

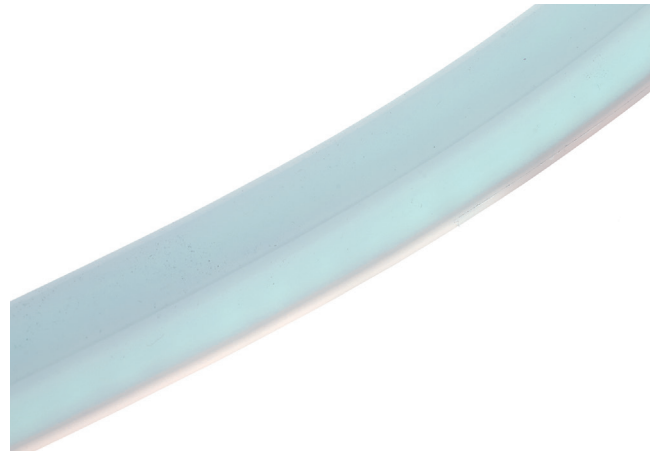
### Underwater IP68

Cougar 15W/m RGBW 3L Flexión Vertical - Vertical Bend

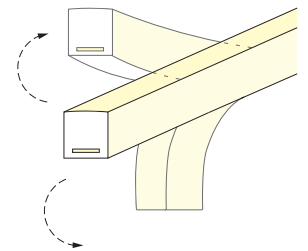
# CO15 RGBW 3L

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.



Referencia Reference	CCT + Color	Eficiencia energética Energy efficiency
CO15-RGB-275	RGB + 2700K	A
CO15-RGB-405	RGB + 4000K	A



### Características técnicas Technical data

Potencia Power	15W/m
Longitud tira de LED LED strip length	A medida Custom
IP	67 / 68
Voltaje Voltage	24V
Tipo de LED LED type	5050
LEDs/m	84
Ángulo Beam angle	272°
Longitud mín. corte Min. cutting length	83,3mm
Vida útil Life time	50.000h
Temperatura ambiente Ambient temperature	-20~50°C
Temperatura almacenamiento Storage temperature	-40~80°C
Años de garantía Warranty years	5
Regulable Dimmable	Sí Yes
Necesita programador Needs controller	Sí Yes
Necesita disipador Needs heatsink	No
Longitud máx. Max. length	10m <sup>(1)</sup>

<sup>(1)</sup> Conectadas en serie Connected in series

### Sistema control Control system



RCR-4-4



TPR-4-4

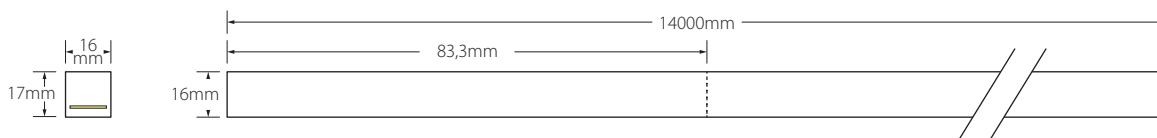


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#### Medidas LED

- LED dimensions



#### Conectores

- Connectors

#### IP67

Sellado de PVC. No sumergido  
PVC sealed. Not submerged

111212251



111212252



111212253



111212254



110212250



#### IP68

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

111212351



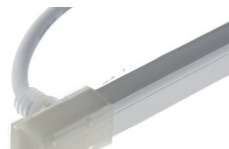
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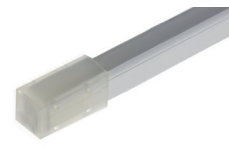
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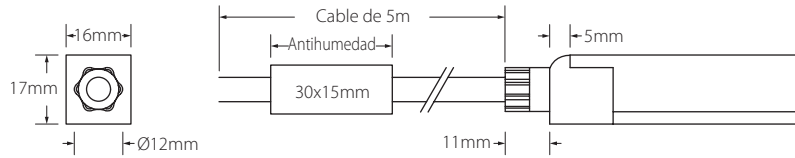
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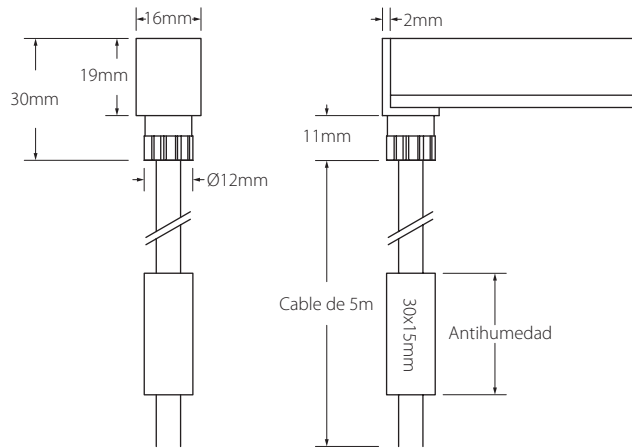
#### Medidas conectores

Connectors dimensions

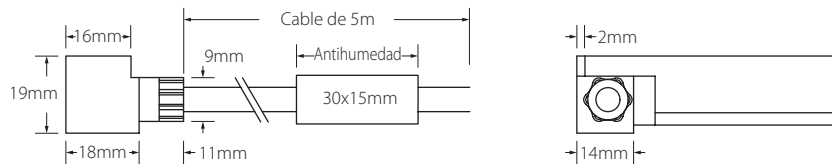
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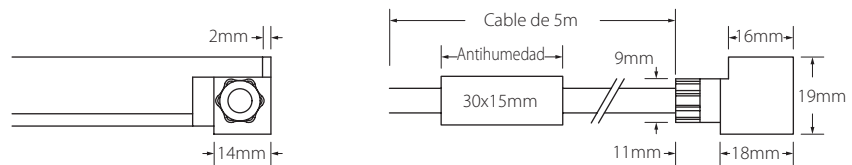
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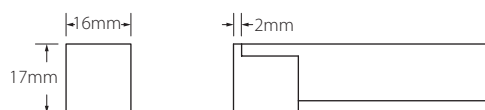
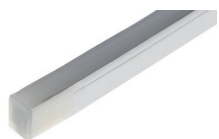
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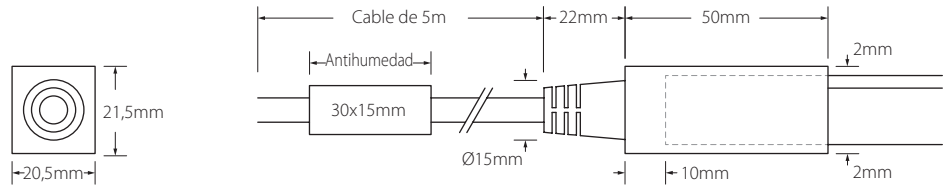
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### Cougar 15W/m RGBW 3L Flexión Vertical - Vertical Bend

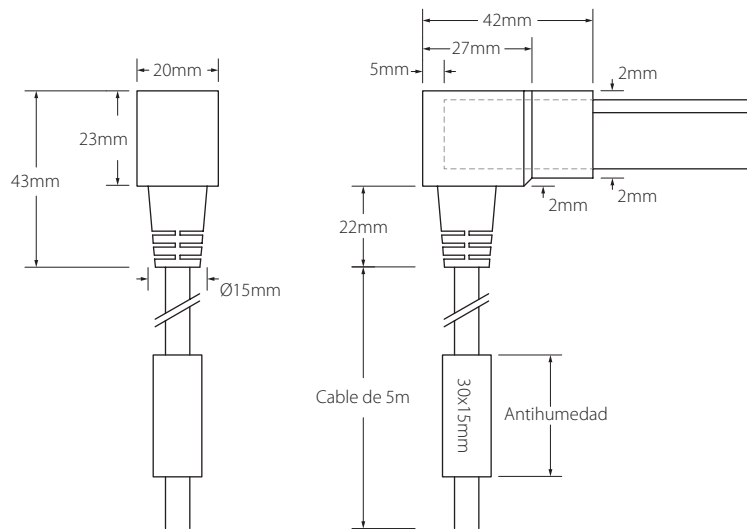
#### Medidas conectores

Connectors dimensions

#### 111212351



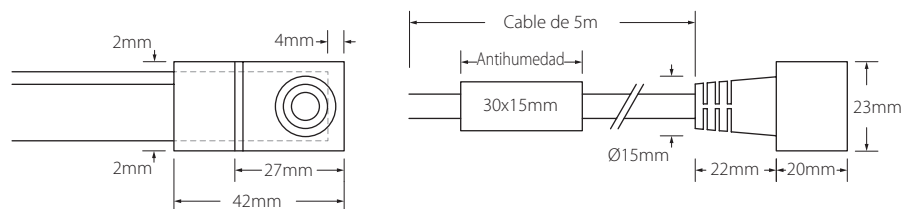
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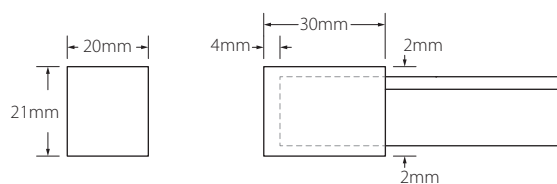
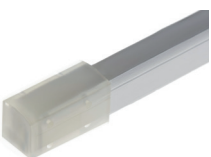
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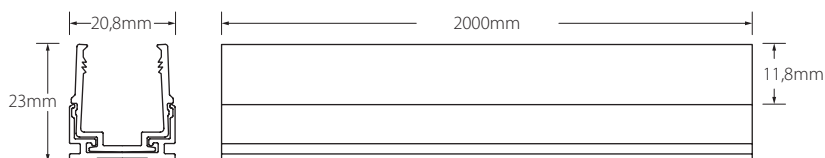


### Underwater IP68

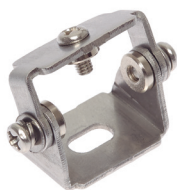
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#### Accesorios Accessories

##### 1240302108



##### 234001070



##### 235001070



<b>1240302108</b>	2m perfil superficie de aluminio con laterales transparentes	2m aluminium surface profile with clear sides
<b>1215202108</b>	35mm de corte del perfil 1240302108	35mm profile cut 1240302108
<b>234001070</b>	Clip sujeción metálico basculante	Metal swing clamp
<b>235001070</b>	Soporte pared aluminio	Aluminium wall bracket

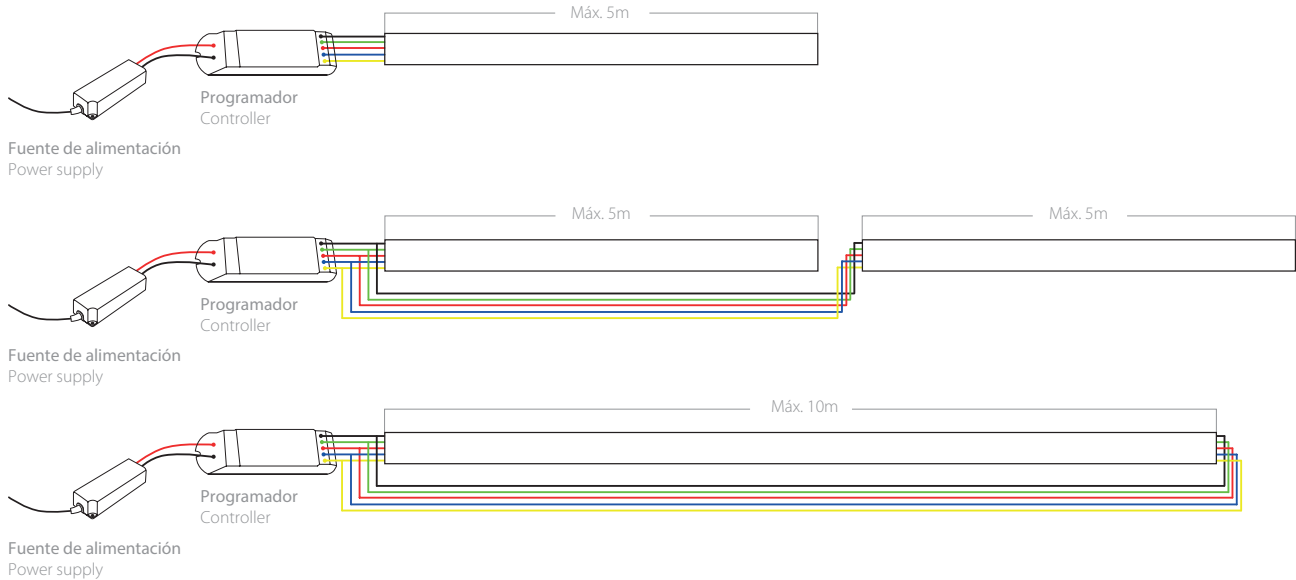


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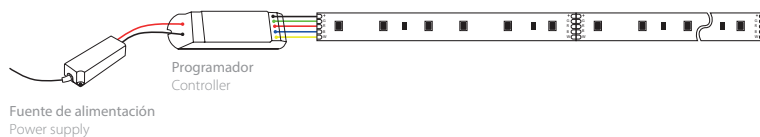
### Cougar 15W/m RGBW 3L Flexión Vertical - Vertical Bend

#### 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.



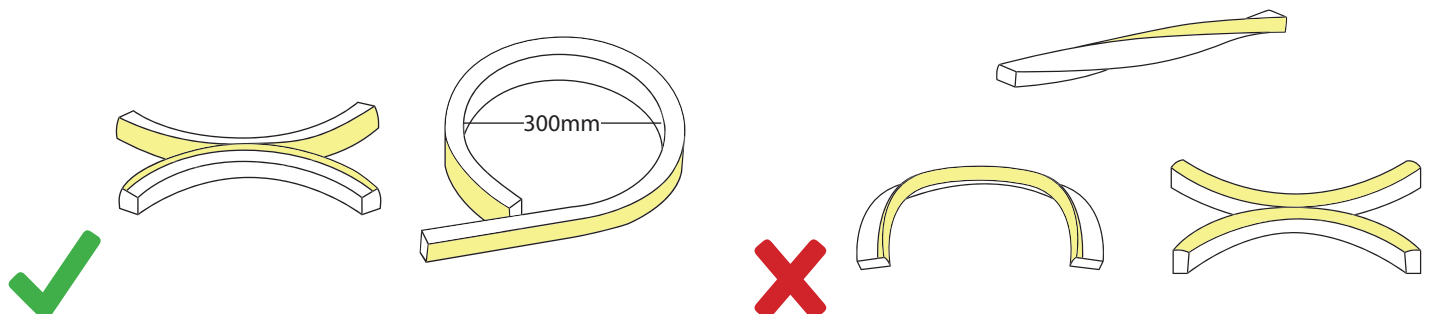
#### Sección cable Cable section



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

#### 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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#### Cougar 15W/m RGBW 3L Flexión Vertical - Vertical Bend

- **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.
- 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.

