Water Resistant IP65

Profesional Water Resistant 14,4W/m

PW14,4

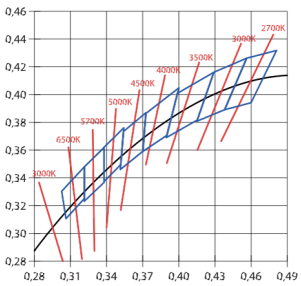
Profesional es una tira de LED flexible diseñada para todo tipo de instalaciones en exterior o interior, ideal tanto para iluminación general como de acento. Con una gran relación calidad-precio, combina eficiencia lumínica, fiabilidad y versatilidad de aplicación.

Professional is a flexible LED strip designed for all types of indoor and outdoor installations, ideal for both general and accent lighting. With a great price-performance ratio, it combines luminous efficiency, reliability and versatility of application.

4 Warranty Years | IP 65 | CRI >90 | R9 >50 | 5 MacAdam STEPS | LED SMD 2835 | 14,4 W/m | 180 LED/m | 33,3mm | 5m | 30m | Needs Profile | 120º | 24V DC

Referencia Reference	**CCT**	**Lumens /m**	**Lumens /W**	**Eficiencia energética** Energy efficiency
PW14,4-27	2700K	1383	92	F
PW14,4-30	3000K	1408	95	F
PW14,4-40	4000K	1541	105	F

5 Pasos MacAdam
5 MacAdam steps

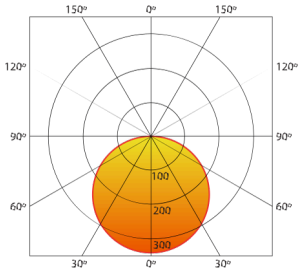


Características técnicas
Technical data

Potencia Power	14,4W/m
Potencia rollo 5m Roll power 5m	72W
IP	65
CRI	>90
R9	>50
Voltaje Voltage	24V
Tipo de LED LED type	2835
LEDs/m	180
Pitch	4,17mm
Ángulo Beam angle	120º
Longitud mín. corte Min. cutting lenght	33,3mm
Longitud rollo Roll length	5/30m
Vida útil Life time	50.000h
Temperatura ambiente Ambient temperature	-20~50ºC
Temperatura almacenamiento Storage temperature	-40~80ºC
Años de garantía Warranty years	4
Regulable Dimmable	Sí
Necesita disipador Needs heatsink	Sí Yes
Longitud máx. Max. lenght	20m (1)

(1) **Conectadas en serie** Connected in series

CDL



24V DC | +50ºc -20ºc | Dimmable | Needs Profile

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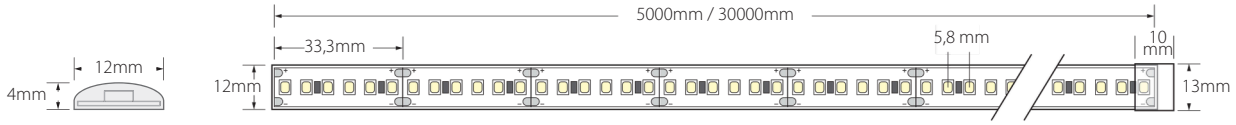
•Medidas

Dimensions

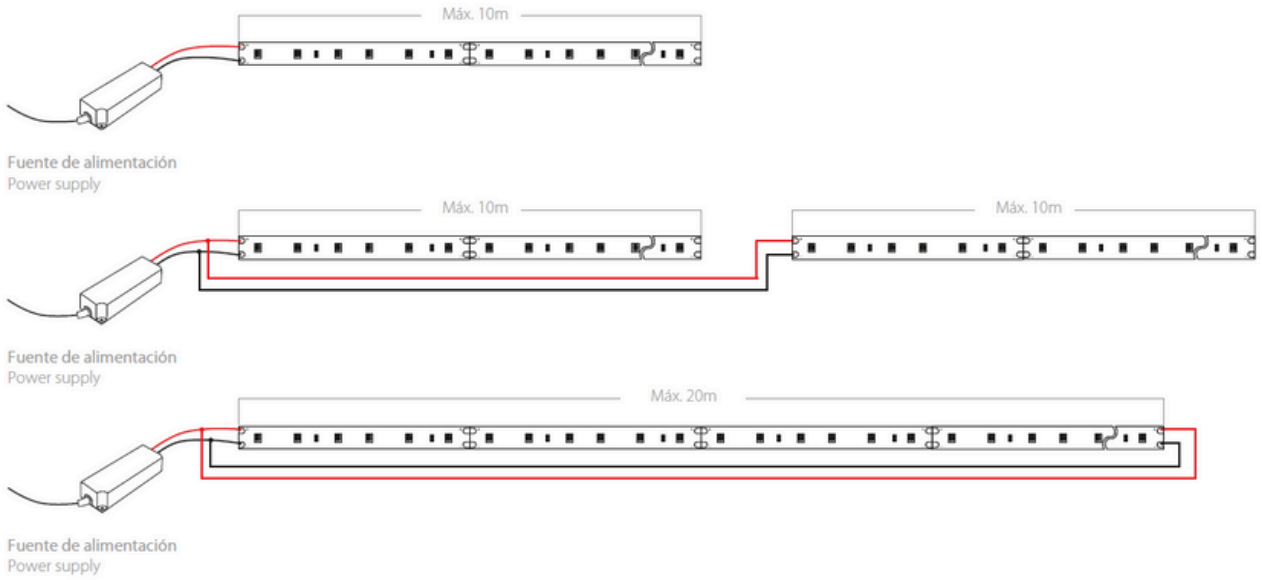


• Esquema de conexión

Circuit diagram

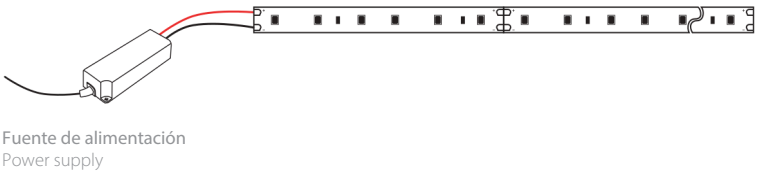
Respete las longitudes máximas para evitar caídas de tensión y variaciones en la intensidad lumínica.

Respect the maximum lengths to avoid drops voltage and variations in light intensity.



• Sección cable

Cable section



			Cable
Distancia Distance	≤ 5m	< 15m	< 25m
Sección Section	0,75mm2	2,5mm2	4mm2

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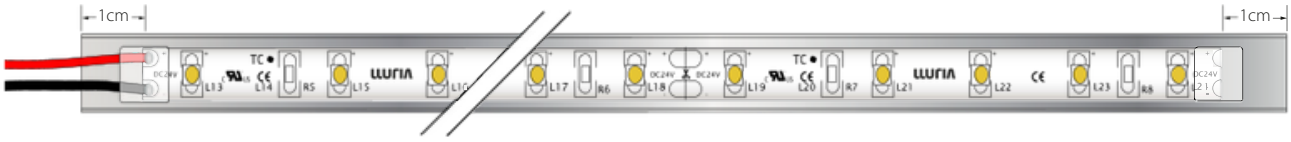
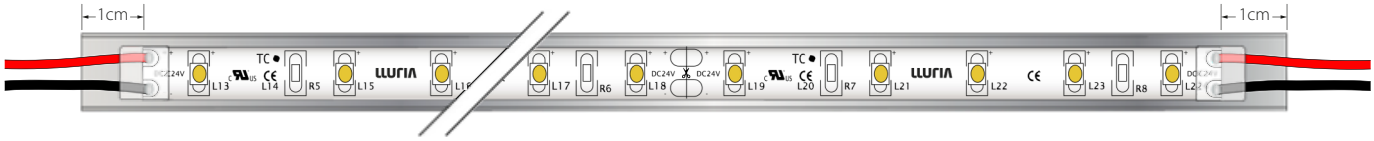
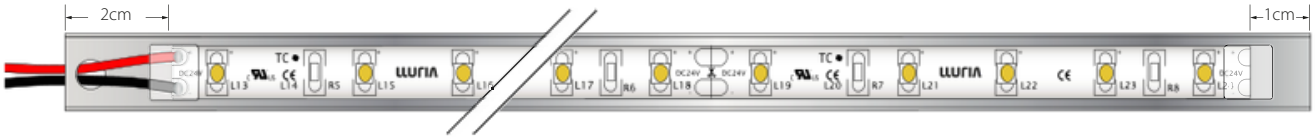
- **Distancia LED - Perfil**
  Distance LED - Profile

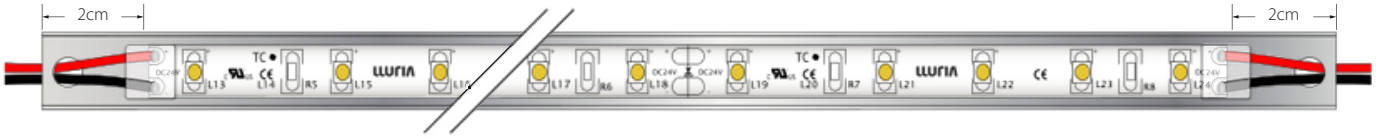
Distancia mínima que se debe dejar en los extremos, ambos lados, entre tira de LED y perfil.

Minimum distance that should be left at the ends, both sides, between LED strip and profile.





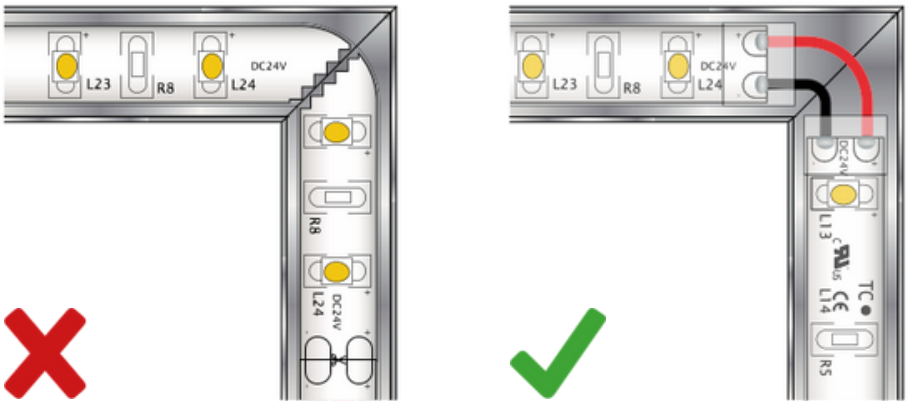




- **Detalle de montaje**
  Assembly detail

No doble la tira de LED para adaptarla a radios o ángulos pronunciados, corte por la marca y suelde un tramo de cable para poder realizar el giro.

Do not bend de LED strip to adapt them to sharp radius or angle, cut for the cut mark and weld a section of cable to make the turn.



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- **Vida útil**
  Life time

La vida útil de nuestros LEDs es de 50.000h a una temperatura ambiente de 23ºC 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 23ºC and provided with a heat dissipation system.
Off cycles are recommended to extend the life of the LEDs.

Advertencias
Warnings

· Con el fin de garantizar la vida del LED, es obligatorio colocarlo sobre una superficie que disipe el calor que generan.

· Vigile al manipular los cables para evitar daños en las soldaduras.
· Los picos de tensión pueden causar daños.
· Si se utiliza difusor con el perfil disipador, puede haber variaciones en la temperatura de color.
· To ensure the life of the LED, it is request to place on a surface that dissipates the heat they generate.
· Caution when handling cables to avoid damage to the welds.
· The voltage surges can cause damage.
· If diffuser is used with the dissipating profile, there may be variations in the color temperature.

24V DC | +50ºc -20ºc | Dimmable | Needs Profile | F | CE | RoHS | FC