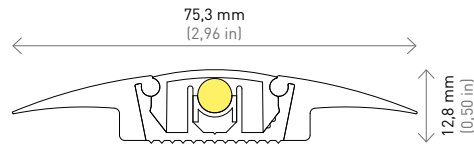
MEASURES AISLE LIGHTING PROFILES MEDIDAS PERFILES PARA PASILLOS

FIBERLINES

Fiberlines 301 FW

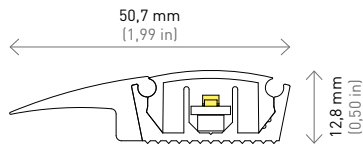


Fiberlines 301 FF

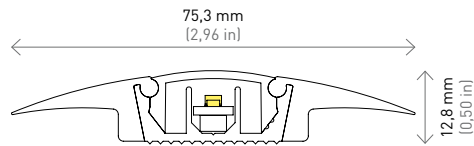


LEDLINE

Ledline 301 FW

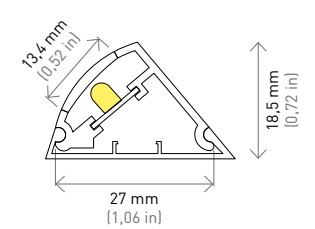


Ledline 301 FF



GUIDELINES

Guidelines

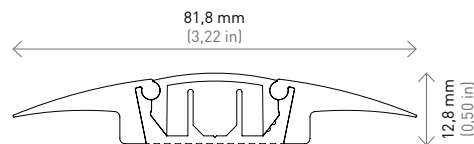


ACCESORIES

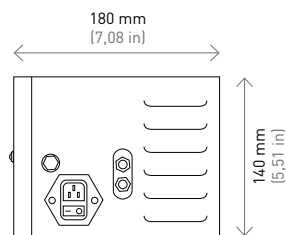
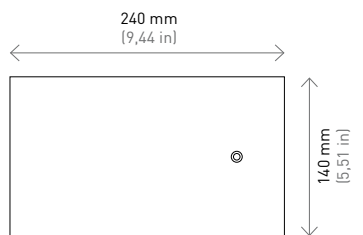
Fiberlines 302 FW



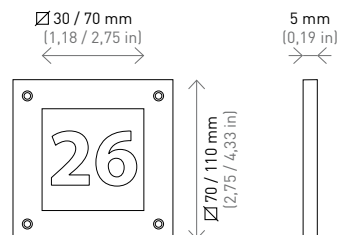
Fiberlines 302 FF



Emerled

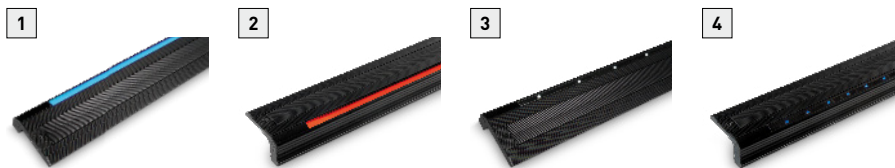


Numbered



STEP PROFILES

COMPLETE READY SYSTEM - REFERENCES SISTEMA COMPLETO - REFERENCIAS



Fiberled 102	12V	Standard		Black anodized profile with anti-slip polymer (1m) Perfil anodizado en negro con goma antideslizante (1m)	7020200/C..	1
	24V	Standard			7020210/C..	
	12V	ADA compliant	Norma ADA		7020201/C..	
	24V	ADA compliant	Norma ADA		7020211/C..	

Fiberled 201	12V	Standard		Black anodized profile with anti-slip polymer (1m) *Option: riser illumination Perfil anodizado en negro con goma antideslizante (1m) *Opción: iluminación de contrahuella	7020500/C..	2
	24V	Standard			7020510/C..	
	12V	ADA compliant	Norma ADA		7020501/C..	
	24V	ADA compliant	Norma ADA		7020511/C..	

Ledline 102	12V	Standard	5 LEDs	Black anodized profile with anti-slip polymer and electronic module (1m) Perfil anodizado en negro con goma antideslizante y módulo electrónico (1m)	7090200/C..	3	
	12V	Standard	10 LEDs		7090201/C..		
	12V	Standard	15 LEDs		7090202/C..		
	12V	Standard	30 LEDs		7090203/C..		
	24V	Standard	5 LEDs		7090220/C..		
	24V	Standard	10 LEDs		7090221/C..		
	24V	Standard	15 LEDs		7090222/C..		
	24V	Standard	30 LEDs		7090223/C..		
	12V	ADA compliant	Norma ADA		5 LEDs		7090206/C..
	12V	ADA compliant	Norma ADA		10 LEDs		7090207/C..
	12V	ADA compliant	Norma ADA		15 LEDs		7090208/C..
	24V	ADA compliant	Norma ADA		5 LEDs		7090225/C..
	24V	ADA compliant	Norma ADA		10 LEDs		7090226/C..
	24V	ADA compliant	Norma ADA		15 LEDs		7090227/C..
	24V	ADA compliant	Norma ADA		30 LEDs		7090228/C..

Ledline 201	12V	Standard	5 LEDs	Black anodized profile with anti-slip polymer, and electronic module (1m) *Option: riser illumination Perfil anodizado en negro con goma antideslizante, y módulo electrónico (1m) *Opción: iluminación de contrahuella	7090300/C..	4	
	12V	Standard	10 LEDs		7090301/C..		
	12V	Standard	15 LEDs		7090302/C..		
	12V	Standard	30 LEDs		7090303/C..		
	24V	Standard	5 LEDs		7090320/C..		
	24V	Standard	10 LEDs		7090321/C..		
	24V	Standard	15 LEDs		7090322/C..		
	24V	Standard	30 LEDs		7090323/C..		
	12V	ADA compliant	Norma ADA		5 LEDs		7090305/C..
	12V	ADA compliant	Norma ADA		10 LEDs		7090306/C..
	12V	ADA compliant	Norma ADA		15 LEDs		7090307/C..
	12V	ADA compliant	Norma ADA		30 LEDs		7090308/C..
	24V	ADA compliant	Norma ADA		5 LEDs		7090325/C..
	24V	ADA compliant	Norma ADA		10 LEDs		7090326/C..
	24V	ADA compliant	Norma ADA		15 LEDs		7090327/C..
	24V	ADA compliant	Norma ADA		30 LEDs		7090328/C..

* The electronic module for the riser illumination must be ordered separately
* El módulo electrónico para la iluminación de la contrahuella debe pedirse por separado

Also available in silver-grey anodized
También disponible en gris-plata anodizado

Possibility to cut to needed size, max. 2m
Posibilidad de cortar a medida, máx. 2m

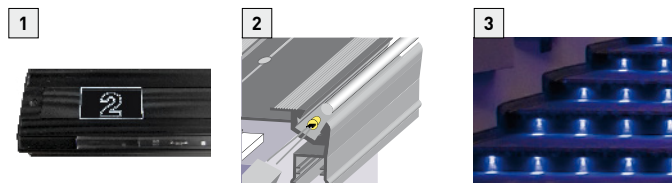
Complete reference with color number
Complete la referencia con el número del color



...09	Blue	Azul
...03	Red	Rojo
...07	Yellow	Amarillo
...08	Green	Verde
...02	White	Blanco

For more information you can consult our Safety & Decorative Lighting catalogue
Para más información puede consultar nuestro catálogo de Balizamiento de Seguridad e Iluminación Decorativa

LIGHT PROFILE ACCESSORIES REFERENCES REFERENCIAS ACCESORIOS PARA PERFIL



Fiberled 102 / 201 - Ledline 102 / 201		Fiberled 102 / 201 - Ledline 102 / 201		
8040101/C..	Mounted deep engraved number plate with miniature illuminator set 12V DC. Only up two digits or letters (1un)	Numerador fresado montado con conjunto microemisor 12V DC. Máximo 2 dígitos o letras (1un)		1
8040102/C..	Mounted deep engraved number plate with miniature illuminator set 24V DC. Only up two digits or letters (1un)	Numerador fresado montado con conjunto microemisor 24V DC. Máximo 2 dígitos o letras (1un)		
Fiberled 102 / 201		Fiberled 102 / 201		
8060101/C..	**Mounted Extra-Illuminator Set 12V DC (1un)	**Microemisor adicional montado 12V DC (1un)		2
8060102/C..	**Mounted Extra-Illuminator Set 24V DC (1un)	**Microemisor adicional montado 24V DC (1un)		
Fiberled 201 / 202 - Ledline 201		Fiberled 201 / 202 - Ledline 201		
8070201/C..	Mounted electronic module for riser - 2 LEDs/m 12V DC (1m)	Módulo electrónico montado para contrahuella - 2 LEDs/m 12V DC (1m)		3
8070202/C..	Mounted electronic module for riser - 2 LEDs/m 24V DC (1m)	Módulo electrónico montado para contrahuella - 2 LEDs/m 24V DC (1m)		
8070203/C..	Mounted electronic module for riser - 4 LEDs/m 12V DC (1m)	Módulo electrónico montado para contrahuella - 4 LEDs/m 12V DC (1m)		
8070204/C..	Mounted electronic module for riser - 4 LEDs/m 24V DC (1m)	Módulo electrónico montado para contrahuella - 4 LEDs/m 24V DC (1m)		
8070205/C..	Mounted electronic module for riser - 8 LEDs/m 12V DC (1m)	Módulo electrónico montado para contrahuella - 8 LEDs/m 12V DC (1m)		
8070206/C..	Mounted electronic module for riser - 8 LEDs/m 24V DC (1m)	Módulo electrónico montado para contrahuella - 8 LEDs/m 24V DC (1m)		

** Recommended for profiles longer than 120 cm Recomendado para perfiles de más de 120 cm

ACCESSORIES REFERENCES REFERENCIAS ACCESORIOS



8040221/C..	NUMBERLED engraved 110x110 mm - 12V DC	NUMBERLED grabado 110x110 mm - 12V DC		1
8040222/C..	NUMBERLED engraved 110x110 mm - 24V DC	NUMBERLED grabado 110x110 mm - 24V DC		
8040321/C..	NUMBERLED engraved 70x70 mm - 12V DC	NUMBERLED grabado 70x70 mm - 12V DC		
8040322/C..	NUMBERLED engraved 70x70 mm - 24V DC	NUMBERLED grabado 70x70 mm - 24V DC		
M130219/C13	WIRE-WAY Cover profile in black polymer	WIRE-WAY Perfil tapa en polímero negro		2
M130218	WIRE-WAY Semi-rigid base profile in black polymer	WIRE-WAY Perfil base semi-rígido en polímero negro		3
M130214	WIRE-WAY wide endcap right E-102	WIRE-WAY Tapa lateral derecha E-102		
M130215	WIRE-WAY wide endcap left E-102	WIRE-WAY Tapa lateral izquierda E-102		4
M130216	WIRE-WAY wide endcap right E-201	WIRE-WAY Tapa lateral derecha E-201		
M130217	WIRE-WAY wide endcap left E-201	WIRE-WAY Tapa lateral izquierda E-201		
3080205	EMERLED - 12V Emergency lighting power supply 150 W (1 h. and 1 min. autonomy)	EMERLED - Fuente de alimentación 12V para iluminación de emergencia 150W (1h. y 1 min. de autonomía)		5
3080206	EMERLED - 24V Emergency lighting power supply 150 W (1 h. and 1 min. autonomy)	EMERLED - Fuente de alimentación 24V para iluminación de emergencia 150W (1h. y 1 min. de autonomía)		
3090463	IP20 Power supply 150W 12V DC (159x97x30 mm)	Fuente alimentación 150W 12V DC IP20 (159x97x30 mm)		6
3090483	IP20 Power supply 150W 24V DC (159x97x30 mm)	Fuente alimentación 150W 24V DC IP20 (159x97x30 mm)		
7020400	FIBERLED 104 - Black anodized profile with anti-slip polymer Standard version (1m)	FIBERLED 104 - Perfil anodizado en negro con goma antideslizante Versión Standard (1m)		7
7020401	FIBERLED 104 - Black anodized profile with anti-slip polymer ADA compliant (1m)	FIBERLED 104 - Perfil anodizado en negro con goma antideslizante Norma ADA (1m)		
7020600	FIBERLED 202 - Black anodized profile with anti-slip polymer Standard version (1m)	FIBERLED 202 - Perfil anodizado en negro con goma antideslizante Versión Standard (1m)		8
7020601	FIBERLED 202 - Black anodized profile with anti-slip polymer ADA compliant (1m). *Option: riser illumination	FIBERLED 202 - Perfil anodizado en negro con goma antideslizante Norma ADA (1m). *Opción: iluminación de contrahuella		

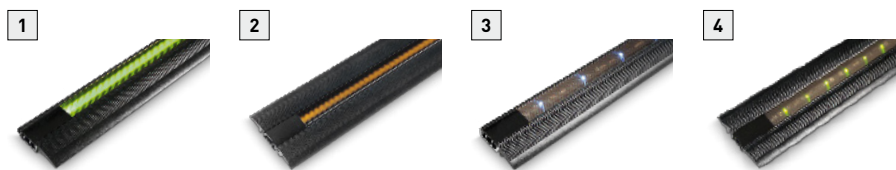
* The electronic module for the riser illumination must be ordered separately

* El módulo electrónico para la iluminación de la contrahuella debe pedirse por separado

AISLES PROFILES

* COMPLETE READY SYSTEM - REFERENCES

* SISTEMA COMPLETO - REFERENCIAS



Fiberlines 301 FW	12V	Standard		Black anodized profile with anti-slip surface (1m) For installation and finishes between one floor and one wall Perfil anodizado en negro con superficie antideslizante (1m) Para instalación y acabados entre un suelo y una pared	7030900/C..	1
	24V	Standard			7030904/C..	
Fiberlines 301 FF	12V	Standard		Black anodized profile with anti-slip surface (1m) For installation and finishes between two floors Perfil anodizado en negro con superficie antideslizante (1m) Para instalación y acabados entre dos suelos	7030700/C..	2
	24V	Standard			7030704/C..	
Ledline 301 FW	12V	Standard	5 LEDs	Black anodized profile with anti-slip surface and electronic module (1m) For installation and finishes between one floor and one wall Perfil anodizado en negro con superficie antideslizante y módulo electrónico (1m) Para instalación y acabados entre un suelo y una pared	7090700/C..	3
	12V	Standard	10 LEDs		7090701/C..	
	12V	Standard	15 LEDs		7090702/C..	
	12V	Standard	30 LEDs		7090703/C..	
	24V	Standard	5 LEDs		7090705/C..	
	24V	Standard	10 LEDs		7090706/C..	
	24V	Standard	15 LEDs		7090707/C..	
	24V	Standard	30 LEDs		7090708/C..	
Ledline 301 FF	12V	Standard	5 LEDs	Black anodized profile with anti-slip surface and electronic module (1m) For installation and finishes between two floors Perfil anodizado en negro con superficie antideslizante y módulo electrónico (1m) Para instalación y acabados entre dos suelos	7090600/C..	4
	12V	Standard	10 LEDs		7090601/C..	
	12V	Standard	15 LEDs		7090602/C..	
	12V	Standard	30 LEDs		7090603/C..	
	24V	Standard	5 LEDs		7090605/C..	
	24V	Standard	10 LEDs		7090606/C..	
	24V	Standard	15 LEDs		7090607/C..	
	24V	Standard	30 LEDs		7090608/C..	

* In addition to the complete system, you must order end-caps separately

* En el sistema completo deben pedirse las tapas finales aparte

Also available in silver-grey anodized

También disponible en gris-plata anodizado

Possibility to cut to needed size, max. 2m

Posibilidad de cortar a medida, máx. 2m

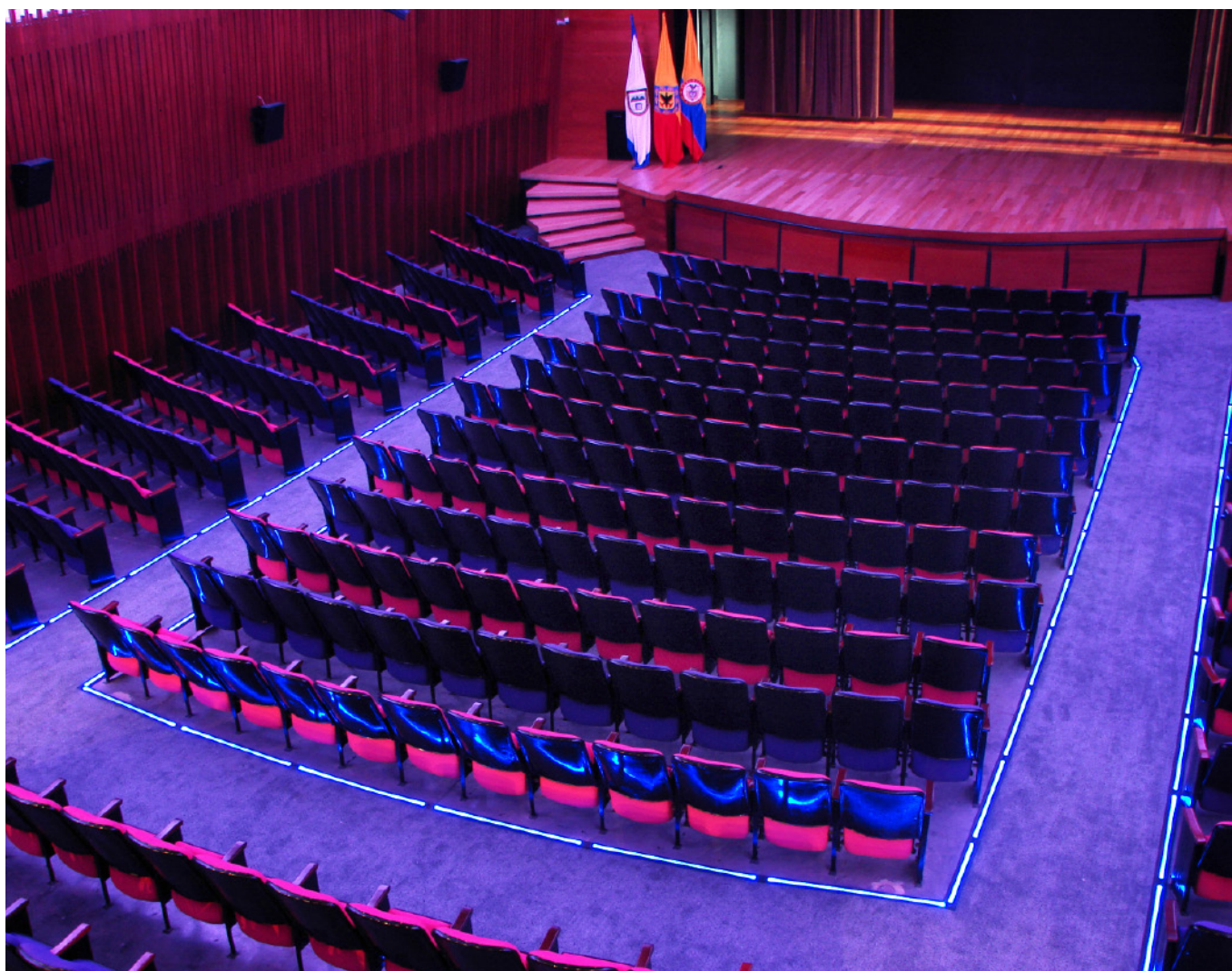
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Para más información puede consultar nuestro catálogo de Balizamiento de Seguridad e Iluminación Decorativa

ACCESSORIES REFERENCES REFERENCIAS ACCESORIOS



8040221/C..	NUMBERLED engraved 110x110 mm - 12V DC	NUMBERLED grabado 110x110 mm - 12V DC	1
8040222/C..	NUMBERLED engraved 110x110 mm - 24V DC	NUMBERLED grabado 110x110 mm - 24V DC	
8040321/C..	NUMBERLED engraved 70x70 mm - 12V DC	NUMBERLED grabado 70x70 mm - 12V DC	
8040322/C..	NUMBERLED engraved 70x70 mm - 24V DC	NUMBERLED grabado 70x70 mm - 24V DC	
3080205	EMERLED - 12V Emergency lighting power supply 150 W (1 h. and 1 min. autonomy)	EMERLED - Fuente de alimentación 12V para iluminación de emergencia 150W (1h. y 1 min. de autonomía)	2
3080206	EMERLED - 24V Emergency lighting power supply 150 W (1 h. and 1 min. autonomy)	EMERLED - Fuente de alimentación 24V para iluminación de emergencia 150W (1h. y 1 min. de autonomía)	
3090463	IP20 Power supply 150W 12V DC (159x97x30 mm)	Fuente alimentación 150W 12V DC IP20 (159x97x30 mm)	3
3090483	IP20 Power supply 150W 24V DC (159x97x30 mm)	Fuente alimentación 150W 24V DC IP20 (159x97x30 mm)	
7020600	FIBERLINES 302 FW - Black anodized profile non illuminated (1m) For installation and finishes between one floor and one wall	FIBERLINES 302 FW - Perfil anodizado en negro no iluminado (1m) Para instalación y acabados entre un suelo y una pared	4
7020600	FIBERLINES 302 FF - Black anodized profile non illuminated (1m) For installation and finishes between two floors	FIBERLINES 302 FF - Perfil anodizado en negro no iluminado (1m) Para instalación y acabados entre dos suelos	5



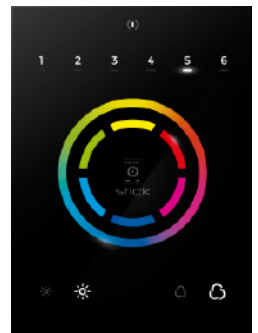
ECCI Theatre,
Bogotá, Colombia

Opera Theatre,
Maracay, Venezuela





CONTROLLERS



CONTROLLERS

THE COMPLETE RANGE OF STANDALONE DMX INTERFACES GAMA COMPLETA DE INTERFACES DMX STANDALONE

For the lighting installations control, we have five controllers' available: Mundosoft Standalone, Mundosoft Standalone U8 y UE7, Mundosoft STICK-GU2, Mundosoft STICK-CW4 and Mundosoft STICK-DE3. Each interface is made for a specific installation. Once integrated with a compatible software package, you can easily control the lighting in a variety of places such as houses, hotels, restaurants, fountains, gardens, shopping centers, etc.

For installations where we search for the functionality and automation of lighting, where human action is not required to make changes, it is recommended Mundosoft Standalone range. We have two different types available; U8, which automatically controls light and color changes, up to 512 channels in one zone, and UE7, which controls 1024 channels in different areas (up to 20.000 channels by Ethernet connection).

Those controllers can be activated by external ports triggering (potential-free contact), time triggering with daylight saving and "sunset/sunrise" function. Also recommend for energy saving applications. Especially indicated for advanced architectural lighting control; façades, malls, hotels, gardens, fountains, etc.

For small installations, where manpower is needed, we have the Mundosoft STICK-GU2, a 128 DMX channel controller in one area, which is pre-programmed with RGB effects and can be programmed with Easy Standalone software. You can manually select the color and light level (Dimmer). It has a push button "on/off" which acts on their lights and/or DMX receivers. Specially indicated for small areas control; restaurants, retail, windows, etc.

For medium installations, where manpower is needed, we recommend the Mundosoft STICK-CW4, a 1024 DMX channel controller for one area, which is pre-programmed with RGB effects and can be programmed with Easy Standalone software. Direct access to all features; turn on/off button, 6 touch sensitive scene buttons, color wheel, dimmer and adjust the saturation. Especially recommended for the manual control of; small areas, dining rooms, rooms, etc.

For more exigent installations, we recommend Mundosoft STICK-DE3, which let you, control up to 1024 DMX channels divided into 10 different areas within the same installation. This peculiarity allows you to control, automatically or manually, up to 10 different areas, indistinctly.

By Ethernet connections you can install more than one STICK-DE3 in different areas and synchronize them by computer, smartphone or tablet.

This controller can be activated by external ports triggering (potential-free contact), time triggering with daylight saving and "sunset/sunrise" function. Also recommend for energy saving applications.

Especially indicated for controlling big areas, houses (different rooms), big saloons organized by areas, and other installations where a different control in more than one area is needed.

Para el control de instalaciones lumínicas, disponemos de cinco controladores; Mundosoft Standalone U8 y UE7, Mundosoft STICK-GU2, Mundosoft STICK-CW4 y Mundosoft STICK-DE3. Cada interface está hecha para una instalación específica. Una vez integrado con uno de los paquetes de software compatibles, es posible controlar fácilmente la iluminación dentro de una variedad de lugares tales como casas, hoteles, restaurantes, fuentes, jardines, centros comerciales y muchos más.

Para instalaciones donde se busca la funcionalidad y la automatización de la iluminación y donde no se requiere la acción del hombre para efectuar cambios, se recomienda los controladores de la familia Mundosoft Standalone. Disponemos de 2 modelos, el controlador U8, capaz de controlar automáticamente cambios de luz y color hasta 512 canales en una sola zona, y el UE7, que dispone de 1024 canales cada controlador en varias zonas (hasta más de 20.000 canales, conectando varios controladores a través de conexión Ethernet).

Estos controladores pueden activarse mediante disparos externos (contactos libres de tensión), disparos horarios (programar encendidos y apagados) e incluso el control del "anochecer/amanecer", apto para instalaciones de ahorro de energía. Especialmente indicado para un control avanzado de la iluminación arquitectural, así como, fachadas, centros comerciales, hoteles, jardines, fuentes, etc.

Para instalaciones pequeñas, donde la mano del hombre es necesaria, disponemos del Mundosoft STICK-GU2. Un controlador con 128 canales DMX de una sola zona, el cual viene pre-programado con efectos RGB y puede ser programado con el software Easy Standalone. Se puede seleccionar manualmente el color y el nivel de iluminación (Dimmer). Dispone de un pulsador "encendido/apagado" el cual actuará sobre sus luminarias y/o receptores DMX. Especialmente indicado para el control de estancias reducidas, comedores de restaurantes, pequeños escaparates comerciales, etc.

Para instalaciones medianas, donde la mano del hombre es obligatoria, disponemos del Mundosoft STICK-CW4. Un controlador de 1024 canales DMX de una sola zona, el cual viene pre-programado con efectos RGB, y que puede ser reprogramado con el software Easy Standalone. Dispone de botón de encendido y apagado, selector de 6 escenas, selector de color, dimmer y saturación. Especialmente indicado para el control de estancias reducidas, como comedores de restaurantes, reservados, habitaciones, etc.

Para instalaciones más exigentes, disponemos del Mundosoft STICK-DE3, el cual le permiten controlar hasta 1024 canales DMX repartidos hasta en 10 zonas distintas, dentro de la misma instalación. Esta peculiaridad le permite controlar indistintamente, de forma automática o manual, hasta 10 zonas diferentes.

Mediante la conexión Ethernet se pueden instalar varios controladores STICK-DE3 en múltiples ubicaciones y sincronizarlos a través de la red, un ordenador o incluso un Smartphone o Tablet.

Dispone de puertos de disparos externos (contactos libres de tensión), disparos por horario, disparo por calendario y control del anochecer/amanecer. También está recomendado para aplicaciones de ahorro de energía.

Especialmente indicado para el control de grandes superficies, hogares (distintas habitaciones), grandes salones sectorizados y otras instalaciones donde sea necesario un control distinto en más de una zona o el control de una instalación desde diferentes ubicaciones.



Royal Walls of Ceuta,
Ceuta, Spain

CONTROLLERS

SPECIFICATIONS CARACTERÍSTICAS



	STANDALONE U8	STANDALONE UE7	STICK-GU2	STICK-CW4	STICK-DE3
DMX CHANNELS CANALES DMX					
128 DMX channels 128 canales DMX	—	—	●	—	—
512 DMX channels 512 canales DMX	●	—	—	—	—
2 x 512 DMX channels 2 x 512 canales DMX	●	●	—	●	●
3 x 512 DMX channels 3 x 512 canales DMX	—	●	—	—	—
Synchronisation via Ethernet Sincronización vía Ethernet	—	●	—	—	●
INSTALLATION MODE MODO DE INSTALACIÓN					
In any electrical gang box En caja de empotrar universal	—	—	●	●	●
In surface En superficie	●	●	—	—	—
MEMORY MEMORIA					
Standalone memory Memoria Standalone	128K	microSD	12K	64K	microSD
20 channel memory Memoria para 20 canales	7677 steps 7677 pasos	SD Card limit Limite tarjeta SD	842 steps 842 pasos	2729 steps 2729 pasos	SD Card limit Limite tarjeta SD
60 channel memory Memoria para 60 canales	2877 steps 2877 pasos	SD Card limit Limite tarjeta SD	311 steps 311 pasos	1020 steps 1020 pasos	SD Card limit Limite tarjeta SD
512 channel memory Memoria para 512 canales	355 steps 355 pasos	SD Card limit Limite tarjeta SD	—	124 steps 124 pasos	SD Card limit Limite tarjeta SD
1024 channel memory Memoria para 1024 canales	—	SD Card limit Limite tarjeta SD	—	—	SD Card limit Limite tarjeta SD
Number of zones Número de zonas	1	5	1	1	10
Number of scenes Número de escenas	99	250	24	36	500
HUMAN INTERFACE INTERFAZ DE USUARIO					
Selection buttons Pulsadores de selección	3	3	—	—	—
Touch-sensitive buttons Pulsadores táctiles	—	—	3	12 + wheel	10 + wheel
Manual control Control manual	Dimmer Dimmer	Zones Zonas	Colour / Dimmer Color / Dimmer	Colour / Dimmer / Saturation Color / Dimmer / Saturación	Colour / Dimmer / Speed / Zones Color / Dimmer / Velocidad / Zonas
Infrared remote control Control Remoto infrarojo	—	●	—	—	—
Ethernet control Control ethernet	—	●	—	—	●
WIFI Smartphone remote control Control remoto WIFI Smartphone	—	●	—	●	●
WIFI built-in WIFI integrado	—	—	—	●	—
EXTERNAL TRIGGERING DISPAROS EXTERNOS					
Port triggering Puertos de disparo	8	8	—	—	8
Clock triggering Disparos horarios	100	100	—	100	100
RS232 triggering Disparos RS232	—	—	—	—	●
Output relay Relé de salida	—	—	—	—	●
SOFTWARE PROGRAMMING SOFTWARE DE PROGRAMACIÓN					
Software ESA	●	●	●	●	●
Software ESA PRO	—	●	—	—	●

● Online mode with PC.
Modo on-line con PC.

MEMORY	MEMORIA
DMX CHANNELS	CANALES DMX
The DMX512 protocol is based on the use of "channels" to transmit control commands to the devices which support them.	El protocolo DMX512 se basa en la utilización de "canales" ("channels" en inglés) para transmitir órdenes de control a los aparatos que lo soporten.
The DMX512 protocol is limited by an universe of 512 channels (DMX universe) and each one can be adjusted itself from the value 0 to value 255 (DMX values).	El protocolo DMX512 tiene un límite de 512 canales por universo (DMX universe). Así mismo cada canal se puede regular desde el valor 0 hasta el valor 255 (valores DMX).
A luminaire RGB needs 3 DMX channels (one for each colour).	Una luminara RGB necesita 3 canales DMX (uno por color).
ZONES	ZONAS
Zone is called to defined area which can have multiple DMX channels allocated exclusively.	Se le denomina zona a un área delimitada la cual puede disponer de varios canales DMX asignados exclusivamente.
SCENES	ESCENAS
It is called scene to the different programs (state lighting) that can host a programmer.	Se le denomina escena a los diferentes programas (estado lumínico) que puede alojar un programador.
STEPS	PASOS
The scenes are divided on steps, each one is a state of the scene.	Las escenas se dividen en pasos, cada paso es un estado de la escena.
SYNCHRONISATION VIA ETHERNET	SINCRONIZACIÓN VÍA ETHERNET
Allow linking several controllers to add their universes DMX or synchronized between them.	Permite acoplar varios controladores para que sumen sus universos o se sincronicen entre si.

HUMAN INTERFACE	INTERFAZ DE USUARIO
MECHANICAL BUTTONS	PULSADORES DE SELECCIÓN
Are keys +/- allows us to move up or down the scenes and holding down the button DIMMER, increase or decrease the light level every scene.	Son pulsadores +/- que nos permiten subir o bajar de escena y manteniendo pulsado el boton DIMMER subir o bajar el nivel de luz de todas las escenas.
TOUCH-SENSITIVE BUTTONS	PULSADORES TÁCTILES
They are touch-sensitive buttons, each one has a serigraphy function.	Son pulsadores sensibles al tacto, cada uno tiene una funcion serigrafada.
MANUAL CONTROL	CONTROL MANUAL
Possibility to control scenes manually.	Posibilidad de controlar manualmente escenas.
CONTROL REMOTE INFRAROJO	INFRARED REMOTO CONTROL
IR remote control, short range.	Mando a distancia IR, corto alcance.
ETHERNET CONTROL	CONTROL ETHERNET
Possibility to interweave multiple controllers and program mode "Master/Slave".	Posibilidad de entrelazar varios controladores y programarlos en modo "Master/Slave".
WIFI SMARTPHONE REMOT CONTROL	CONTROL REMOTO WIFI SMARTPHONE
Possibility byWIFI antenna + special software, remote control of the controller using a Smartphone.	Posibilidad mediante antenaWIFI + software específico el control mediante Smartphone del controlador.
WIFI BUILT-IN	WIFI INTEGRADO
WIFI integrated in the device.	WIFI integrado en el dispositivo.

EXTERN TRIGGERING	DISPAROS EXTERNOS
PORTS TRIGGERING	PUERTOS DE DISPARO
Tension-free ports which allow the driver to interweave with an external system, as push buttons, as actuator KNX, etc.	Puertos libres de tensión que perminten entrelazar el controlador con un sitema externo, ya sean pulsadores, actuador KNX, etc.
CLOCK TRIGGERING	DISPAROS HORARIOS
Possibility of time programming on-off scenes.	Posibilidad de programación horaria de encendido y apagado de escenas.
RS232 TRIGGERING	DISPAROS RS232
Possibility of remote management RS232 protocol.	Posibilidad de gestión remota por protocolo RS232.
OUTPUT RELAY	RELÉ DE SALIDA
Relay is activated when the controller is ON (5V DC output voltage).	Relé que se activa cuando el controlador está en ON (tensión de salida 5V DC).

SOFTWARE PROGRAMMING	SOFTWARE DE PROGRAMACIÓN
SOFTWARE ESA	SOFTWARE ESA
Easy Standalone software on the CD.	Software Easy Standalone incluido en el CD.
SOFTWARE ESA PRO	SOFTWARE ESA PRO
Easy Standalone professional software on the CD.	Software Easy Standalone profesional incluido en el CD.

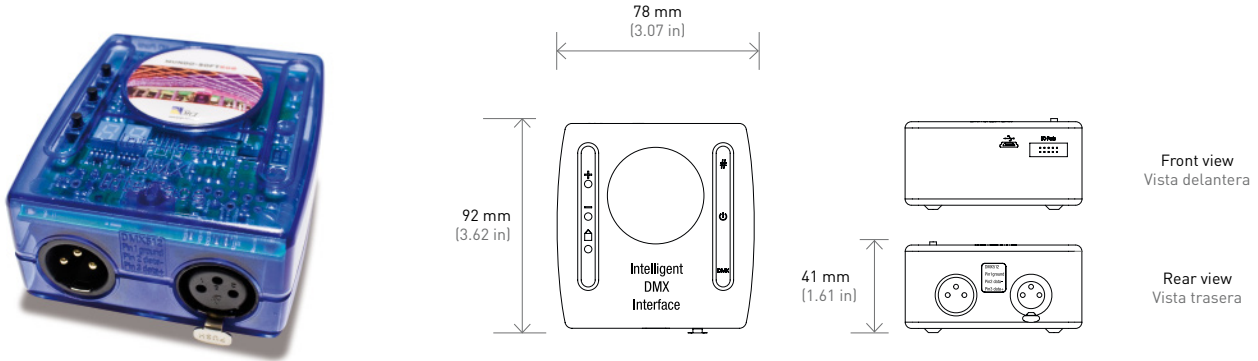
MUNDOSOFT STANDALONE U8

SPECIFICATIONS ESPECIFICACIONES

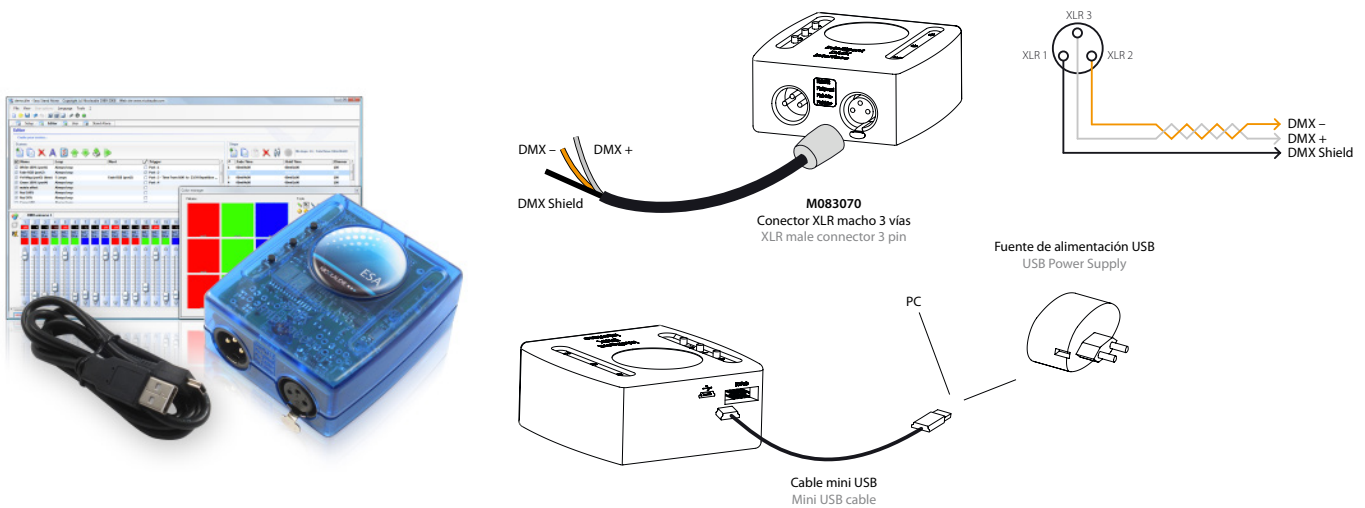
IP20	DMX 512-A	9 V DC		PC cover	0°C +50°C 32°F +122°F	RoHS	CE
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MUNDOSOFT STANDALONE U8	
Power consumption	2,7W
Measures	78 x 92 x 41 mm
Weight	0,12 kg
Housing	Polycarbonate
Number of channels	512 (2 x 512 online mode with PC)
Controller type	DMX512-A

MEASURES MEDIDAS



INSTALLATION INSTALACIÓN



REFERENCES REFERENCIAS

7150609	Mundosoft Standalone U8 RGB	Mundosoft Standalone U8 RGB
7150629	Mundosoft Standalone U8 RGBW	Mundosoft Standalone U8 RGBW
	For installation.	Para instalación.
M083070	XLR male connector 3 pins	Conector XLR macho 3 vías
M030224	BELDEN 3105A cable	Cable BELDEN 3105A

MUNDOSOFT STANDALONE UE7

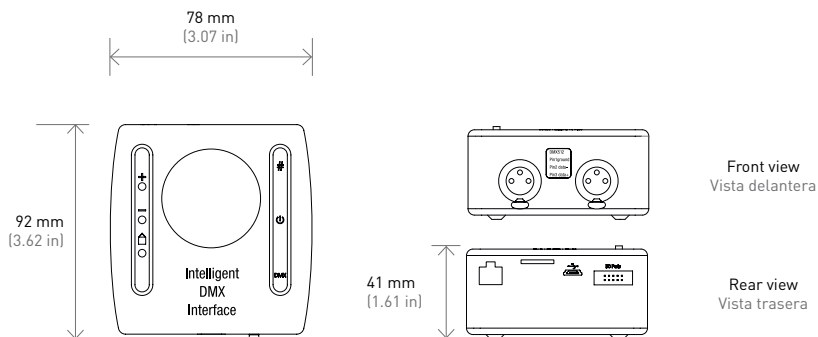
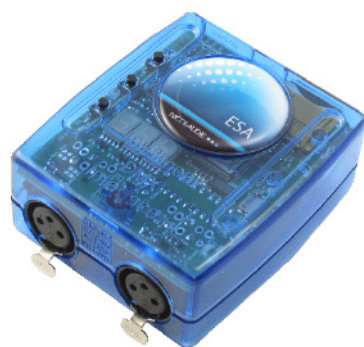
SPECIFICATIONS ESPECIFICACIONES

IP20	DMX 512-A	9 V DC		PC cover	0°C +50°C 32°F +122°F	RoHS	CE
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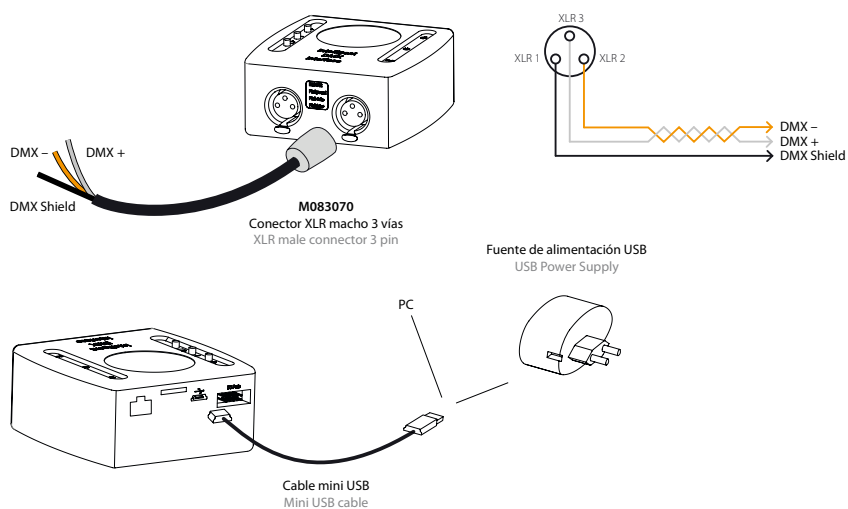
MUNDOSOFT STANDALONE UE7

Power consumption	2,7W
Measures	78 x 92 x 41 mm
Weight	0,12 kg
Housing	Polycarbonate
Number of channels	2 x 512 (3 x 512 online mode with PC)
Controller type	DMX512-A

MEASURES MEDIDAS



INSTALLATION INSTALACIÓN



REFERENCES REFERENCIAS

7150630	Mundosoft Standalone UE7	Mundosoft Standalone UE7
	For installation.	Para instalación.
M083070	XLR male connector 3 pins	Conector XLR macho 3 vías
M083147	XLR male connector 5 pins	Conector XLR macho 5 vías
M030224	BELDEN 3105A cable	Cable BELDEN 3105A

MUNDOSOFT STICK-GU2

SPECIFICATIONS ESPECIFICACIONES

IP20	DMX	0°C +50°C 32°F +122°F	9 V DC		Glass/ PC cover	RoHS	CE
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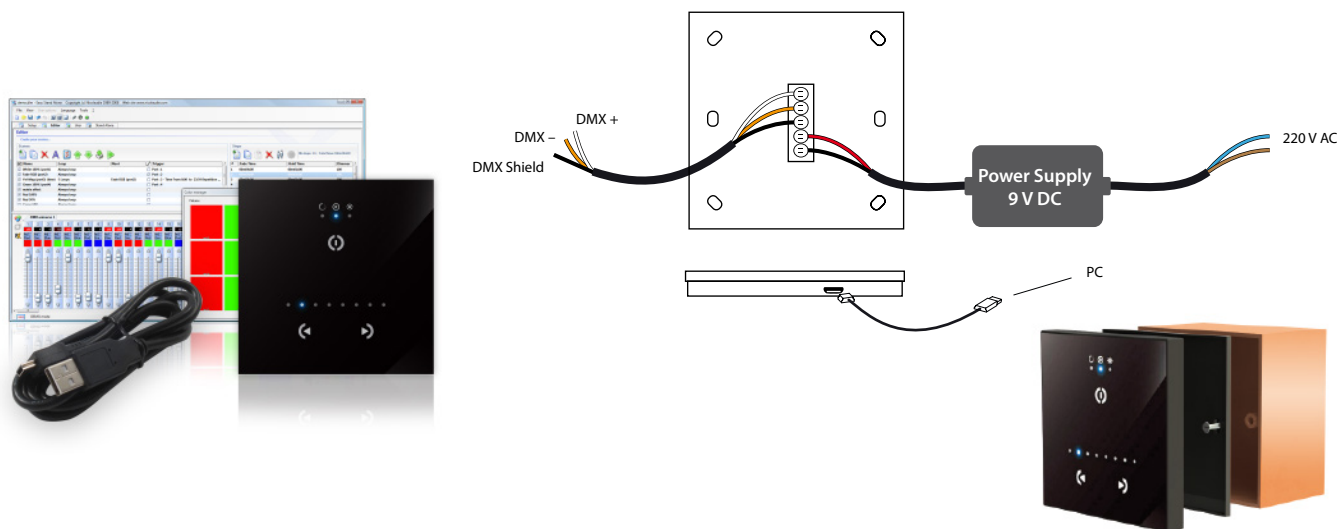
MUNDOSOFT STICK-GU2

Power consumption	6W
Measures	86 x 86 x 10 mm
Weight	0,13 kg
Housing	Glass / Polycarbonate
Number of channels	128
Controller type	DMX512-A

MEASURES MEDIDAS



INSTALLATION INSTALACIÓN

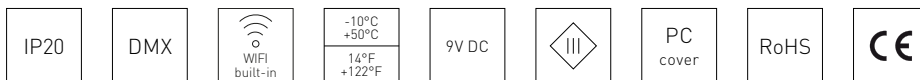


REFERENCES REFERENCIAS

7150611/C02	Mundosoft Stick-GU2 white	Mundosoft Stick-GU2 blanco
7150611/C13	Mundosoft Stick-GU2 black	Mundosoft Stick-GU2 negro
	For installation.	Para instalación.
M030224	BELDEN 3105A cable	Cable BELDEN 3105A

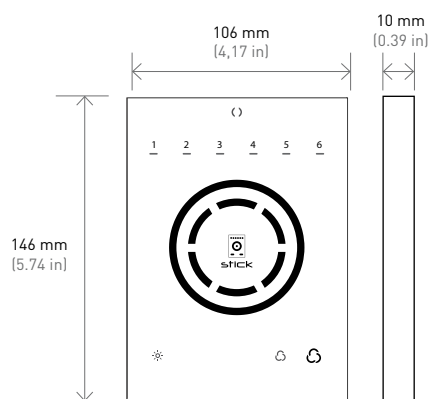
MUNDOSOFT STICK-CW4

SPECIFICATIONS ESPECIFICACIONES

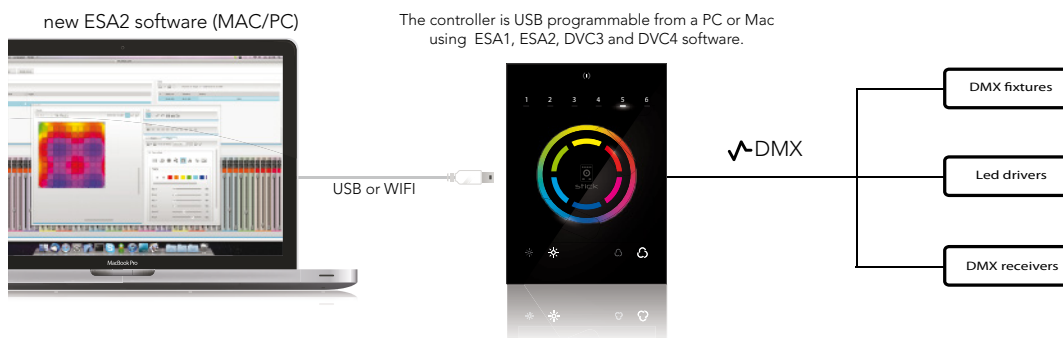


MUNDOSOFT STICK-CW4	
Power consumption	2,7 W
Measures	146 x 106 x 10 mm
Weight	0.2kg
Housing	Polycarbonate and glass
Number of channels	2 x 512
Controller type	DMX512-A

MEASURES MEDIDAS



INSTALLATION INSTALACIÓN



REFERENCES REFERENCIAS

7150615/C13	Mundosoft Stick-CW4 black	Mundosoft Stick-CW4 negro
	For installation.	Para instalación.
M030224	BELDEN 3105A cable	Cable BELDEN 3105A

MUNDOSOFT STICK-DE3

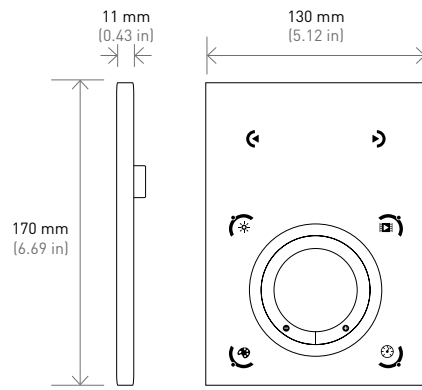
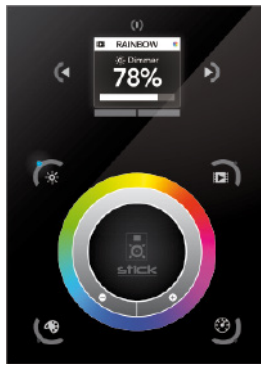
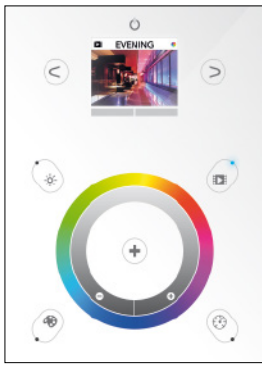
SPECIFICATIONS ESPECIFICACIONES

IP20	DMX	-10°C +50°C 14°F +122°F	9 V DC		Glass/ PC cover	RoHS	CE
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MUNDOSOFT STICK-DE3

Power consumption	6W
Measures	146 x 106 x 11 mm
Weight	0,25 kg
Housing	Polycarbonate / Glass
Number of channels	2 x 512
Controller type	DMX512-A

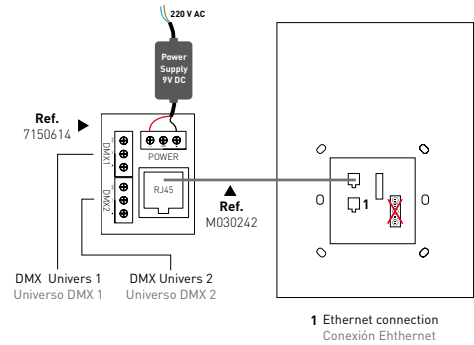
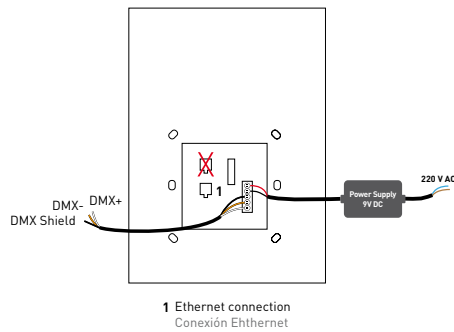
MEASURES MEDIDAS



CONNECTION CONEXIONES

CONNECTION STANDARD (1 UNIVERS) CONEXIONES STANDARD (1 UNIVERSO)

CONNECTIONS WITH ACCESSORIES (2 UNIVERS) CONEXIONES CON ACCESORIOS (2 UNIVERSOS)



REFERENCES REFERENCIAS



7150612/C02	Mundosoftware STICK-DE3 white	Mundosoftware STICK-DE3 blanco	
7150612/C13	Mundosoftware STICK-DE3 black	Mundosoftware STICK-DE3 negro	
7150614	Acc. RJ45 Power&Data connection	Acc. Conexión RJ45 Power&Data	1
M030242	Patch cord CAT-6 2m RJ45	Latiguillo CAT-6 2 m RJ45	2

	For installation.	Para instalación
M030224	BELDEN 3105A cable	Cable BELDEN 3105A



Hotel W,
Barcelona, Spain

SPLITTERS & DATA FIBER OPTIC

DMX signal Splitter is used to isolate and amplify the input signal of the output, protecting the DMX controller from potential damages by short circuit in the signal cable. It is also used to amplify the signal over long runs of DMX cabling, preventing that the signal is reduced for such cause.

The Splitters are equipped with screwed connection.

The maximum recommended cable distance is 100 m. Our Splitter can support up to 15 or 30 charges by each one of its DMX outputs.

For installations where the distance between the controller and the receiver is more than 100 m., we can set Splitters in series or dispose fiber optic converters.

Our converter DMX / FO / DMX can support up to 30 charges for each of the three available DMX outputs. The recommended maximum distance is 2000 m.

Un Splitter de señal DMX se utiliza para aislar y amplificar la señal de entrada de DMX de las salidas protegiendo al controlador DMX de posibles daños por cortocircuito en el cable de señal. También se utiliza para amplificar la señal DMX en largas tiradas de cableado, evitando que la señal disminuya por dicha causa.

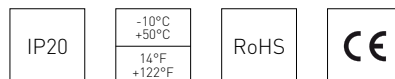
Los Splitters vienen equipados con conexión de tornillo.

La distancia máxima recomendada de tirada de cable es de 100 m. Nuestro Splitter puede soportar hasta 15 o 30 cargas por cada una de sus salidas DMX.

Para instalaciones donde la distancia entre el controlador y los receptores es mayor de 100 m., podemos poner Splitters en serie o disponer de convertidores de fibra óptica.

Nuestro convertor DMX / FO / DMX puede soportar hasta 30 cargas por cada una de las tres salidas DMX que dispone. La distancia máxima recomendada es de 2000 m.

SPECIFICATIONS ESPECIFICACIONES



	DIN RAIL SPLITTER	DIN RAIL CONVERTER	DIN RAIL F.O. EMITTER
Power consumption	6W	6W	6W
Measures	90 x 23 x 98 mm	90 x 23 x 110 mm	90 x 23 x 110 mm
Weight	0,2 kg	0,2 kg	0,2 kg
Housing	Polycarbonate / Policarbonato	Polycarbonate / Policarbonato	Polycarbonate / Policarbonato
Input voltage	24V DC	24V DC	24V DC
Protection class	III	III	III
Controller type	DMX512-A / RDM	DMX512-A / RDM	DMX512-A / RDM
DMX Output numbers	6	3	2
DMX Input numbers	1	-	1
Fiber Optical transmission	-	1	1
Fiber Optical reception	-	1	-



REFERENCES REFERENCIAS

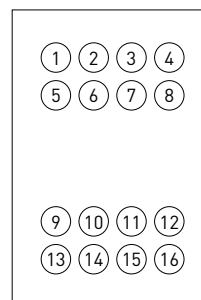
7150130	DIN rail format 6 outputs Splitter	Splitter 6 salidas formato caril DIN
5020701	Converter fiber optics / DMX	Convertor fibra óptica / DMX
5020702	DMX / Fiber optics emitter	Emisor DMX / Fibra óptica
	For installation.	Para instalación.
M083070	XLR male connector 3 pins	Conector XLR macho 3 vías
M083071	XLR female connector 3 pins	Conector XLR hembra 3 vías
M030224	BELDEN 3105A cable	Cable BELDEN 3105A

Mounted kits available, see page xxx.
Dispone de kits montados en la página XXX.

CONNECTION CONEXIONES

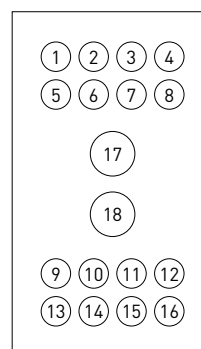
DIN RAIL SPLITTER

1	DMX + Output 6 - screw connector	9	DMX + Input
2	DMX - Output 6 - screw connector	10	DMX - Input
3	GND	11	DMX + Output 1 - screw connector
4	VCC + 24V DC	12	DMX - Output 1 - screw connector
5	DMX + Output 4 - screw connector	13	DMX + Output 2 - screw connector
6	DMX - Output 4 - screw connector	14	DMX - Output 2 - screw connector
7	DMX + Output 5 - screw connector	15	DMX + Output 3 - screw connector
8	DMX - Output 5 - screw connector	16	DMX - Output 3 - screw connector



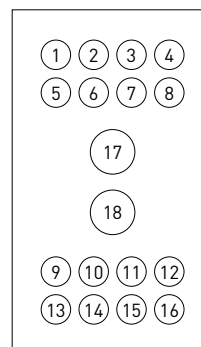
DIN RAIL CONVERTER

1	—	10	DMX - Output 2 - screw connector
2	—	11	DMX + Output 2 - screw connector
3	GND	12	—
4	VCC + 24V DC	13	—
5	—	14	DMX - Output 3 - screw connector
6	DMX - Output 1 - screw connector	15	DMX + Output 3 - screw connector
7	DMX + Output 1 - screw connector	16	—
8	—	17	Fiber optic emitter
9	—	18	Fiber optic receiver



DIN RAIL F.O. EMITTER

1	—	10	DMX - Output 1 - screw connector
2	—	11	DMX + Output 1 - screw connector
3	GND	12	—
4	VCC + 24V DC	13	—
5	—	14	DMX - Output 2 - screw connector
6	DMX - Input - screw connector	15	DMX + Output 2 - screw connector
7	DMX + Input - screw connector	16	—
8	—	17	Fiber optic emitter
9	—	18	—



LINEARdrive

The LINEARdrive range is composed by hand controller and constant voltage drivers for LEDs that are controlled by 1, 2 and 3-4 channels. The LINEARdrive products covers a wide range of lighting applications; from single colour all the way up to dynamic whites, RGB and RGBW. All industry control protocols are covered: 0-10V, DMX512A, and DALI.

The dimming is strengthened with the Hybrid HydraDrive system with a 15 bits resolution, that provides the smoothest flicker-free high-performance dimming from 100% to 0.1%.

For the 1 or 2 channels DMX LINEARdrive, the ToolBoxPro accessory is required for advanced configuration parameters such as DMX channel. You can configure the 4 channel LINEARdrive over its intuitive, 3-button user interface with display.

You can download all technical specifications and programming guides on www.grupo-mci.com

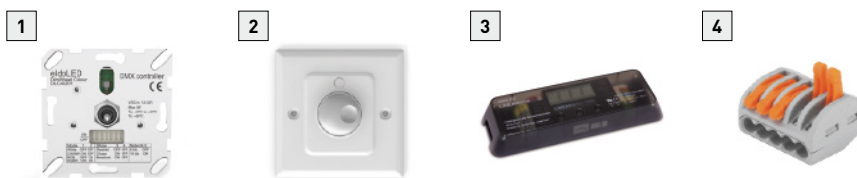
La familia LINEARdrive está compuesta por controladores manuales, y drivers de voltaje constante para LEDs que son controlados por 1, 2 y 3-4 canales. Los productos LINEARdrive cubren todo tipo de aplicaciones lumínicas, desde el control de luminarias monocolor hasta el control de blancos dinámicos, RGB y RGBW. Todos los protocolos de control de la industria están cubiertos: 1-10V, DMX512A y DALI.

La regulación está reforzada con el sistema HydraDrive de 15 bits de resolución, donde la función dimmer funciona con una gamma de atenuación del 100% al 0,1%, es decir, la regulación de la luz no provoca el efecto parpadeo, conocido también como flickering.

Los LINEARdrive DMX de 1 ó 2 canales, necesitan el accesorio ToolBoxPro para poder configurar los parámetros internos como el canal DMX. Los LINEARdrive de 4 canales, disponen de 3 botones para configurarlos.

Todas las fichas técnicas y guías de programación están disponible en la web www.grupo-mci.com

REFERENCES REFERENCIAS



	DMX hand controller	Controlador manual DMX	
7150631	DimWheel LINEARdrive DMX hand controller	Controlador manual DMX DimWheel LINEARdrive	1
7150632	DimWheel LINEARdrive faceplate	Embellecador DimWheel LINEARdrive	2
	1 channel	1 canal	
7150633	LINEARdrive 212D 200W 24V DC DMX	LINEARdrive 212D 200W 24V DC DMX	
7150634	LINEARdrive 211D 200W 24V DC 0-10V	LINEARdrive 211D 200W 24V DC 0-10V	
7150635	LINEARdrive 210D 200W 24V DC DALI	LINEARdrive 210D 200W 24V DC DALI	
	2 channels	2 canales	
7150636	LINEARdrive 222D 200W 24V DC DMX	LINEARdrive 222D 200W 24V DC DMX	
7150637	LINEARdrive 220D 200W 24V DC DALI	LINEARdrive 220D 200W 24V DC DALI	
	3/4 channels	3/4 canales	
7150627	LINEARdrive 180D 144W 24V DC DMX	LINEARdrive 180D 144W 24V DC DMX	3
7150628	LINEARdrive 720D 330W 24V DC DMX / DALI	LINEARdrive 720D 330W 24V DC DMX / DALI	
	Accessories	Accesorios	
M050206	Wago terminal 5-way connection	Regleta conexión Wago 5 vías	4
7150638	Tool Box Pro (DMX parameters).	Tool Box Pro (Parámetros DMX).	

SPECIFICATIONS ESPECIFICACIONES



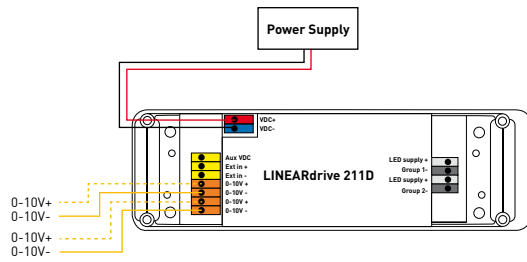
	1 CHANNEL			2 CHANNELS		3/4 CHANNELS	
	LINEARdrive 212D	LINEARdrive 211D	LINEARdrive 210D	LINEARdrive 222D	LINEARdrive 220D	LINEARdrive 180D	LINEARdrive 720D
Power consumption	Max. 200W	Max. 200W	Max. 200W	Max. 200W	Max. 200W	Max. 144W	Max. 330W
Measures	153 x 50 x 23 mm	153 x 50 x 23 mm	153 x 50 x 23 mm	153 x 50 x 23 mm	153 x 50 x 23 mm	153 x 50 x 23 mm	153 x 50 x 23 mm
Weight	0,12 kg	0,12 kg	0,12 kg	0,12 kg	0,12 kg	0,12 kg	0,144 kg
Controller type	DMX512-A / RDM	0-10V	DALI	DMX512-A / RDM	DALI	DMX512-A / RDM	DMX512-A / RDM / DALI

Compatible Products with LINEARdrive:

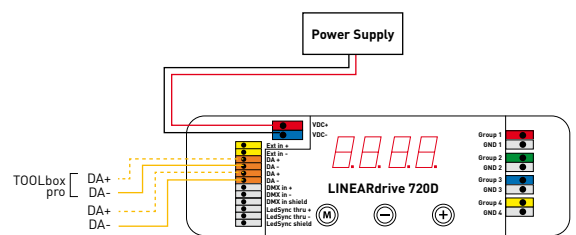
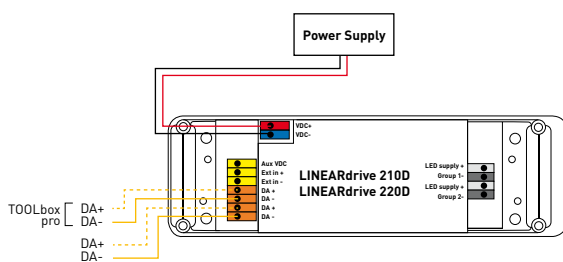
Productos compatibles con LINEARdrive:

Linear Flex® / SmartLedFlex® / SmartLedFlex® Day&Night / LedFloodStrip® (monocolor / RGB Slave) / Slim Ground Liner® / Ground Liner® (monocolor) / Plot Glow® (12V)

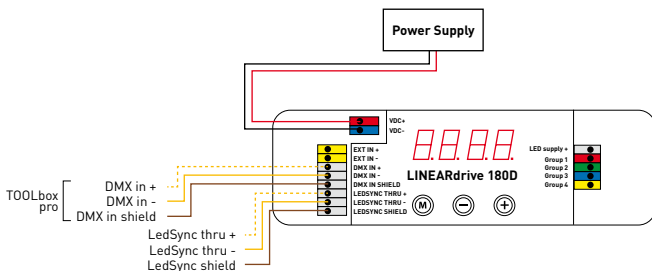
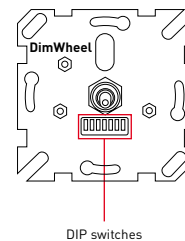
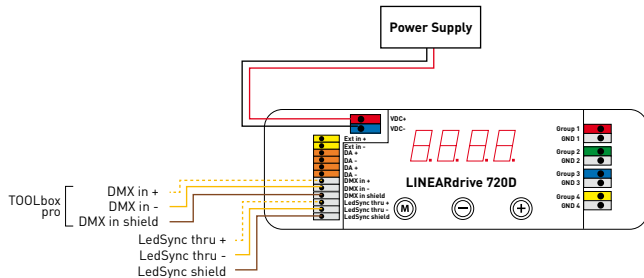
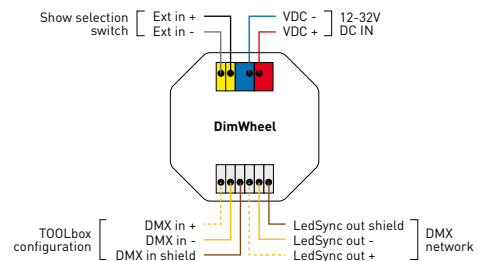
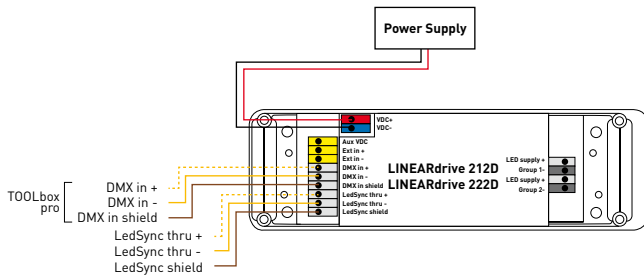
1 CHANNEL 1-10V CONNECTIONS
CONEXIONES 1 CANAL 1-10V



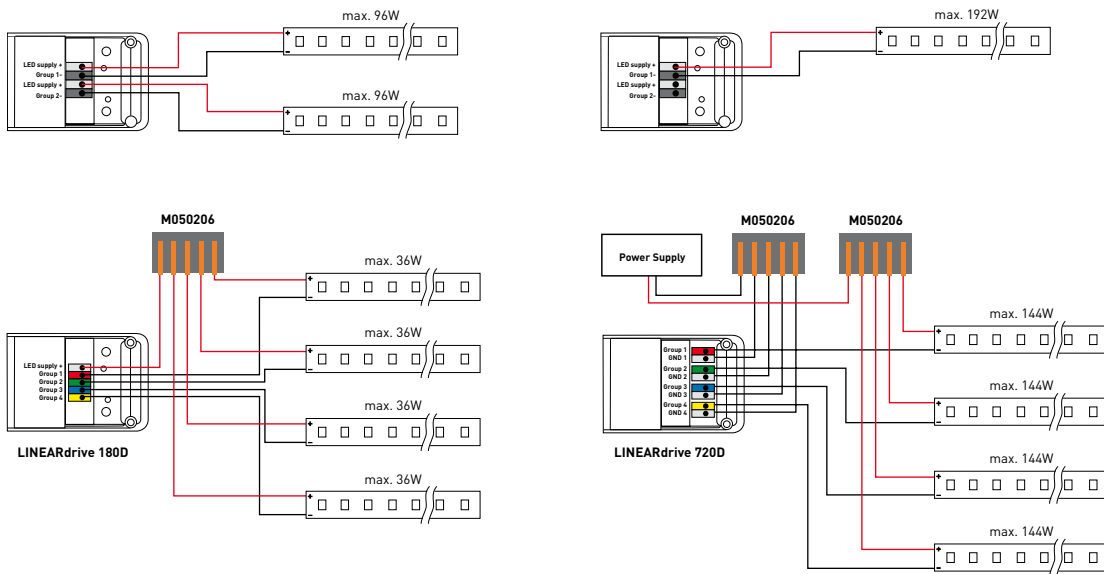
DALI CONNECTIONS
CONEXIONES DALI



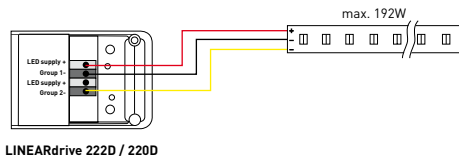
DMX CONNECTIONS
CONEXIONES DMX



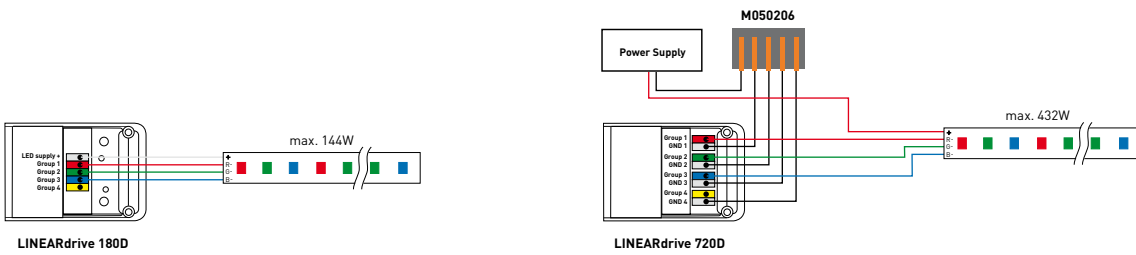
MONOCOLOR CONNECTIONS CONEXIONES MONOCOLOR



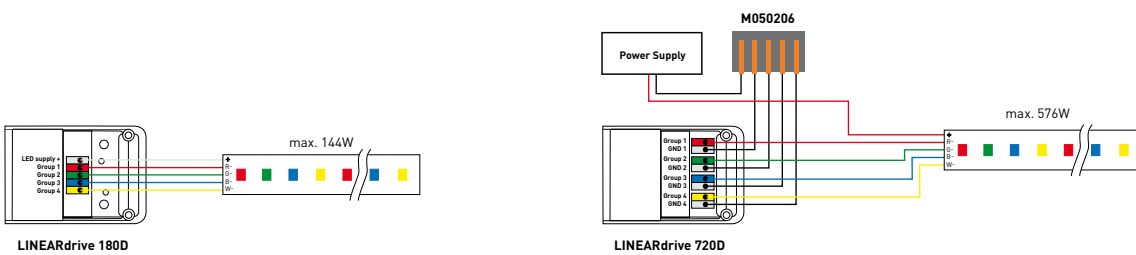
DYNAMIC WHITE CONNECTIONS CONEXIONES BLANCO DINÁMICO



RGB CONNECTIONS CONEXIONES RGB



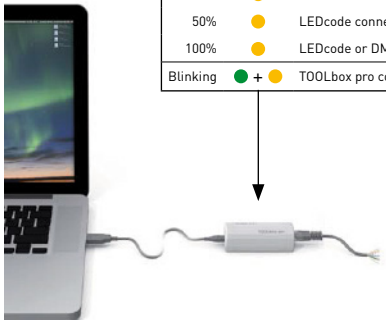
RGBW CONNECTIONS CONEXIONES RGBW



TOOL BOX PRO CONNECTIONS
CONEXIONES TOOL BOX PRO

off	●	no DALI power
50%	●	DALI power
100%	●	DALI activity
off	●	LEDcode not connected, no LEDcode/DMX activity
50%	●	LEDcode connected, no LEDcode/DMX activity
100%	●	LEDcode or DMX activity
Blinking	● + ●	TOOLbox pro connection error to computer

—	DMX in +	DMX / LedSync
—	DMX in -	
—	DMX in shield	
—	DA +	DALI
—	DA -	
—	LEDcode +	LEDcode
—	LEDcode -	
—	Not used	

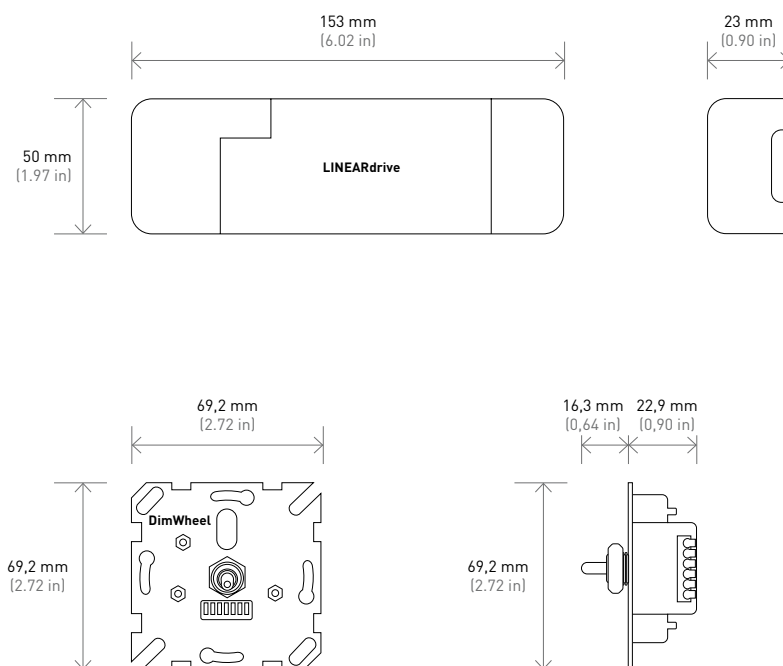


i

In order for the FluxTool application to detect the LED driver, the driver must be powered on. Never connect more than one driver at a time.

Para que la aplicación FluxTool detecte el driver LED, el driver debe estar encendido. Nunca conecte más de un driver a la vez.

MEASURES
MEDIDAS



BLUETOOTH devices to control your luminaires



The Bluetooth (E-Blue) range is composed by wireless switch, drivers, trailing edge dimmer or 4 channels PWM dimmer and devices for lighting control gears (0-10V/DALI).

All these devices runs with wireless technology Bluetooth and can be controllable with a smart devices (smartphone, smartwatch, tablet) or through the wireless switch eBLUE X.

Now you can start to switch on/off, dim, control color temperature and create scenes. Download the free App Casambi at Apple Store or Google Play.

La gama Bluetooth (E-Blue) está compuesta por interruptores inalámbricos, drivers, reguladores Trailing edge o PWM de 4 canales y dispositivos para luminarias equipadas con drivers (0-10V/DALI).

Todos estos componentes funcionan con la tecnología inalámbrica Bluetooth y los podemos controlar a través de un smartphone, smartwatch, tablet o el interruptor inalámbrico eBLUE X.

Nunca había sido tan fácil encender/apagar, dimerizar, cambiar la temperatura de color y crear escenas. Descárgate la App gratuita Casambi en Apple Store o Google Play.

REFERENCES REFERENCIAS

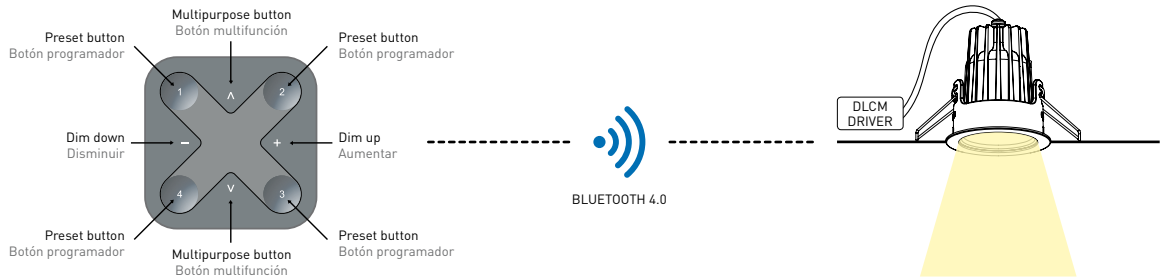
1	2	3	4	5	6
eBLUE X-SWITCH		eBLUE 0-10V / DALI		eBLUE TRAILING EDGE	
7150901/C02	Bluetooth switch white	eBLUE 0-10V / DALI		eBLUE TRAILING EDGE	
7150901/C13	Bluetooth switch black	Bluetooth device for 1 lighting control gear		Regulador trailing edge de control inalámbrico Bluetooth	
eBLUE 0-10V / DALI		eBLUE 0-10V / DALI		eBLUE TRAILING EDGE	
7150902	Bluetooth device for 1 lighting control gear	Dispositivo Bluetooth para 1 equipo auxiliares de iluminación		eBLUE TRAILING EDGE	
eBLUE TRAILING EDGE		eBLUE TRAILING EDGE		eBLUE TRAILING EDGE	
7150907	Bluetooth trailing edge dimmer	Regulador trailing edge de control inalámbrico Bluetooth		eBLUE TRAILING EDGE	
DLCM Drivers		DLCM Drivers		DLCM Drivers	
7150903	Dimmable control driver max.50W (250-350mA)	Driver regulable Bluetooth máx.50W (250-350mA)		DLCM Drivers	
7150904	Dimmable control driver max.50W (400-500mA)	Driver regulable Bluetooth máx.50W (400-500mA)		DLCM Drivers	
7150905	Dimmable control driver max.50W (600-700mA)	Driver regulable Bluetooth máx.50W (600-700mA)		DLCM Drivers	
eBLUE MULTI4		eBLUE MULTI4		eBLUE MULTI4	
7150906	Bluetooth controllable 4 channels PWM dimmer	Regulador PWM de 4 canales controlable por Bluetooth		eBLUE MULTI4	

SPECIFICATIONS ESPECIFICACIONES

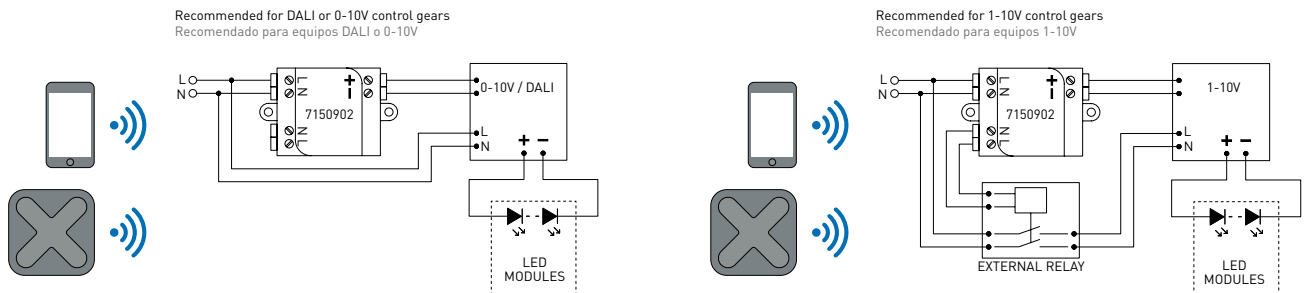


	eBLUE X-SWITCH	eBLUE 0-10V / DALI	eBLUE TRAILING EDGE	DLCM Drivers	eBLUE MULTI4
Input Voltage	-	220-240V AC 50Hz	85-240V AC 50..60Hz	220-240V AC 50..60Hz / DC	12-24V DC
Output Voltage	-	-	-	75...143V DC 57...100V DC 40...72V DC	12-24V DC
Max. Output power	-	100W	50W (LED lamp) 50W (LED driver) 150W (HALOGEN lamp 230V)	50W	72W (12V) 144W (24V)
Max. Current	3V Battery CR2430	0,6A	0,65A	250-350mA 400-500mA 600-700mA	6A (1-4 channels)
Control Signal	-	0-10V (7mA) DALI 9-12V DC (7mA)	-	PWM	PWM
Measures	90 x 90 x 12 mm	56,5 x 35,8 x 22,3 mm	36,3 x 40,4 x 14 mm	170,5x 70,2 x 32 mm	72,6 x 30 x 18 mm
Weight	0,080 kg	0,048 kg	0,016 kg	0,183 kg	0,023 kg
Lifetime	2-5 years	-	-	50.000h	-
Temperature range	-	-20° C to +50° C -4° F to +122° F	-20° C to +45° C -4° F to +113° F	-20° C to +50° C -4° F to +122° F	-20° C to +45° C -4° F to +113° F
Wireless mesh network	127 units Eblue	127 units Eblue	127 units Eblue	127 units Eblue	127 units Eblue
Max. Range	up to 30m (indoor) up to 50m outdoor)	up to 30m (indoor) up to 50m outdoor)	up to 30m (indoor) up to 50m outdoor)	up to 30m (indoor) up to 50m outdoor)	up to 30m (indoor) up to 50m outdoor)
Device Control	-	Casambi App on-off swith	Casambi App on-off swith	Casambi App	Casambi App

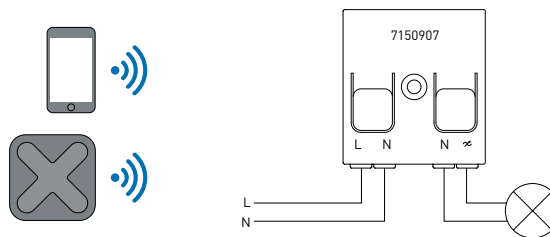
eBLUE X-SWITCH CONNECTIONS CONEXIONES eBLUE X-SWITCH



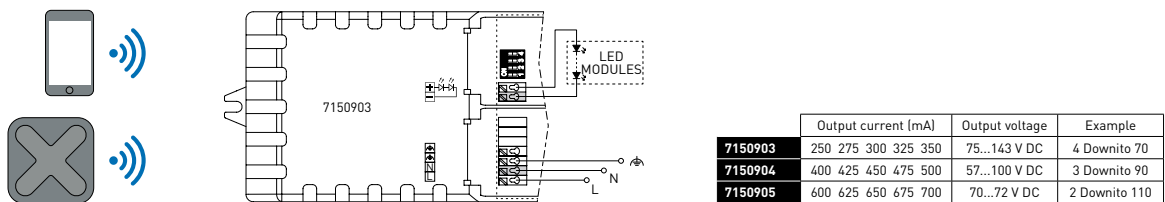
eBLUE 0-10V / DALI CONNECTIONS CONEXIONES eBLUE 0-10V / DALI



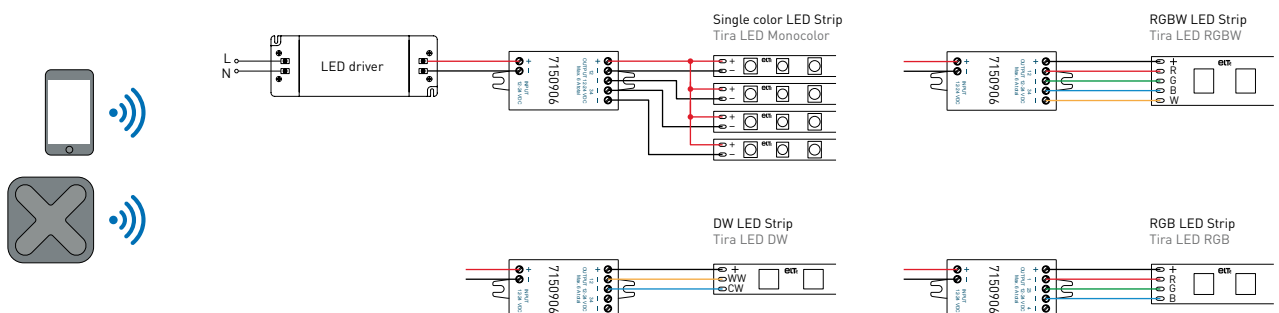
eBLUE TRAILING EDGE CONNECTIONS CONEXIONES eBLUE TRAILING EDGE



DLCM DRIVERS CONNECTIONS CONEXIONES DLCM DRIVERS



eBLUE MULTI4 CONNECTIONS CONEXIONES eBLUE MULTI4



POWER SUPPLIES

REFERENCES IP20 REFERENCIAS IP20

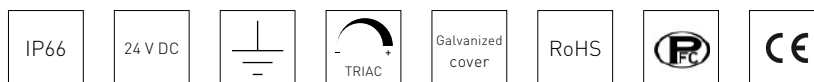


SPECIFICATIONS	35W 24V DC	75W 24V DC	150W 24V DC	200W 24V DC	320W 24V DC
Power consumption	35W	75W	150W	200W	320W
Measures	99x 82 x 30 mm	99 x 97 x 30 mm	159 x 97 x 30 mm	215x 115 x 30 mm	215 x 115 x 30 mm
Weight	0,23 kg	0,3 kg	0,48 kg	0,72 kg	0,9 kg
Input voltage	85-264V AC / 120-373V DC	85-264V AC / 120-373V DC	85-264V AC / 240-373V DC	88-264V AC / 124-370V DC	88-264V AC / 124-370V DC
Power factor	-	-	-	PF >0,95 / 230V AC	PF >0,95 / 230V AC
Temperature range	-30° C to +70° C / -22° F to +158° F	-30° C to +70° C / -22° F to +158° F	-30° C to +70° C / -22° F to +158° F	-30° C to +70° C / -22° F to +158° F	-30° C to +70° C / -22° F to +158° F
Efficiency		90%	89%	89,5%	89%

3090480	IP20 Power supply 35W 24V DC	Fuente alimentación 35W 24V DC IP20
3090482	IP20 Power supply 75W 24V DC	Fuente alimentación 75W 24V DC IP20
3090483	IP20 Power supply 150W 24V DC	Fuente alimentación 150W 24V DC IP20
3090484	IP20 Power supply 200W 24V DC	Fuente alimentación 200W 24V DC IP20
3090485	IP20 Power supply 320W 24V DC	Fuente alimentación 320W 24V DC IP20



REFERENCES IP66 - TRIAC REFERENCIAS IP66 - TRIAC



SPECIFICATIONS	Power consumption	Measures	Weight	Input voltage	Power factor	Temperature range	Efficiency
150W 24V DC	150W	256 x 78 x 47 mm	1,5 kg	200-240V AC	PF >0,97 / 240V AC	-40° C to +60° C / -40° F to +140° F	86%

3090552	IP66 Power supply 150W 24V DC TRIAC	Fuente alimentación 150W 24V DC TRIAC
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REFERENCES IP67 REFERENCIAS IP67



SPECIFICATIONS	75W 24V DC	150W 24V DC	240W 24V DC	320W 24V DC
Power consumption	75W	150W	240W	320W
Measures	180 x 63 x 35,5 mm	219 x 63 x 35,5 mm	244 x 63 x 35,5 mm	252 x 90 x 43,8 mm
Weight	0,7 kg	0,88 kg	1 kg	1,88 kg
Input voltage	180-295V AC / 255-417V DC	180-295V AC / 255-417V DC	180-295V AC / 255-417V DC	90-305V AC / 127-431V DC
Power factor	PF >0,95 / 230V AC	PF >0,95 / 230V AC	PF >0,95 / 230V AC	PF >0,95 / 230V AC
Temperature range	-30° C to +80° C / -22° F to +176° F	-40° C to +90° C / -40° F to +194° F	-40° C to +70° C / -40° F to +158° F	-40° C to +70° C / -40° F to +158° F
Efficiency	88%	88%	92%	94,5%

3090525	IP67 Power supply 75W 24V DC	Fuente alimentación 75W 24V DC IP67
3090526	IP67 Power supply 150W 24V DC	Fuente alimentación 150W 24V DC IP67
3090527	IP67 Power supply 240W 24V DC	Fuente alimentación 240W 24V DC IP67
3090522	IP67 Power supply 320W 24V DC	Fuente alimentación 320W 24V DC IP67





Kaskazuri restaurant,
San Sebastián, Spain

POWER BOX

To connect elevated quantities of luminaires you can choose between single-phase or three-phase with neutral Power Box for easy installation Plug&Play.

The Power Box has 960W power consumption. For example we can connect 60 meters Linear Flex Ultra Plus 72W White.

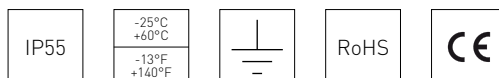
Power Box components:
Painted steel box (RAL 7035), circuit breaker protection and two 480W power supplies. Made in Europe

Para concentración elevada de luminarias, disponemos de un Power Box monofásico o trifásico con neutro para rápida instalación Plug&Play.

El Power Box dispone de una potencia de 960W. Por ejemplo podemos conectar 60m de Linear Flex Ultra Plus 72W Blanco.

El Power Box está compuesto por:
Caja de acero pintada (RAL 7035), magnetotérmico de protección y 2 fuentes de alimentación de 480W.
Todos los componentes del Power Box están fabricados en Europa.

SPECIFICATIONS ESPECIFICACIONES



	960W SINGLE-PHASE	960W THREE-PHASE
Power consumption	2 x 480W	
Measures	400 x 300 x 200 mm	
Weight	5,5 kg	6,5 kg
Housing	Painted steel Acero pintado	
Input voltage	90-265V AC / 90-250V DC	300-415V AC
Temperature range	-25° C to +60° C / -13° F to +140° F	
Efficiency	93,8%	



REFERENCES REFERENCIAS

3091204	Power Box 960W 24V DC	Power Box 960W 24V DC
3091205	Three-phase Power Box 960W 24V DC	Power Box 960W 24V DC trifásica

DATA BOX

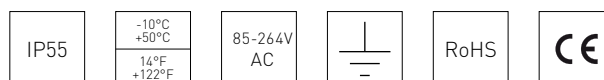
To connect elevated quantities of luminaires which require DMX control, Data Box for easy installation Plug&Play is available.

Each Data Box can connect up to 192 DMX receptors.
Data Box components: Halogen free flame retardant technopolymer box, multi-voltage PSU, splitter 6 outputs and/or fiber optic converter to DMX (depending on type).

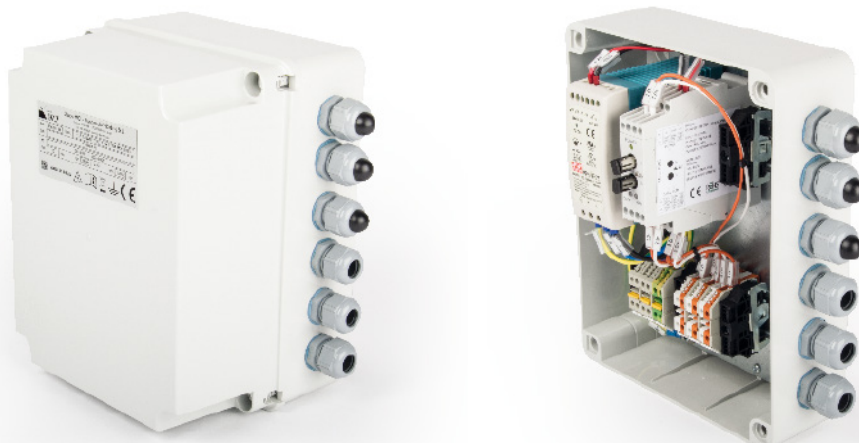
Para concentración elevada de luminarias que precisan DMX, disponemos de Data Box para rápida instalación Plug&Play.

Cada Data Box puede enlazar hasta 192 receptores DMX.
Está compuesto por caja de tecnopolímero autoextingible libre de halógenos, una fuente de alimentación multi-voltaje, un splitter de 6 salidas y/o un convertidor de fibra óptica a DMX (según modelo).

SPECIFICATIONS ESPECIFICACIONES



	DATA BOX CONVERTER	DATA BOX SPLITTER	DATA BOX CONVERTER + SPLITTER	DATA BOX CONVERTER DMX / EMISSER
Power consumption	10W			
Measures	200 x 254 x 167,5 mm			
Weight	1,2 kg	1,2 kg	1,4 kg	1,4 kg
Housing	Halogen free flame retardant technopolymer Tecnopolímero autoextingible libre de halógenos			
Input voltage	85-264V AC / 120-370V DC			
Temperature range	-10° C to +50° C / 14° F to +122° F			
Efficiency	88%			



REFERENCES REFERENCIAS

3091210	Data Box - fiber optic converter	Data Box - convertidor fibra óptica
3091211	Data Box - 6 output Splitter	Data Box - Splitter 6 salidas
3091212	Data Box - fiber optic converter + 6 output Splitter	Data Box - convertidor fibra óptica + Splitter 6 salidas
3091213	Data Box - 2 converter DMX / optica fiber emitter	Data Box - 2 convertidor DMX / emisor fibra óptica

Note:

The information provided in this catalog, doesn't constitute legal guarantee in terms of properties and/or functionality of the products application. Also, GRUPO MCI reserves the right to change at any time and without notice, the technical specifications of our products illustrated in this catalogue, without this affecting the basic characteristics of the product.

All the dimmable luminaries (DMX, DALI, 0-10V) manufactured by GRUPO MCI use PDM technology (Pulse Density Modulation).

Nota:

Los datos facilitados en el presente catálogo, en ningún caso constituyen garantía jurídica en cuanto a propiedades y/o funcionalidad de la aplicación de los productos. Además GRUPO MCI se reserva el derecho de modificar en cualquier momento y sin previo aviso, las características técnicas de los elementos ilustrados en el presente catálogo, sin que estos afecten a las características básicas del producto.

Todas las luminarias regulables (DMX, DALI, 0-10V) fabricadas por GRUPO MCI utilizan la tecnología PDM (Pulse Density Modulation).



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