

Underwater IP68 **Underwater IP68**

Wolf 12W/m (Dim to Warm)

# WL12-18-30

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.

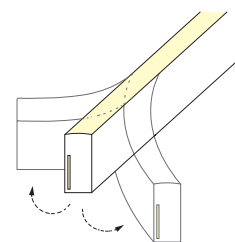
Linear LED lighting system for indoor or outdoor use. With special silicone, thermal transfer coating covering the entire printed circuit and components. Uniformity of the perfect light. It is able to withstand changes in temperature and rainfall.



<b>12</b> W/m	LED SMD <b>3015</b>	<b>144</b> LED/m	83,3mm	112°	r min 6cm
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1800K  3000K

Referencia Reference	CCT	Lumens /m	Lumens /W	Eficiencia energética Energy efficiency
WL12-18-30S	1800K	400	34	A
	3000K	400	34	A



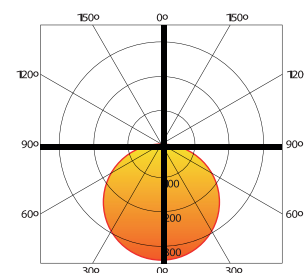
### Características técnicas

Technical data

Potencia Power	12W/m
Longitud tira de LED LED strip length	A medida Custom
IP	68
Voltaje Voltage	24V
Tipo de LED LED type	3015
LEDs/m	144
Ángulo Beam angle	112°
Longitud mín. corte Min. cutting length	83,3mm
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 <sup>(1)</sup>

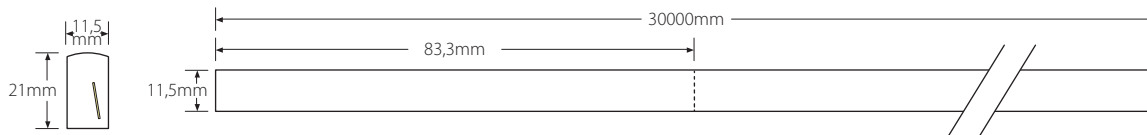
<sup>(1)</sup> Conectadas en serie Connected in series

### CDL

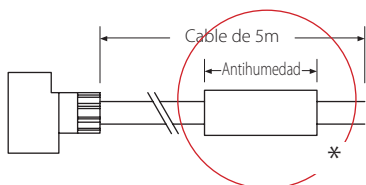


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#### Medidas LED LED dimensions



#### 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

111209321S



111209322S



111209323S



111209324S

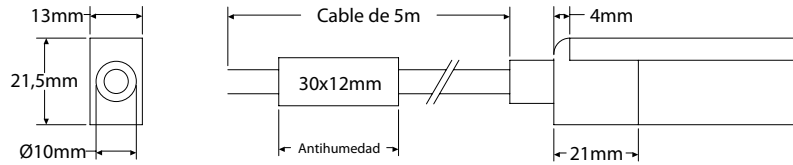


110209320S

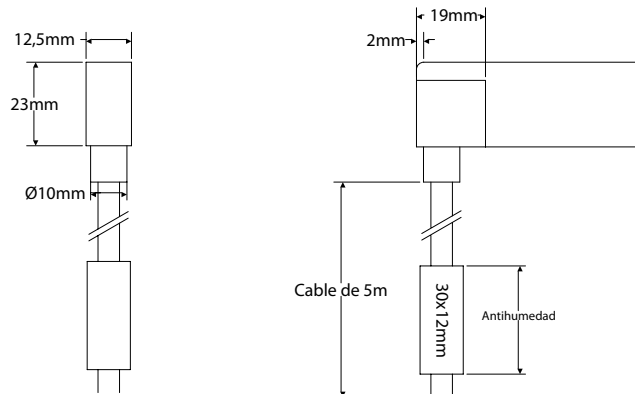


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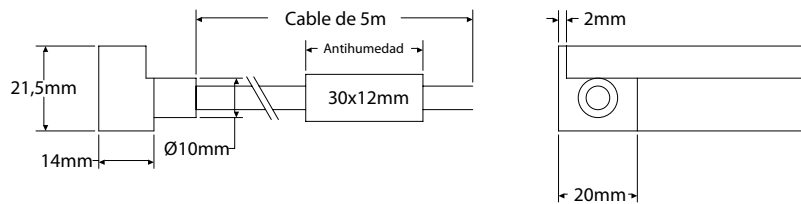
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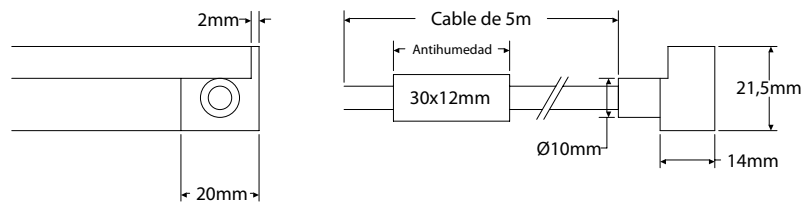
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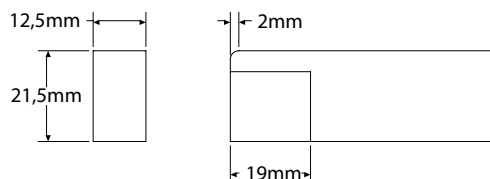
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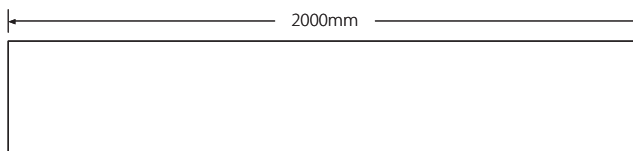
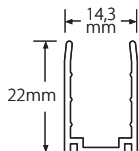
+55  
-40

<b>3</b> Warranty Years	<b>IP</b> <b>68</b>	<b>IK08</b>	<b>CRI</b> <b>&gt;80</b>	<b>3</b> MacAdam STEPS	<b>2 m</b> max.	Custom		<b>Si<sup>14</sup></b> SILICON 28.085	<b>24V</b> DC			<b>+65°C</b> <b>-40°C</b>	<b>CE</b>	<b>RoHS</b>
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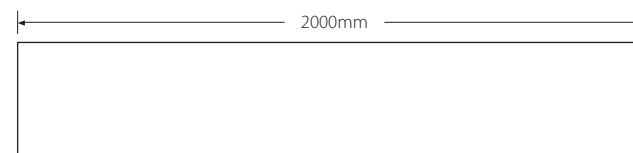
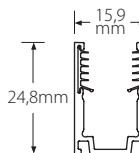
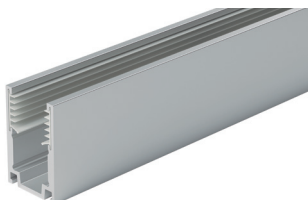
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Wolf 12W/m (Dim to Warm)

**Accesorios**  
Accessories

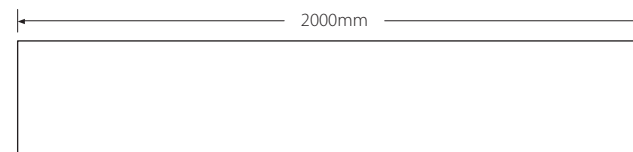
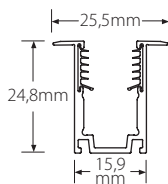
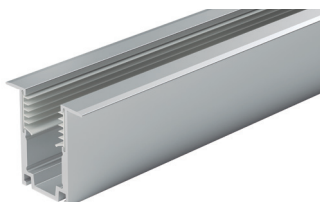
**1240201007**



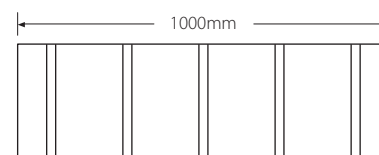
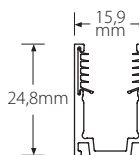
**1240202007**



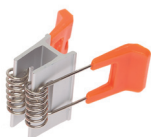
**1240203007**



**1240205007**



**12502070**



**234001070**



**235001070**



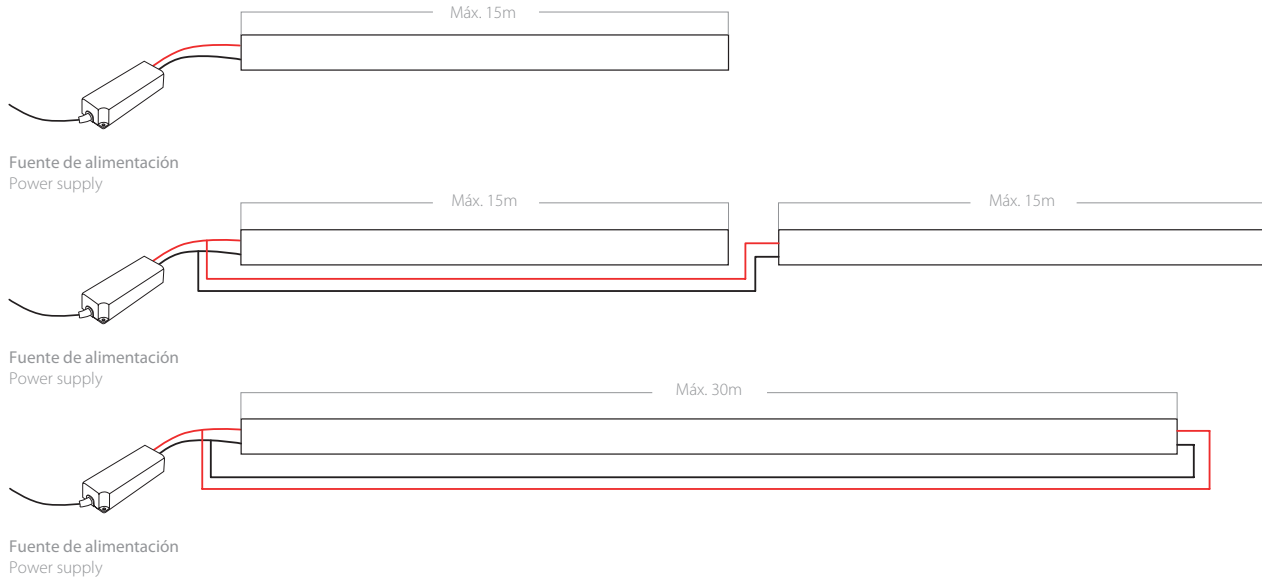
<b>1215101007</b>	50mm de corte del perfil 1240201007 50mm profile cut 1240201007
<b>1215102007</b>	20mm de corte del perfil 1240202007 20mm profile cut 1240202007
<b>12502070</b>	Grapa sujeción metálica Metal clamping piece
<b>234001070</b>	Clip sujeción metálico basculante Metal swing clamp
<b>235001070</b>	Soporte pared aluminio Aluminium wall bracket

<b>3</b> Warranty Years	<b>IP</b> <b>68</b>	<b>IK08</b>	<b>CRI</b> <b>&gt;80</b>	<b>3</b> MacAdam STEPS	<b>2 m</b> max.	Custom		<b>Si<sup>14</sup></b> SILICON 28.085	<b>24V</b> DC			<b>+65°C</b> <b>-40°C</b>	<b>CE</b>	<b>RoHS</b>
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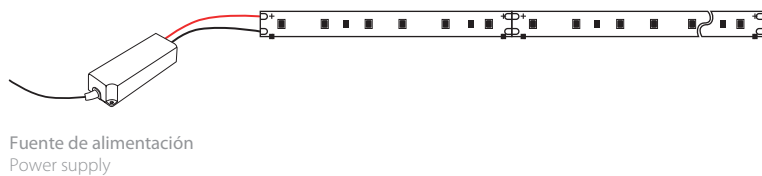
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- Esquema de conexión**  
Circuit diagram

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.



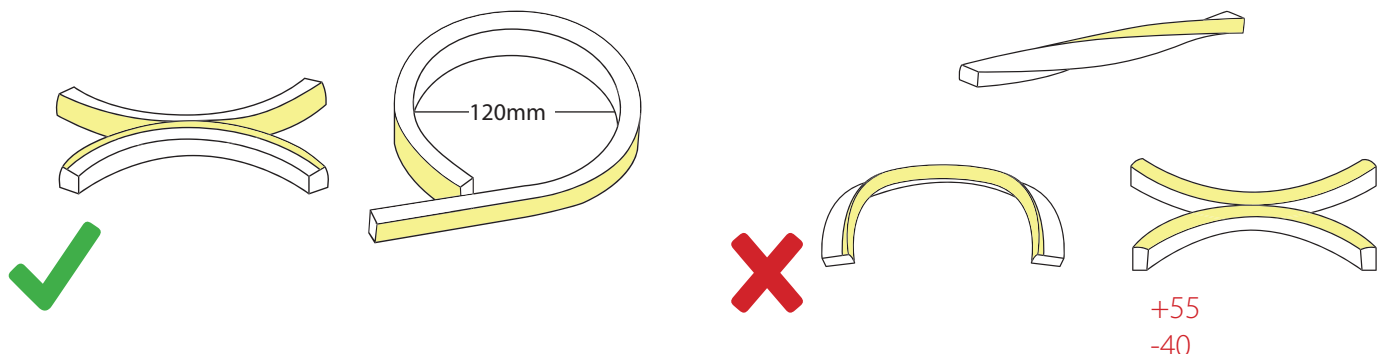
- Sección cable**  
Cable section



	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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## Underwater IP68 **Underwater IP68** Wolf 12W/m (Dim to Warm)

- 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.

