Inside IP20
Nature 28,8W/m

NA28,8

Tira de LED flexible que emula la calidad lumínica del sol. Se caracteriza por tener el índice de idelidad cromática muy alto y por su capacidad de reproducir colores con un nivel de saturación muy parecido al del sol. Para uso interno.

Flexible LED strip that emulates the light quality of the sun. It is characterized by having a very high color Fidelity index and its capicidad of reproducing colors with a saturation level very similar to the sun. For internal use.

8 Warranty Years | IP20 | RG >100 | RF >95 | 120 LED/m | One BIN | 5m | 120º

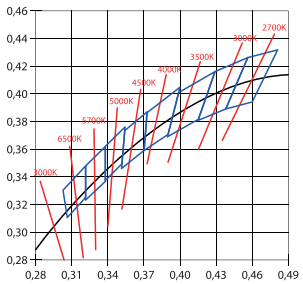
Referencia Reference	**CCT**	**Lumens /m**	**Lumens /W**
NA28,8-30	3000K	2050	71
NA28,8-40	4000K	2200	76

Características técnicas
Technical data

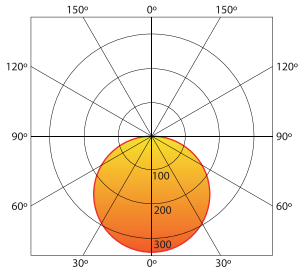
Potencia Power	28,8W/m
Potencia rollo 5m Roll power 5m	144W
IP	20
Rf	>95
Rg	>100
CRI	>98
R9	>90
Voltaje Voltage	24V
Tipo de LED LED type	2835
LEDs/m	120
Pitch	4,17mm
Ángulo Beam angle	120º
Longitud mín. corte Min. cutting lenght	50mm
Longitud rollo Roll length	5m
Vida útil Life time	50.000h
Temperatura ambiente Ambient temperature	-20~50ºC
Temperatura almacenamiento Storage temperature	-40~80ºC
Años de garantía Warranty years	8
Regulable Dimmable	Sí Yes
Necesita disipador Needs heatsink	Sí Yes
Longitud máx. Max. lenght	6m [1]

[1] **Conectadas en serie** Connected in series

3 Pasos MacAdam
3 MacAdam steps



CDL



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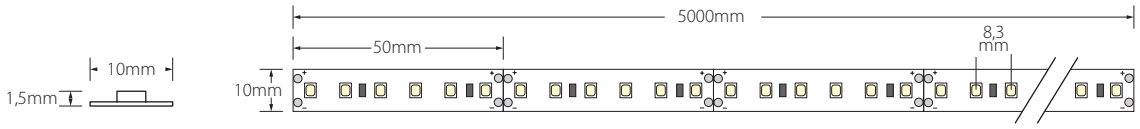
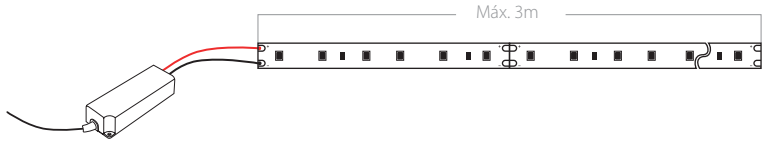
• Medidas LED
LED dimensions

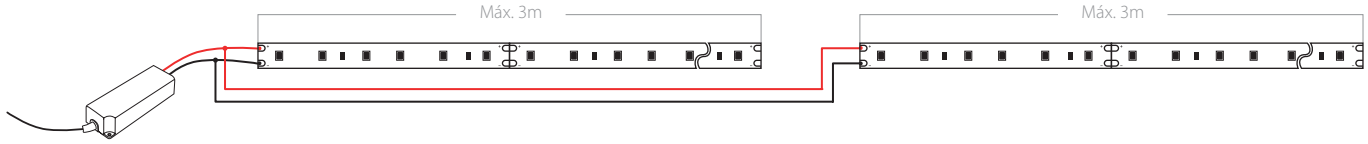


• Esquema de conexión
Circuit diagram

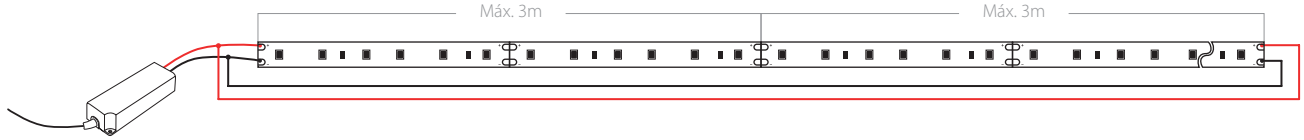
Respete las longitudes máximas para evitar caídas de tensión y variaciones en la intensidad lumínica.
Respect the maximum lengths to avoid drops voltage and variations in light intensity.



Fuente de alimentación
Power supply

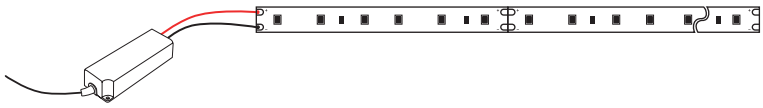


Fuente de alimentación
Power supply



Fuente de alimentación
Power supply

• Sección cable
Cable section



Fuente de alimentación
Power supply

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

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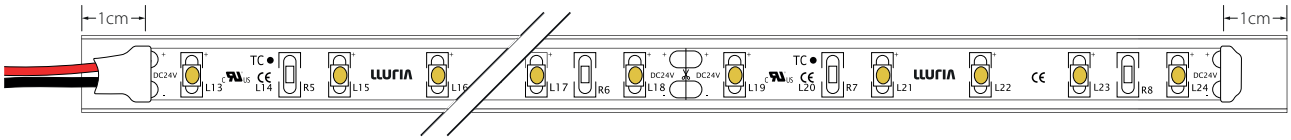
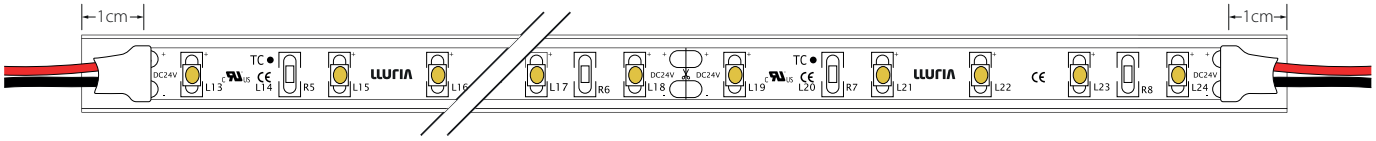
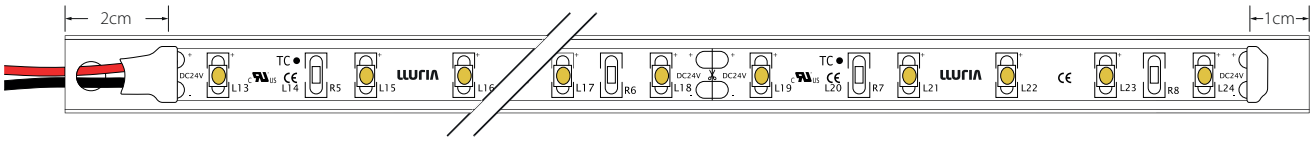
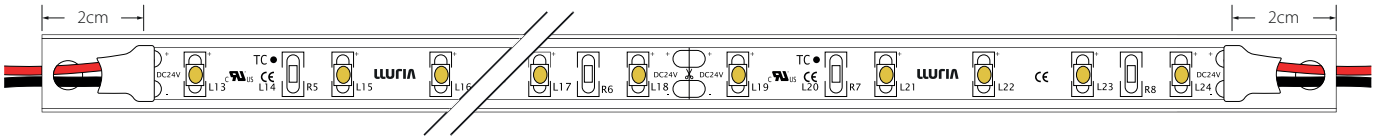
• Distancia LED- Perfil
Distance LED- Profile

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.



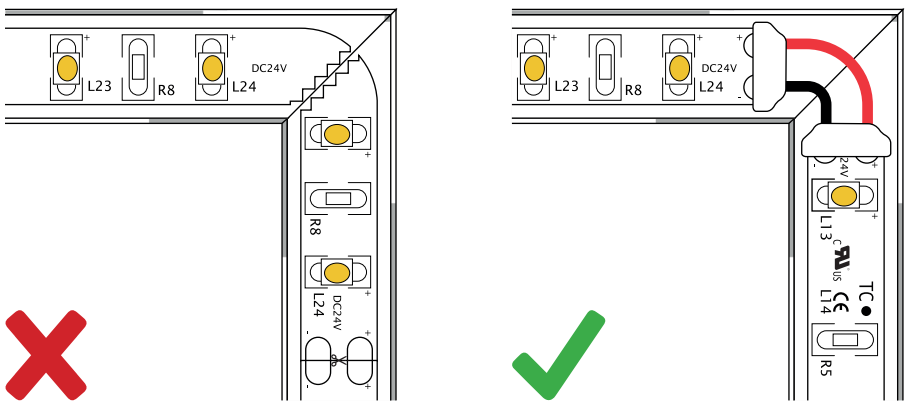






• Detalle de montaje
Assembly detail

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.

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