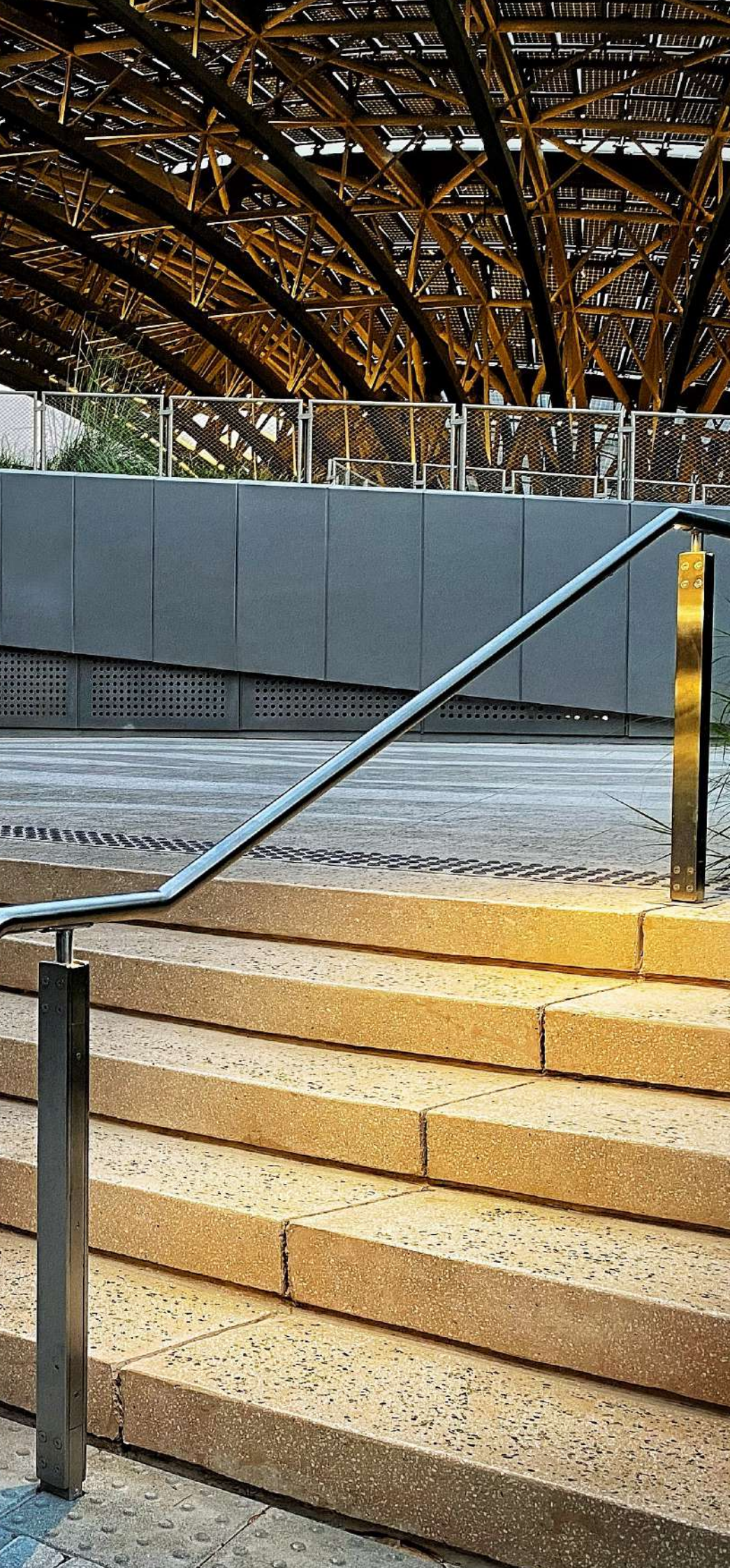


Expo DUBAI 2020,
UAE





HANDRAIL DOT Gen 2

SNAP-IN FIT



HANDRAIL DOT Gen 2

Snap-in fit

- Dot designed to be integrated in new or retrofitted handrails
 - Easy and quick installation due to snap-in fit system
 - IP66, IK10 and anti-tamper design. Ideal for outdoor applications
 - 3 beam angles: 60°, 100° (symmetric) and elliptical (asymmetric)
 - Luminous efficiency: 132 lm/W
 - Chrome brass unibody dot
 - Polycarbonate lens
- Dot diseñado para poder ser integrado en barandillas y pasamanos nuevos o existentes
 - Fácil y rápido sistema de montaje mediante clipaje
 - Ideal para exteriores: IP66, IK10 y sistema antivandálico
 - 3 ángulos de apertura: 60°, 100° (simétrico) y elíptico (asimétrico)
 - Eficiencia luminosa: 132 lm/W
 - Dot monobloque de latón cromado
 - Lente de policarbonato



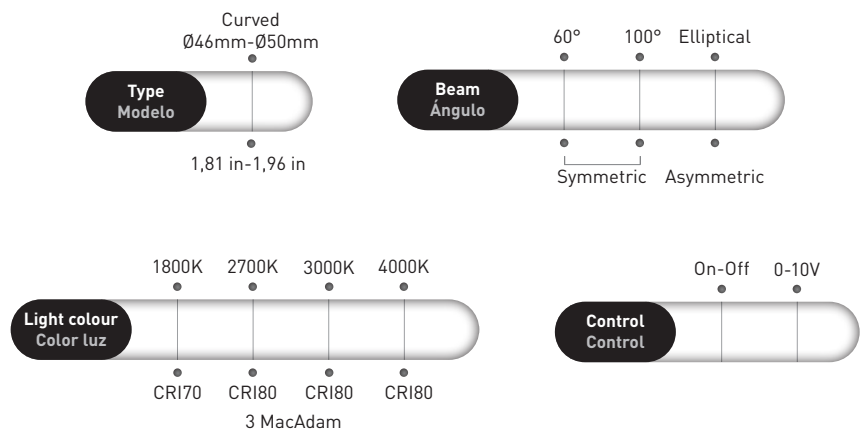
60°
Symmetric



100°
Symmetric



Elliptical
Asymmetric



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

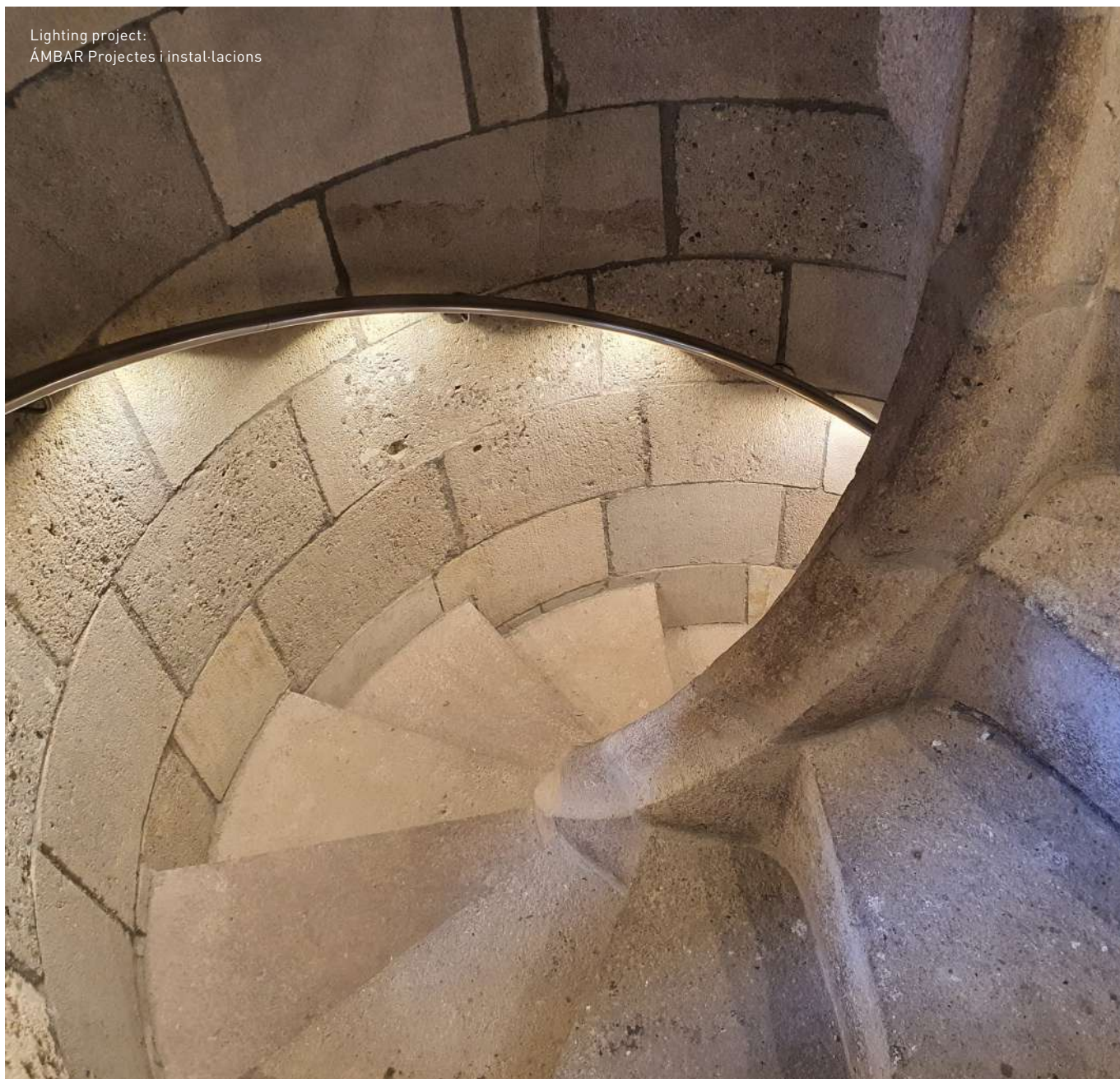
Suitable for handrails with diameter Ø48 mm.
Apto para barandillas de diámetro Ø48mm.

SPECIFICATIONS CARACTERÍSTICAS

	IP66	IK10	CRI>80	CRI>70 1800K	on/off	0-10V	Chrome brass Housing	PC Lens	L80 B10 >70.000h Ta +25°C	Ta min -20°C -4°F Ta max +50°C +122°F	CB Test	CE
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Handrail Dot Gen 2				
Power	1,5 W (500mA)			
Color temperatures	1800K	2700K	3000K	4000K
Lumens output	60° - 101 lm 100° - 137 lm Elliptical-Asym. - 105 lm	60° - 129 lm 100° - 174 lm Elliptical-Asym. - 134 lm	60° - 138 lm 100° - 187 lm Elliptical-Asym. - 144 lm	60° - 147 lm 100° - 199 lm Elliptical-Asym. - 153 lm
Luminaire efficiency	91 lm/W	116 lm/W	124 lm/W	132 lm/W
Measures / Weight	Ø14,7 x 15 mm / 0,1 kg			

Lighting project:
ÀMBAR Projectes i instal·lacions



Basilica de la Sagrada Familia,
Barcelona, SPAIN

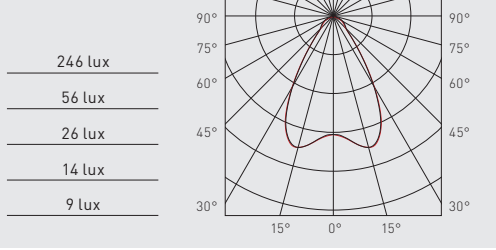
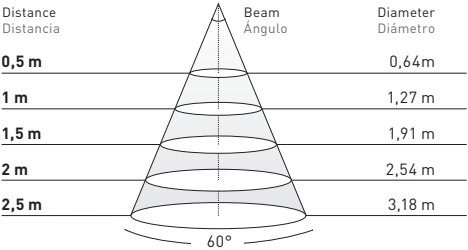
Color temperature conform to ANSI C78.377A.
Temperatura de color según normativa ANSI C78.377A.

LIGHT DISTRIBUTION CURVES
FOTOMETRÍAS

Handrail Dot

60°

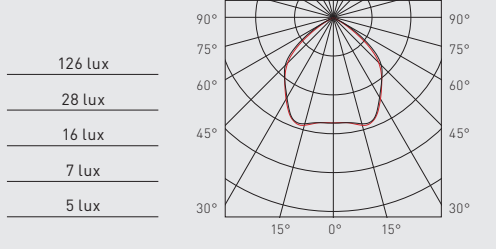
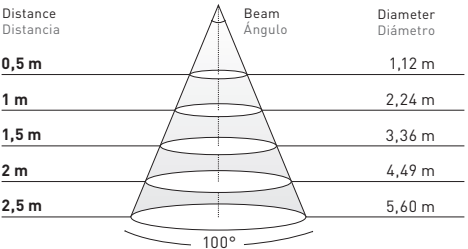
2700K



Handrail Dot

100°

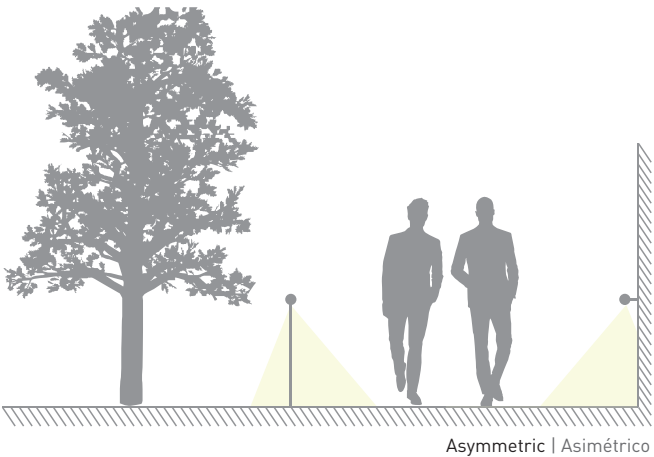
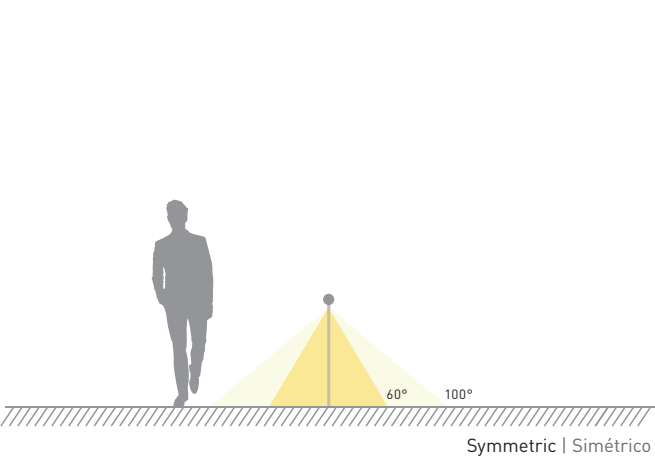
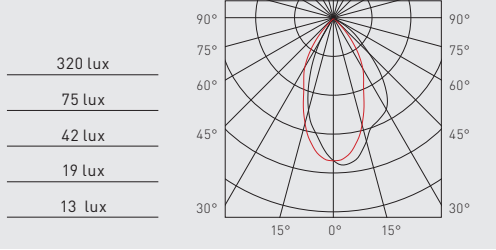
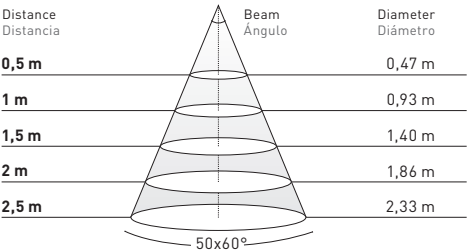
2700K



Handrail Dot Asym.

Elliptical-Asym

2700K

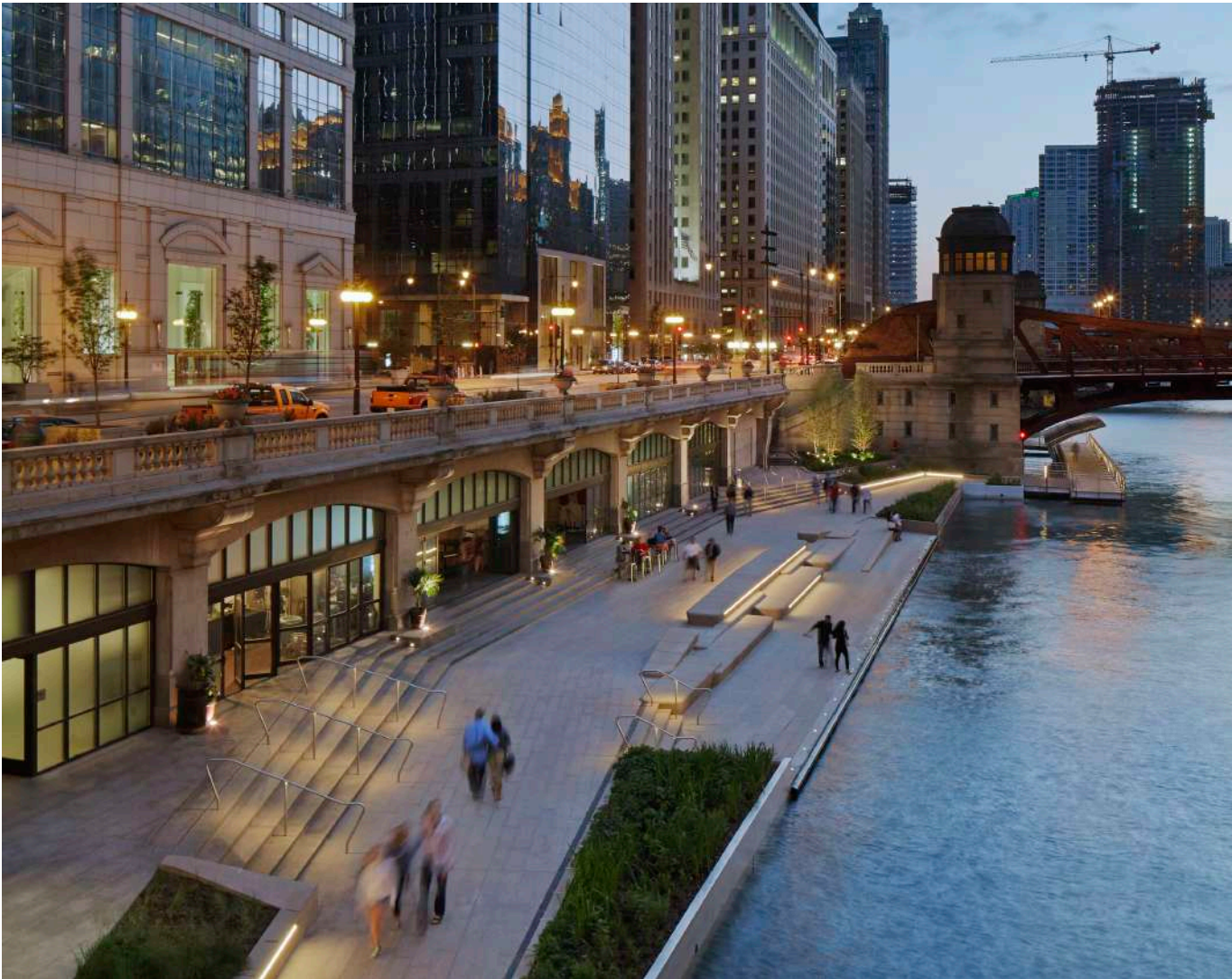
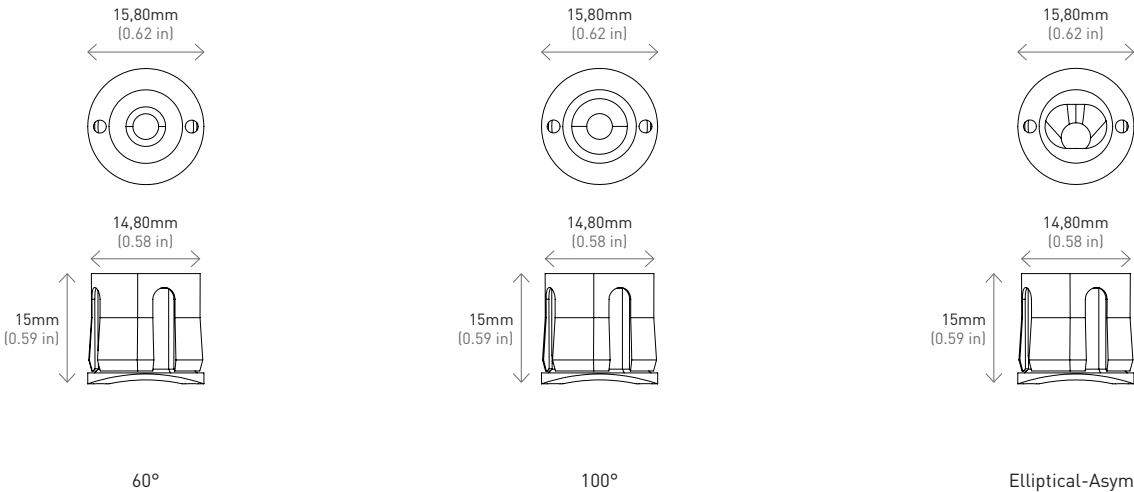


Data calculated with **Handrail Dot**.
Lumen measurement complies with **UNE-EN 13032 / IES LM-79-08** testing procedures.
Light distribution curves are available at **www.mclight.com**.
Due to continuous improvements and innovations, specifications may change without notice.

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

MEASURES
MEDIDAS

Handrail Dot



Chicago Riverwalk,
USA

HANDRAIL DOT Gen 2

Snap-in fit

FINISHES ACABADOS

In order to satisfy all our customers we offer curved types suitable for handrails with diameter from Ø46mm to Ø50mm.
Con el fin de satisfacer las necesidades de nuestros clientes, están disponibles modelos curvados aptos para barandillas de Ø46mm hasta Ø50mm.



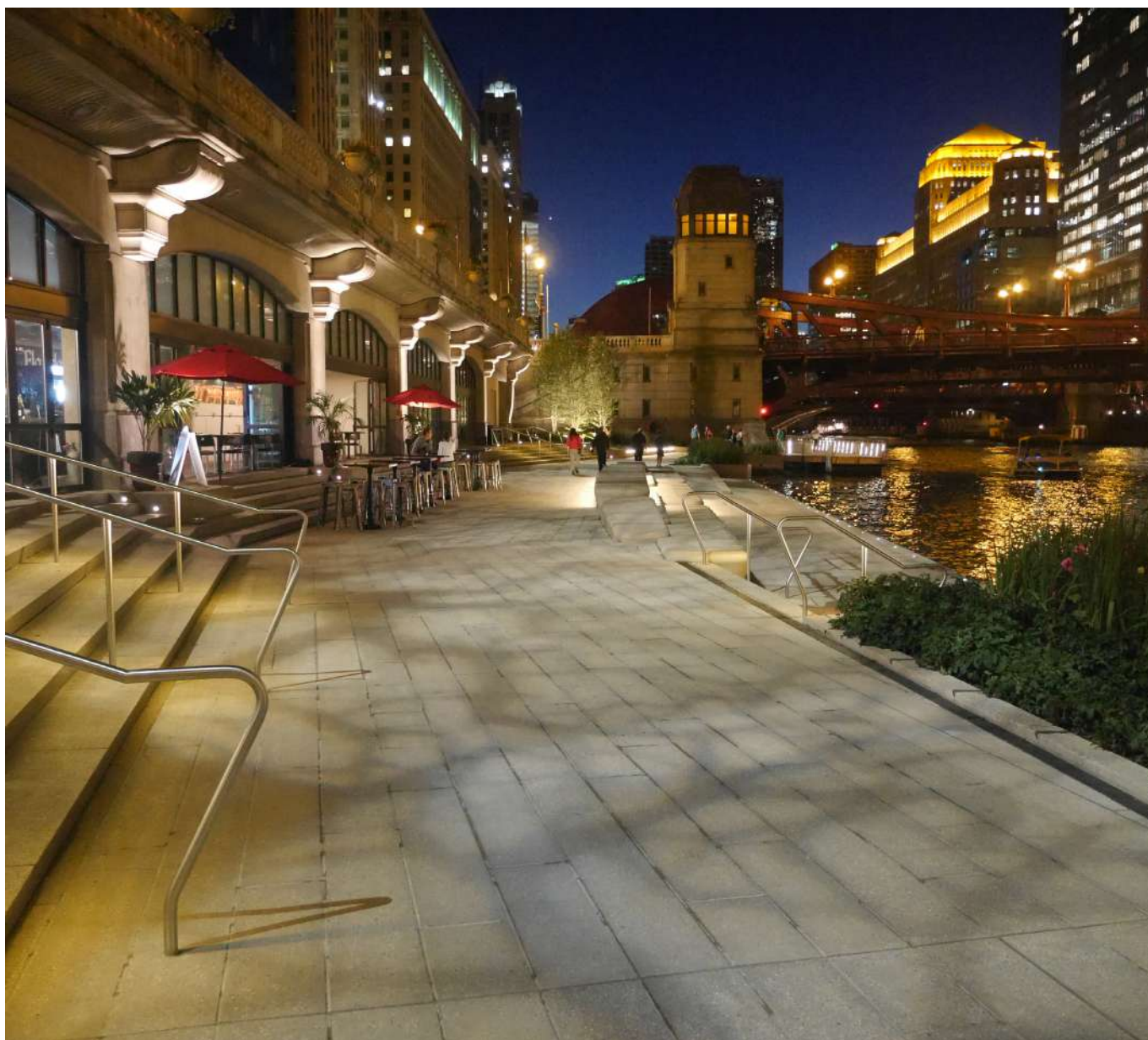
Symmetric 60° model
Modelo simétrico 60°



Symmetric 100° model
Modelo simétrico 100°



Asymmetric elliptical model
Modelo asimétrico elíptico



Chicago Riverwalk,
USA

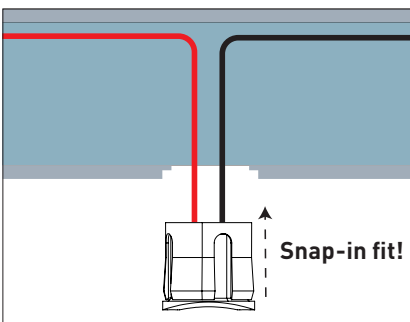
DETAILS
DETALLES



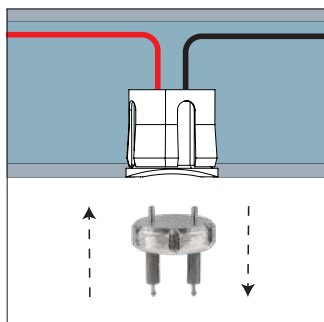
Kit for machining (ref. 7015191)
Kit para mecanizar (ref. 7015191)



Milling cutter Ø15 & Ø16 (ref. 7015192 & 7015193)
Fresa del Ø15 y Ø16 (ref. 7015192 y 7015193)



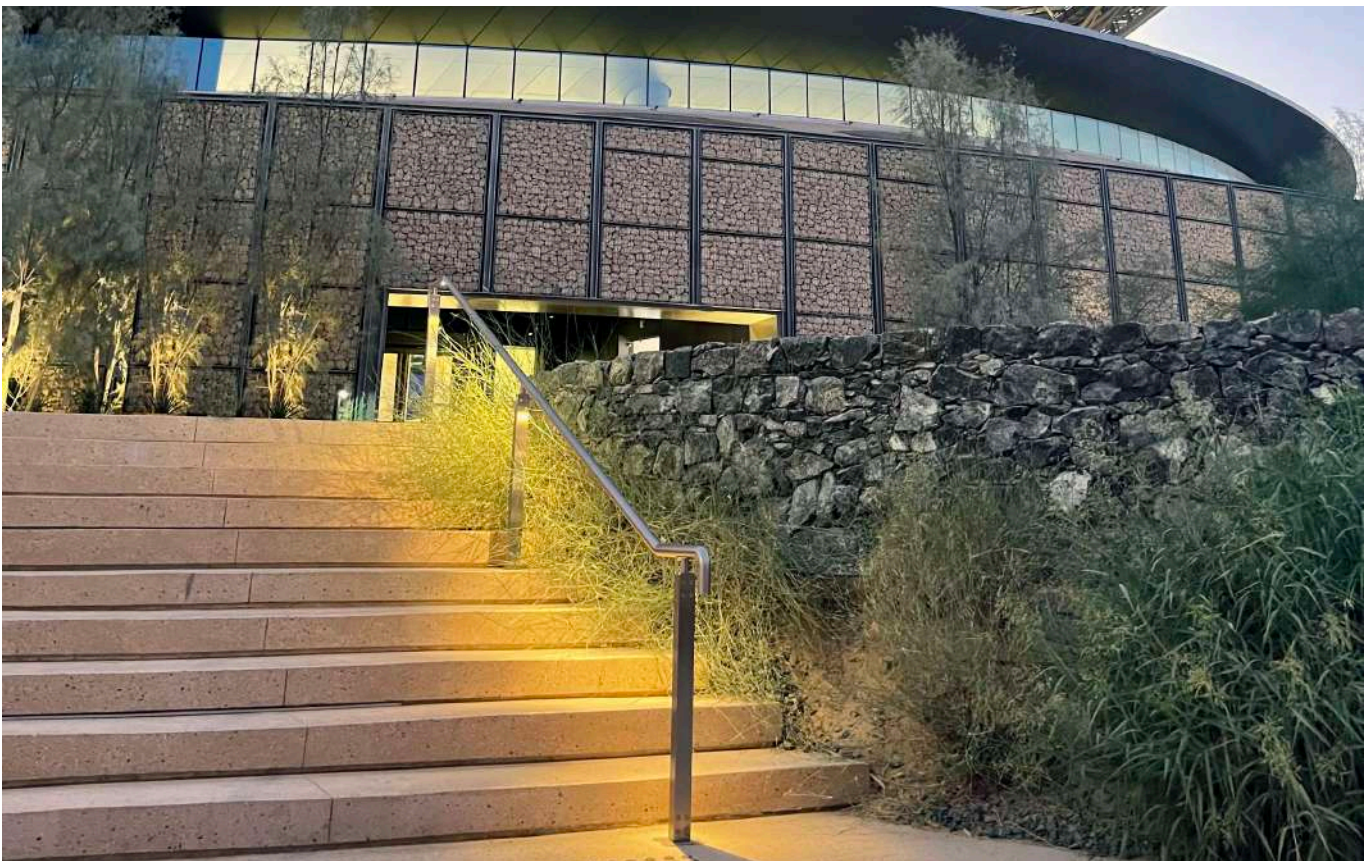
Snap-in fit. Double drill of Ø15 mm and Ø16mm to align the recessed plot.
Clipaje a presión. Doble taladro de Ø15mm y Ø16mm para que quede enrasado el plot.



Positioning and extraction tool (ref. 7015190)
Útil de posicionamiento y extracción (ref. 7015190)



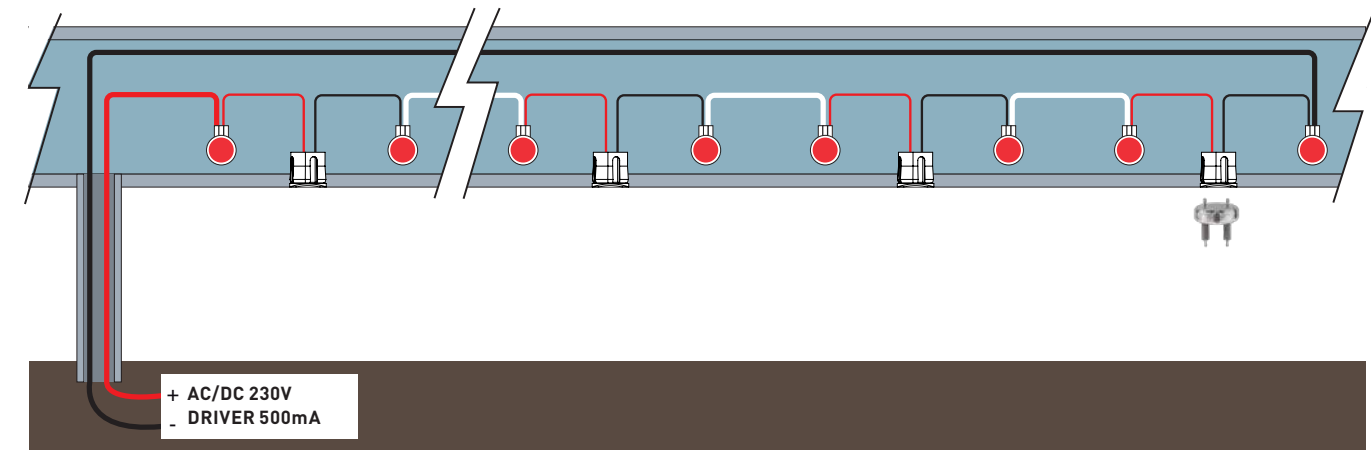
Chrome brass unibody dot
Dot monobloque de latón cromado



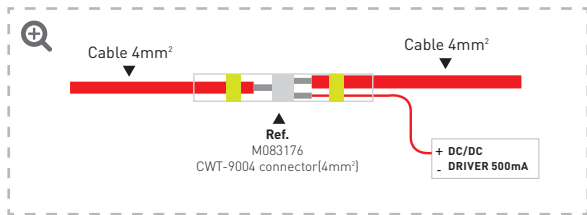
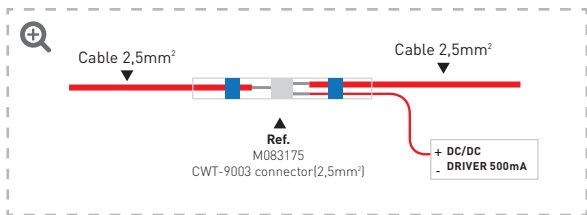
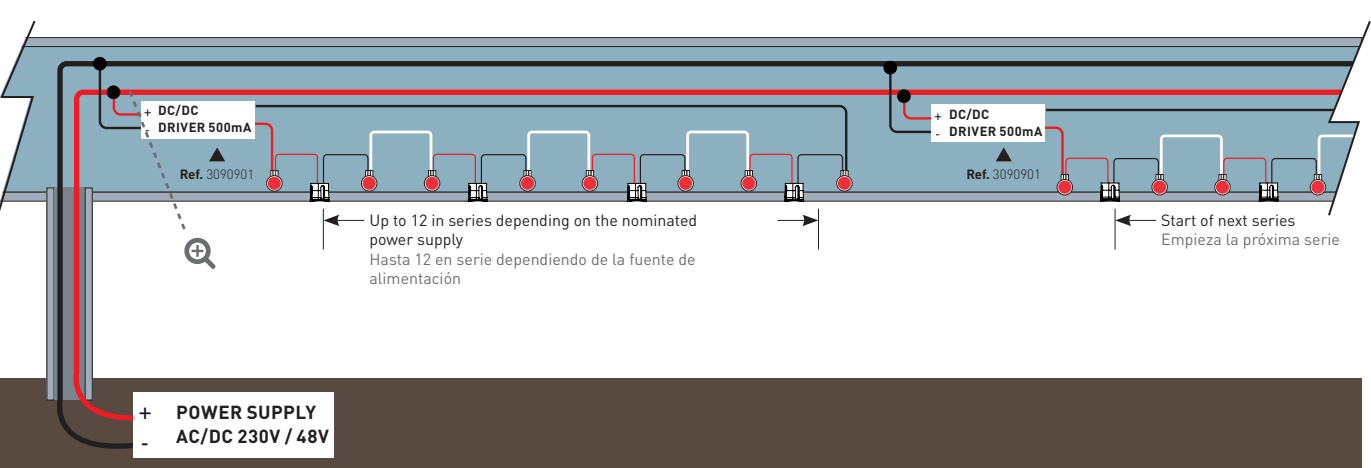
Expo DUBAI 2020,
UAE

CONNECTIONS
CONEXIONES

A External driver installation
Instalación driver externo



B In-tube driver installation
Instalación driver interno



A EXTERNAL DRIVER INSTALLATION
INSTALACIÓN DRIVER EXTERNO

3090911 (Driver)	From 1 up to 16 dots De 1 a 16 dots
3090915 (Driver)	From 9 up to 14 dots De 9 a 14 dots
3090917 (Driver)	From 25 up to 35 dots De 25 a 35 dots

B IN-TUBE DRIVER INSTALLATION
INSTALACIÓN DRIVER INTERNO

3090538 (Power supply)	Up to 8 series x 12 dots= 96 dots Hasta 8 series x 12 dots = 96 dots
3090539 (Power supply)	Up to 16 series x 12 dots= 192 dots Hasta 16 series x 12 dots = 192 dots
3090901 (Driver)	From 1 up to 12 dots De 1 a 12 dots

REFERENCES REFERENCIAS

70151 2 X /XX/XXX

COLOUR COLOR

/70/1K8 1800K
/80/2K7 2700K
/80/3K 3000K
/80/4K 4000K

ANGLE ÁNGULO

2 60°
3 100°
5 Eliptical Asymetric

TYPE MODELO

2 Curved Ø46-50 mm

 To control the luminaires via Bluetooth see page 338
Para controlar las luminarias vía Bluetooth consultar página 338

DRIVERS REFERENCES AND POWER SUPPLY REFERENCIAS DRIVERS Y FUENTE ALIMENTACIÓN



A - External driver installation | Instalación driver externo

3090911	IP68 Driver 500 mA 30W [2V-49V] On/Off, DALI	From 1 up to 16 dots De 1 a 16 dots	1
3090915	IP67 Driver 500 mA 20W [25,2V-42V] On/Off, 0-10V	From 9 up to 14 dots De 9 a 14 dots	2
3090917	IP67 Driver 350-1050 mA 75W [53V-107V] On/Off	From 25 up to 35 dots De 25 a 35 dots	3

B - In-tube driver installation | Instalación driver interno

3090538	IP67 Power Supply 150W [48V DC] On/Off	Up to 8 series x 12 dots = 96 dots Hasta 8 series x 12 dots = 96 dots	4
3090539	IP67 Power Supply 320W [48V DC] On/Off	Up to 16 series x 12 dots = 192 dots Hasta 16 series x 12 dots = 192 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

ACCESSORIES REFERENCES REFERENCIAS ACCESORIOS



M083025	End piece connector (0,4-0,7mm ²)	Conector terminal (0,4-0,7mm ²)	1
M083175	CWT-9003 connector [2,5mm ²]	Conector CWT-9003 [2,5mm ²]	2
M083176	CWT-9004 connector [4mm ²]	Conector CWT-9004 [4mm ²]	3
7015190	Positioning and extraction tool	Útil de posicionamiento y extracción	4
7015191	Kit for machining	Kit para mecanizar	5
7015192	Spare milling cutter Ø15	Recambio fresa Ø15	6
7015193	Spare milling cutter Ø16	Recambio fresa Ø16	7