

Underwater IP68 Underwater IP68

Cougar 12W/m Flexión Horizontal - Horizontal Bend

CO12 18-30 H

Sistema de iluminación lineal LED para uso interior o exterior. Con recubrimiento de silicona especial de transmisión térmica que cubre todo el circuito impreso y sus componentes. Uniformidad de la luz perfecta. Es capaz de soportar cambios de temperatura y lluvia.

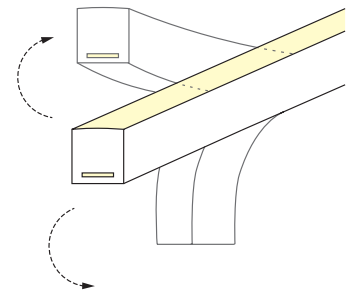
Linear LED lighting system for indoor or outdoor use. With special silicone, thermal transfer coating covering the entire printed circuit and components. Uniformity of the perfect light. It is able to withstand changes in temperature and rainfall.



12 W/m	LED SMD 3015	196 LED/m	62,5mm	113°	r min 15cm
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1800K 3000K

Referencia Reference	CCT	Lumens /m	Lumens /W
CO12-18-30-HS	1800K	500	42
	3000K	500	42



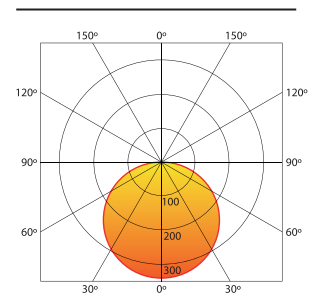
Características técnicas

Technical data

Potencia Power	12W/m
Longitud tira de LED LED strip length	A medida Custom
IP	68
CRI	>80
Voltaje Voltage	24V
Tipo de LED LED type	3015
LEDs/m	192
Ángulo Beam angle	113°
Longitud mín. corte Min. cutting length	62,5mm
Vida útil Life time	50.000h
Temperatura ambiente Ambient temperature	-40~55°C
Temperatura almacenamiento Storage temperature	-40~60°C
Años de garantía Warranty years	3
Regulable Dimmable	Sí Yes
Necesita programador Needs controller	Sí Yes
Necesita disipador Needs heatsink	No
Longitud máx. Max. length	30m ⁽¹⁾

⁽¹⁾ Conectadas en serie Connected in series

CDL



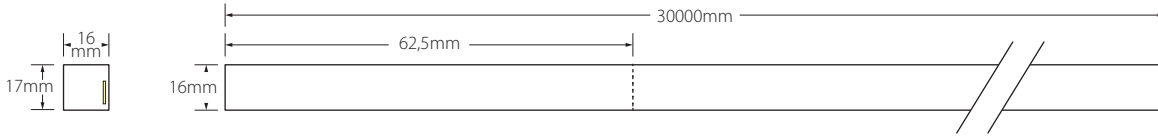
3 Warranty Years	IP 68	IK08	3 MacAdam STEPS	CRI >80	2 m max.			Si¹⁴ SILICON 28.085	24V DC			+65°C -40°C	CE	RoHS
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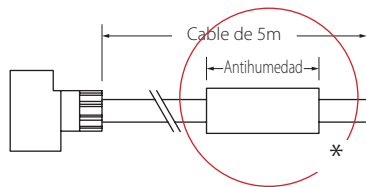
Medidas LED

LED dimensions



Conectores

Connectors



IP68

Conector IP68 para cable sumergible hasta 2m

* *No cortar para conservar garantía del producto.*
No cutting to preserve product warranty.

IP68

Doble sellado de silicona. Sumergido hasta 2m
Silicone double sealed. Submerged until 2m

111214321S



111214322S



111214323S



111214324S



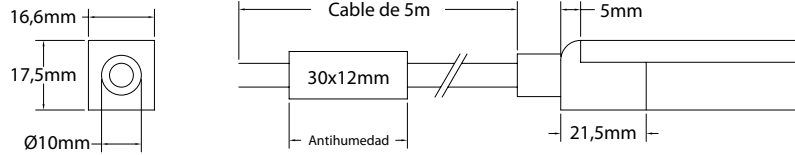
110214320S



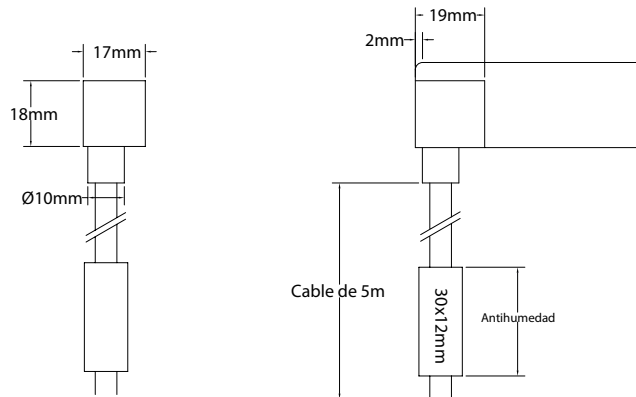
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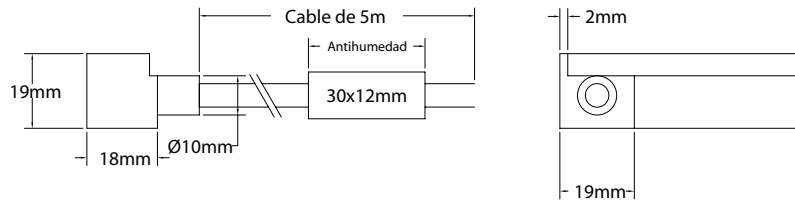
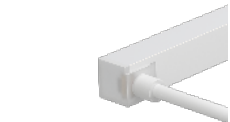
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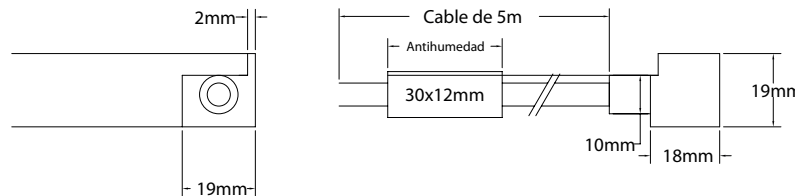
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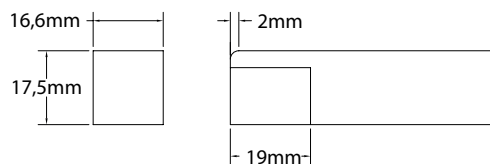
111214323S



111214324S



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+55
-40

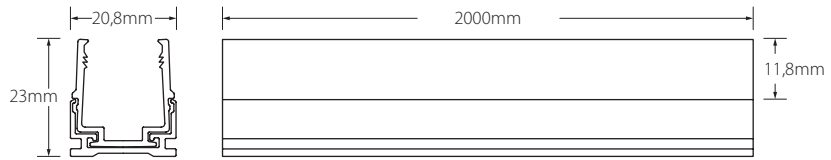
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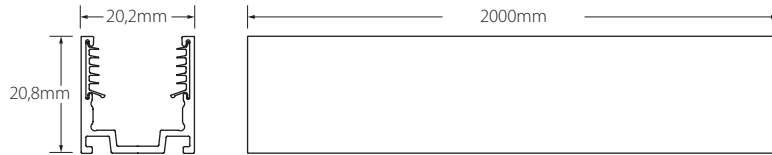
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Accesorios
Accessories

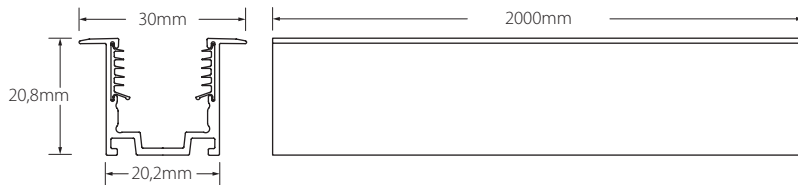
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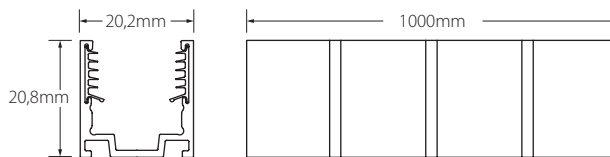
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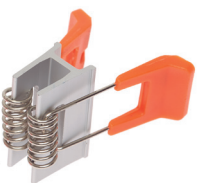
1240303007



1240305007



12503070



234001070



235001070



1215202108	35mm de corte del perfil 1240302108 35mm profile cut 1240302108
1215202007	20mm de corte del perfil 1240302007 20mm profile cut 1240302007
12503070	Grapa sujeción metálica Metal clamping piece
234001070	Clip sujeción metálico basculante Metal swing clamp
235001070	Soporte pared aluminio Aluminium wall bracket

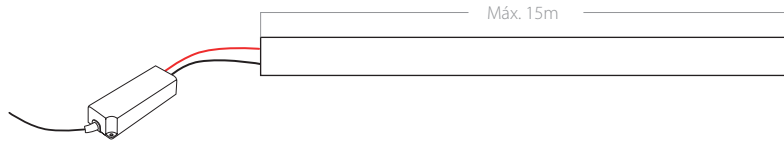
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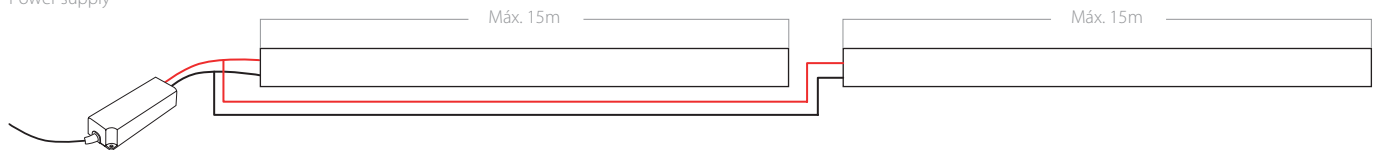
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- Esquema de conexión**
Circuit diagram

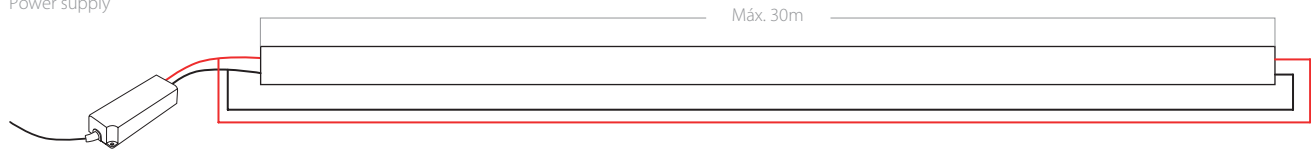
Respete las longitudes máximas para evitar caídas de tensión y variaciones en la intensidad lumínica.
Respect the maximum lengths to avoid drops voltage and variations in light intensity.



Fuente de alimentación
Power supply

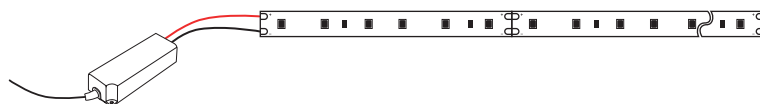


Fuente de alimentación
Power supply



Fuente de alimentación
Power supply

- Sección cable**
Cable section

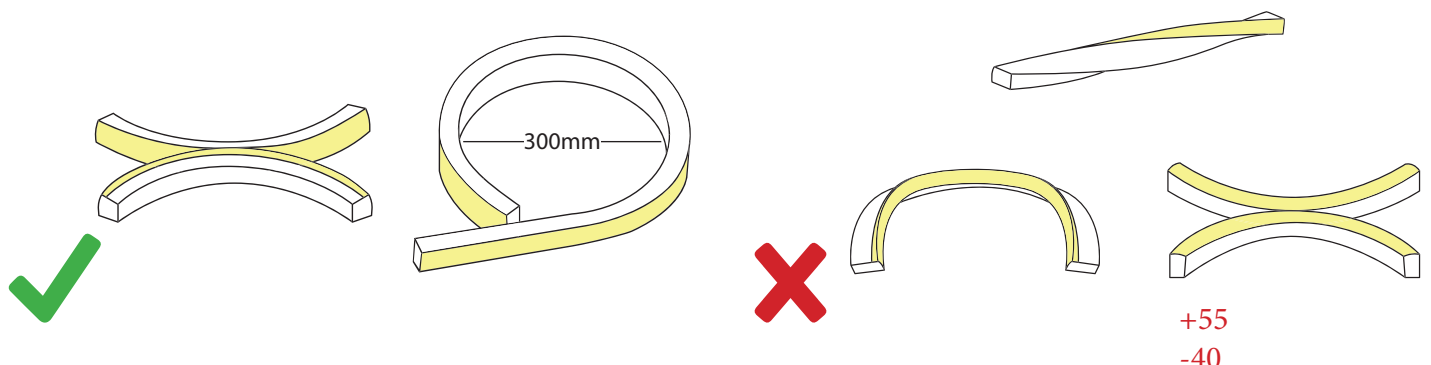


Fuente de alimentación
Power supply

	Cable		
Distancia Distance	≤ 5m	< 15m	< 25m
Sección Section	0,5mm ²	1,5mm ²	2,5mm ²

- Detalle de montaje**
Assembly detail

Doble la tira de LED según las indicaciones y corte por la marca de corte.
Fold the LED strip as shown and cut for the cut mark.



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- Vida útil**
Life time

La vida útil de nuestros LEDs es de 50.000h a una temperatura ambiente de 23°C y provistos de un sistema de disipación de calor. Se recomiendan ciclos de apagado para alargar la vida de los LEDs.
The life time of our LEDs is 50.000h at an ambient temperature of 23°C and provided with a heat dissipation system. Off cycles are recommended to extend the life of the LEDs.



Advertencias
Warnings

- Antes de instalar el LED, recuerde que para ubicar la pieza antirrotura y pasar la pieza antihumedad por el hueco donde se aloja el cable, hay que dejar un diámetro superior a 12mm.
- Vigile al manipular los cables para evitar daños en las soldaduras.
- Comprobar el funcionamiento de la tira de LED antes de colocarla.
- Los picos de tensión pueden causar daños.
- En caso de eliminar la pieza antihumedad se perderá la garantía del producto.
- Before installing the LED strip, must be located the anti-breakage piece and pass the anti-wicking ferrule through the hole where the cable is located, the diameter must be up to 12mm.
- Caution when handling cables to avoid damage to the welds.
- Check the operation of the LED strip before placing it.
- The voltage surges can cause damage.
- If the damp-proof part is removed, the product warranty will be voided.

3 Warranty Years	IP 68	IK08	3 MacAdam STEPS	CRI >80	2 m max.	Custom		Si ¹⁴ SILICON 28.085	24V DC			+55 -40	CE	
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