

integrated handrail lighting
for safe architectural pathways

HANDRAIL

Suitable for handrails with diameter Ø48 mm.
Minimum wall thickness 1,5mm.
Apto para barandillas de diámetro Ø48mm.
Grosor mínimo de la barandilla 1,5mm.



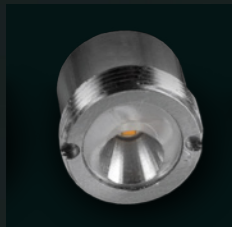
Chrome brass unibody dot
Dot monobloque de latón cromado



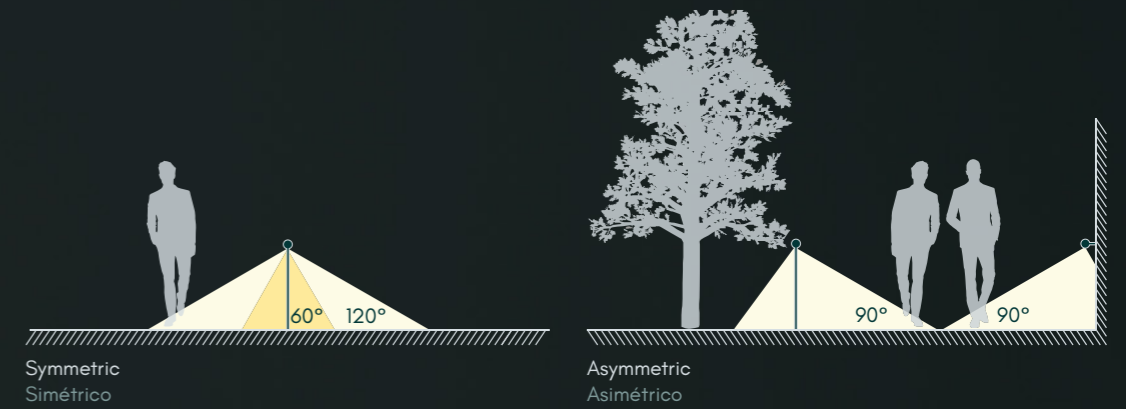
Symmetric 60°
Simétrico 60°



Symmetric 120°
Simétrico 120°



Asymmetric 90°
Asimétrico 90°

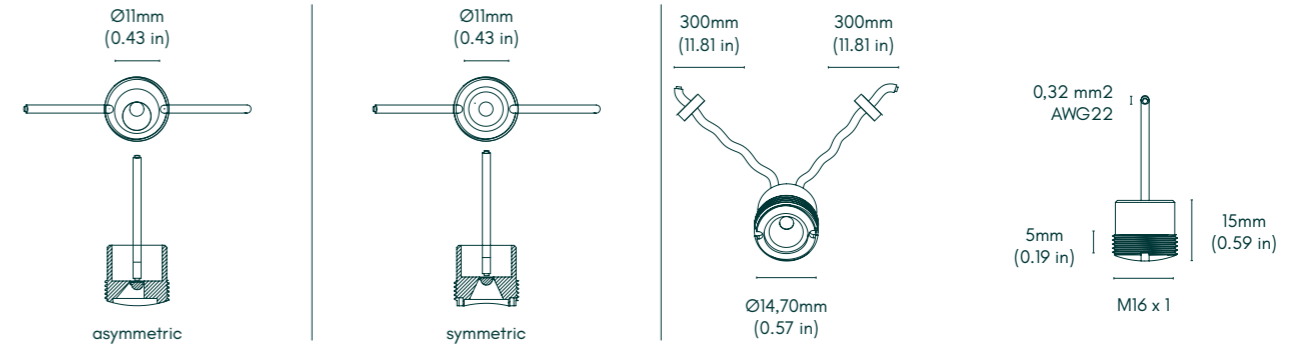


HANDRAIL DOT

Integrated handrail lighting for safe architectural pathways



MEASURES

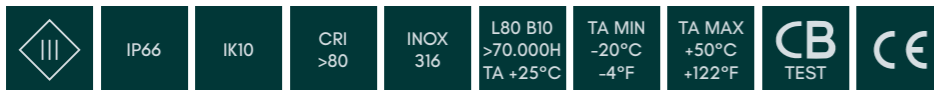


SPECIFICATIONS

HANDRAIL DOT					
Power	1,5W/ 500mA				
Color temperatures	2200K	2700K	3000K	4000K	5000K
Lumens output 60°	100 lm	114 lm	116 lm	121 lm	124 lm
Lumens output 120°	136 lm	154 lm	157 lm	164 lm	168 lm
Lumens output 90° (Asym)	105 lm	119 lm	121 lm	126 lm	129 lm
Luminaire efficiency	66 to 90 lm/W	72 to 80 lm/W	76 to 84 lm/W	86 to 96 lm/W	86 to 96 lm/W
Measures	Ø14,7 x 15 mm				
Weight	0,1 kg				

QUICKINFO

- Direct integration into handrails.
- Anti-vandal design.
- High efficiency: 132 lm/W.
- Monoblock brass body.
- Symmetric and asymmetric optics.



Type
Modelo

- Curved

Beam
Ángulo

- 60° (Symmetric)
- 120° (Symmetric)
- 90° (Asymmetric)

Light colour
Color luz

- 2200K CRI>80
- 2700K CRI>80
- 3000K CRI>80
- 4000K CRI>80
- 5000K CRI>80

3 MacAdam

Control

- On-Off
- 0-10V



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

ORDER OPTIONS

Base code Código base	Type Tipo	Beam Ángulo	CRI/Temp. CRI/Temp.
70150.	0 2 Curve	1 60° 2 120° 5 Asym	/80.2K2 80 / 2200K /80.2K7 80 / 2700K /80.3K 80 / 3000K /80.4K 80 / 4000K /80.5K 80 / 5000K

DRIVERS AND POWER SUPPLY

External driver installation (A) Instalación driver externo (A)

 30914.6 IP68 Driver 500 mA 30W (2V-49V) On/Off, DALI From 1 up to 16 dots	 30914.8 IP67 Driver 500 mA 20W (25,2V-42V) On/Off, 0-10V From 9 up to 14 dots	 30914.9 IP67 Driver 350-1050 mA 75W (53V-107V) On/Off From 25 up to 35 dots
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In-tube driver installation (B) Instalación driver interno (B)

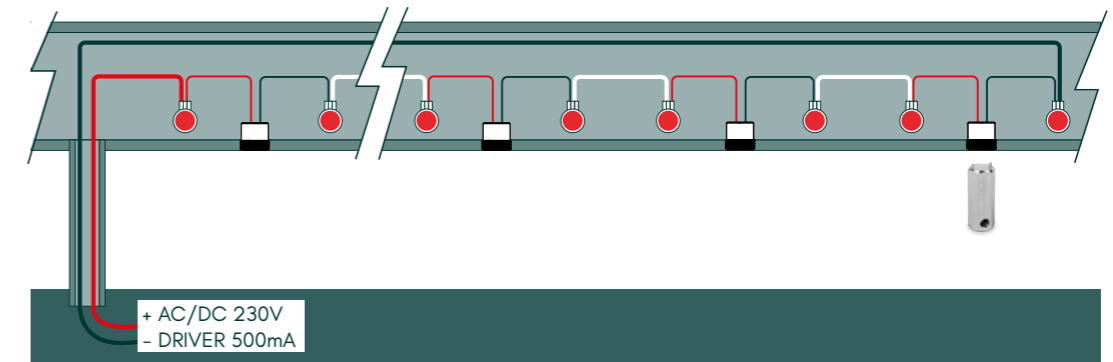
 30903.11 IP67 Power Supply 150W (48V DC) On/Off Up to 8 series x 12 dots= 96 dots	 30903.12 IP67 Power Supply 320W (48V DC) On/Off Up to 16 series x 12 dots= 192 dots	 30913.2 IP67 Driver 500 mA 18W (Input 9V-56V DC) On/Off From 1 up to 12 dots
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ACCESSORIES

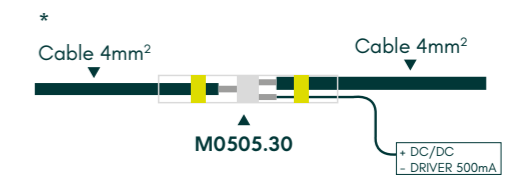
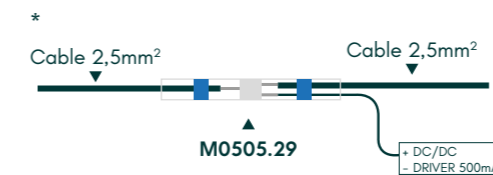
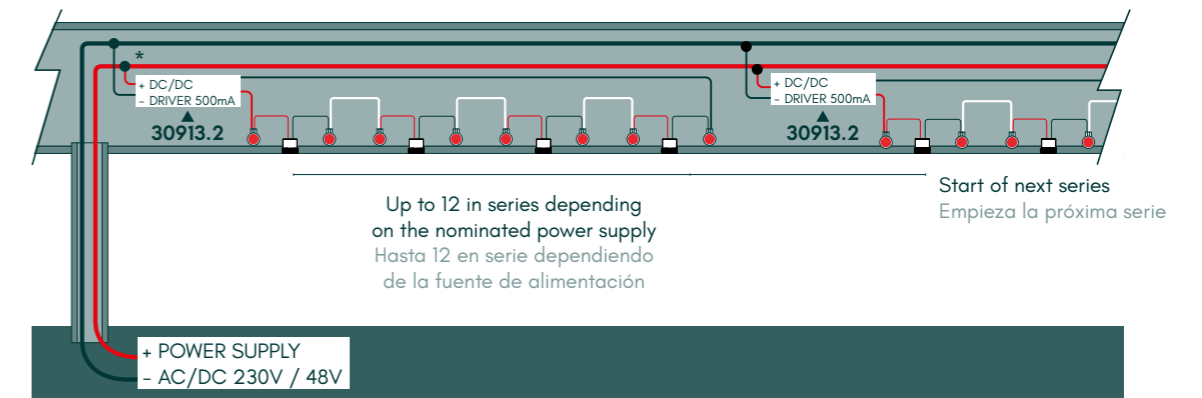
 M0505.3 End piece connector (0,5mm ²) Conector terminal (0,5mm ²)	 M0505.29 CWT-9003 connector (2,5mm ²) Conector CWT-9003 (2,5mm ²)	 M0505.30 CWT-9004 connector (4mm ²) Conector CWT-9004 (4mm ²)	 70150.800 Tightening tool Útil de apriete
 70150.801 Kit for machining M16x1mm handrail Kit para mecanizar M16 x1mm handrail	 70150.802 Spare special drill 14.75 Inox handrail mechanized kit Recambio broca especial 14,75 inox kit mecanizado handrail	 70150.803 Spare tap male M16x1 din 374 M2D handrail mechanized kit Recambio macho roscar M16x1 din 374 M2D kit mecanizado handrail	

CONNECTIONS

EXTERNAL DRIVER INSTALLATION



IN-TUBE DRIVER INSTALLATION



A - EXTERNAL DRIVER INSTALLATION

30914.6 (Driver)	From 1 up to 16 dots
30914.8 (Driver)	From 9 up to 14 dots
30914.9 (Driver)	From 25 up to 35 dots

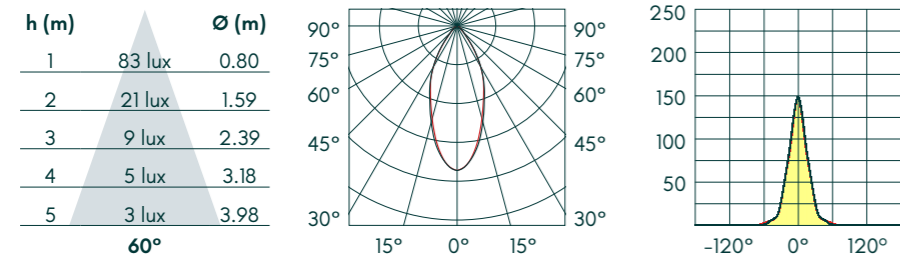
B - IN-TUBE DRIVER INSTALLATION

30903.11 (Power supply)	Up to 8 series x 12 dots= 96 dots
30903.12 (Power supply)	Up to 16 series x 12 dots= 192 dots
30913.2 (Driver)	From 1 up to 12 dots

To control the luminaires via Bluetooth see page 382.
Para controlar las luminarias via Bluetooth consultar página 382.

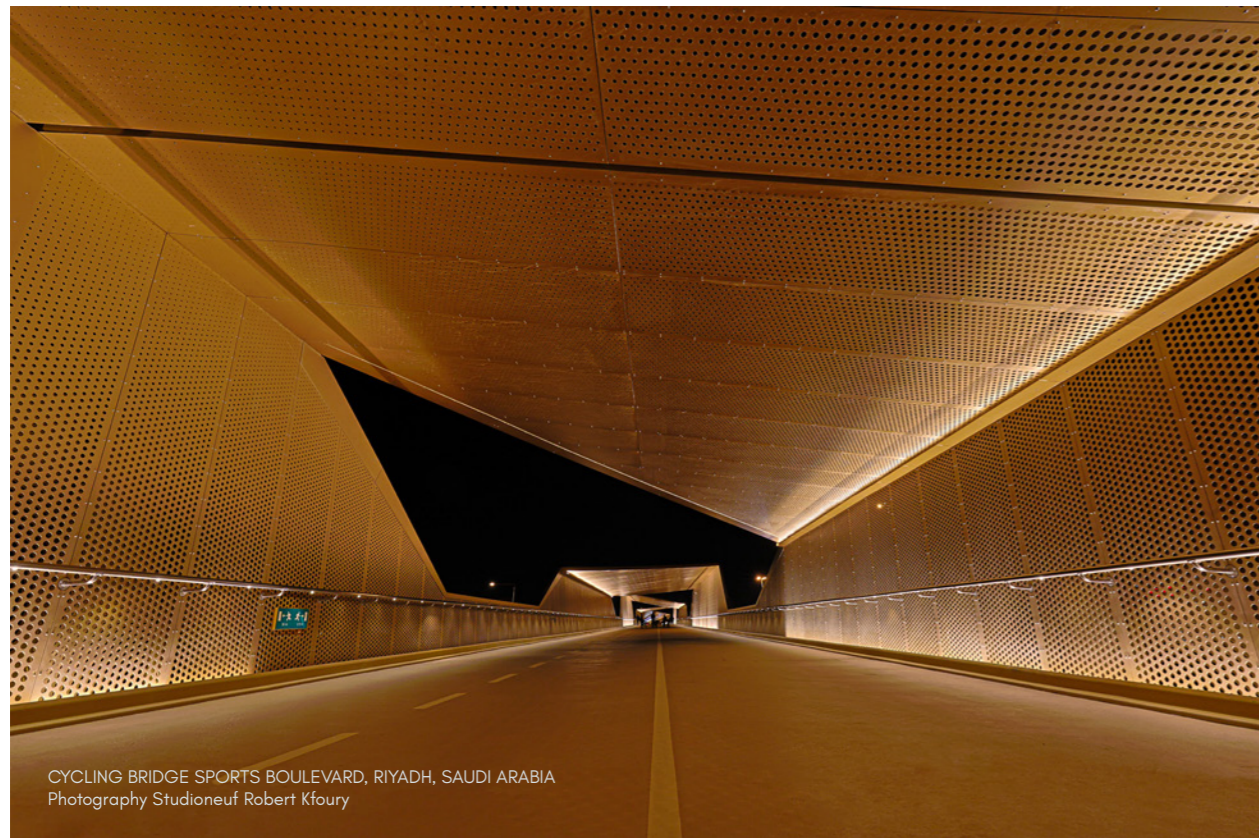
LIGHT DISTRIBUTION CURVES

1,5W 3000K



Data calculated with **Handrail**.
 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**.
 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.



CYCLING BRIDGE SPORTS BOULEVARD, RIYADH, SAUDI ARABIA
 Photography Studioneuf Robert Kfoury



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