

LLURIA CN4.8 Water Resistant LED Strip User Guide

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LLURIA





LLURIA CN4.8 Water Resistant LED Strip



USE

- Flex LED strip with good light quality.
- Ideal for small or decorative installations.
- For indoor and outdoor use.

Energy efficiency

Reference	CCT	Lumens /m	Lumens /W	Energy efficiency
CN4,8-27	 2700K	380	79	F
CN4,8-30	 3000K	391	81	F
CN4,8-40	 4000K	425	89	F
CN4,8-60	 6000K	490	102	E

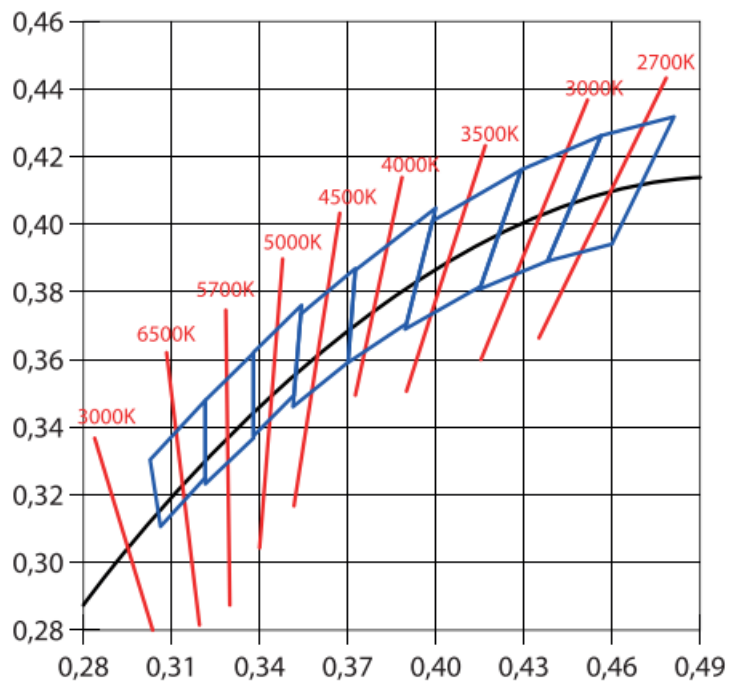
Technical data

Technical data

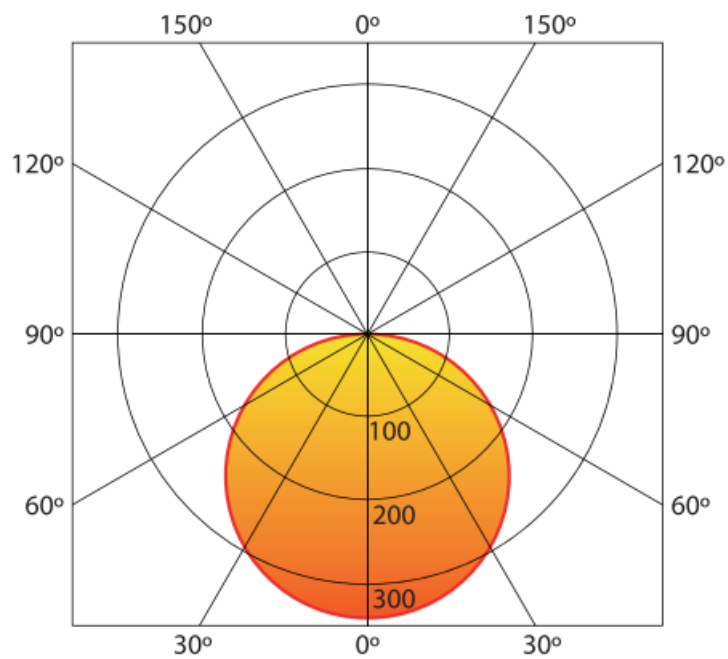
Potencia Power	4,8W/m
Potencia rollo 5m Roll power 5m	24W
IP	65
CRI	>90
R9	>60
Voltaje Voltage	24V
Tipo de LED LED type	2835
LEDs/m	60
Pitch	16,7mm
Ángulo Beam angle	120°
Longitud mín. corte Min. cutting lenght	100mm
Longitud rollo Roll length	5m/30m
Vida útil Life time	50.000h
Temperatura ambiente Ambient temperature	-20~50°C
Temperatura almacenamiento Storage temperature	-40~80°C
Marca punto Tc Tc point mark	Sí Yes ⁽¹⁾
Años de garantía Warranty years	8
Regulable Dimmable	Sí Yes
Necesita disipador Needs heatsink	Sí Yes
Longitud máx. Max. lenght	20m ⁽²⁾

⁽¹⁾(UNE-EN 60598-1:2015; UNE-EN 60598-2-1:1993)

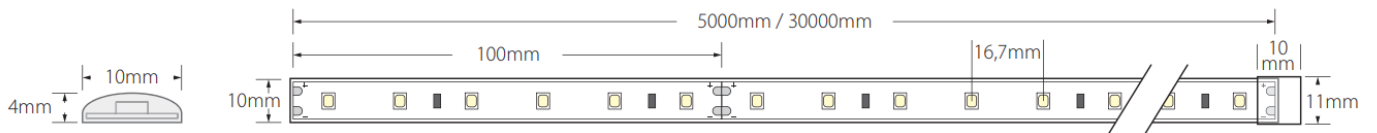
3 MacAdam steps



CDL

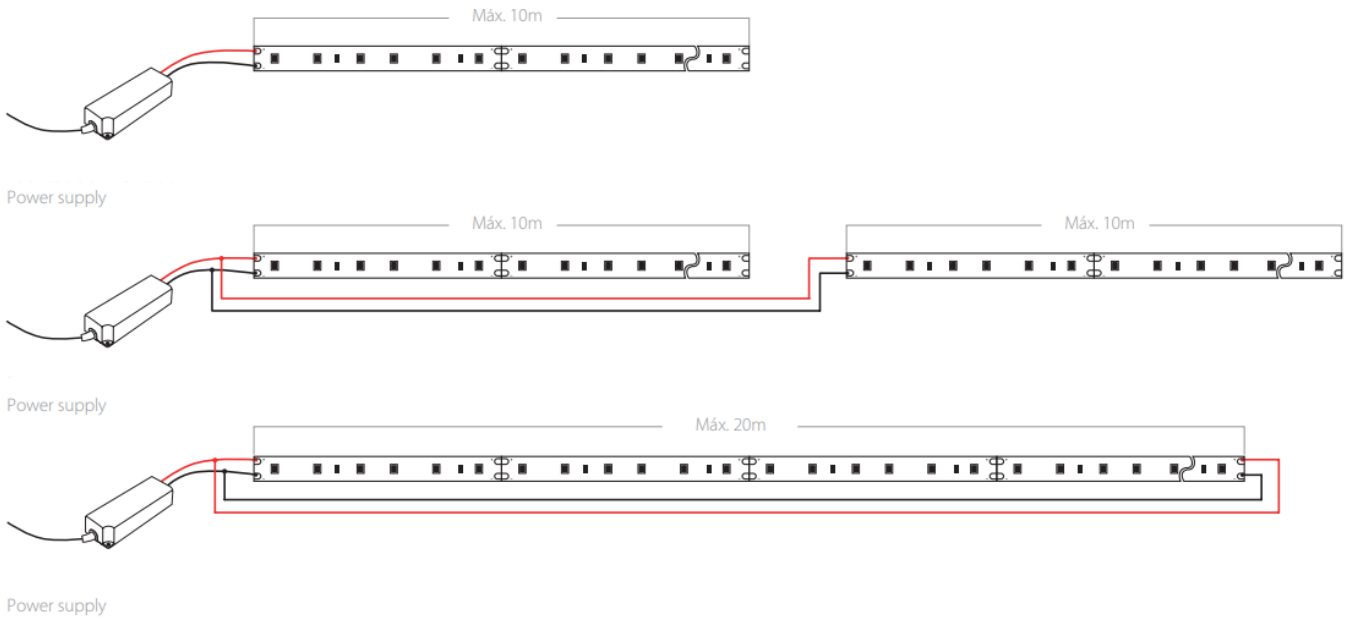


Dimensions

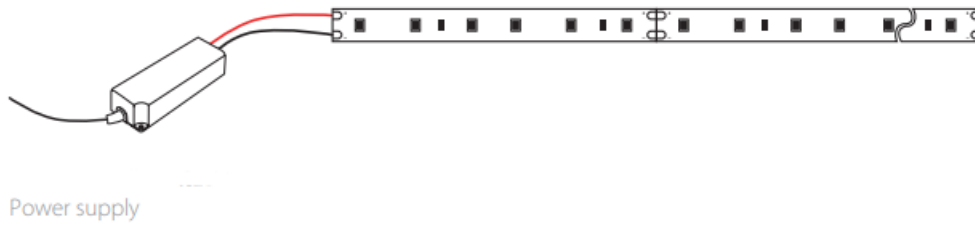


Circuit diagram

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



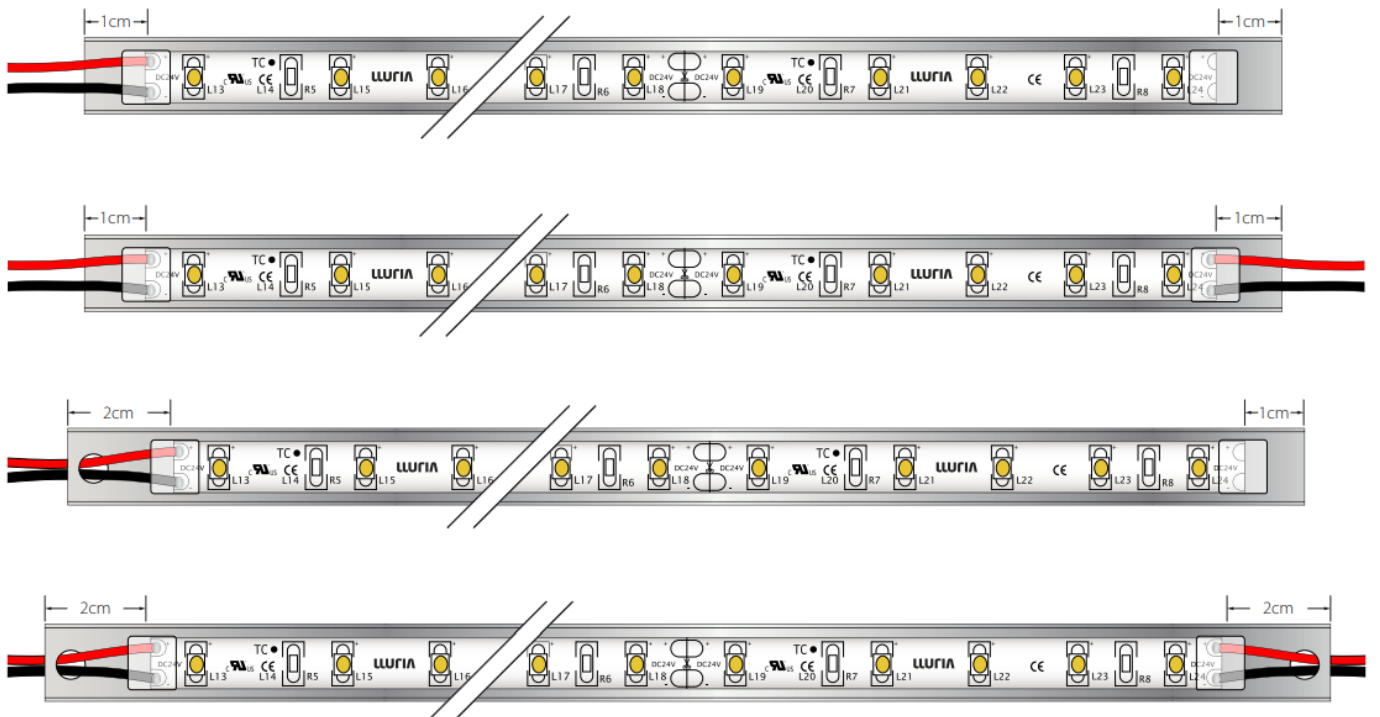
Cable section



	Cable		
Distancia Distance	≤ 5m	< 15m	< 25m
Sección Section	0,50mm ²	1,5mm ²	2,5mm ²

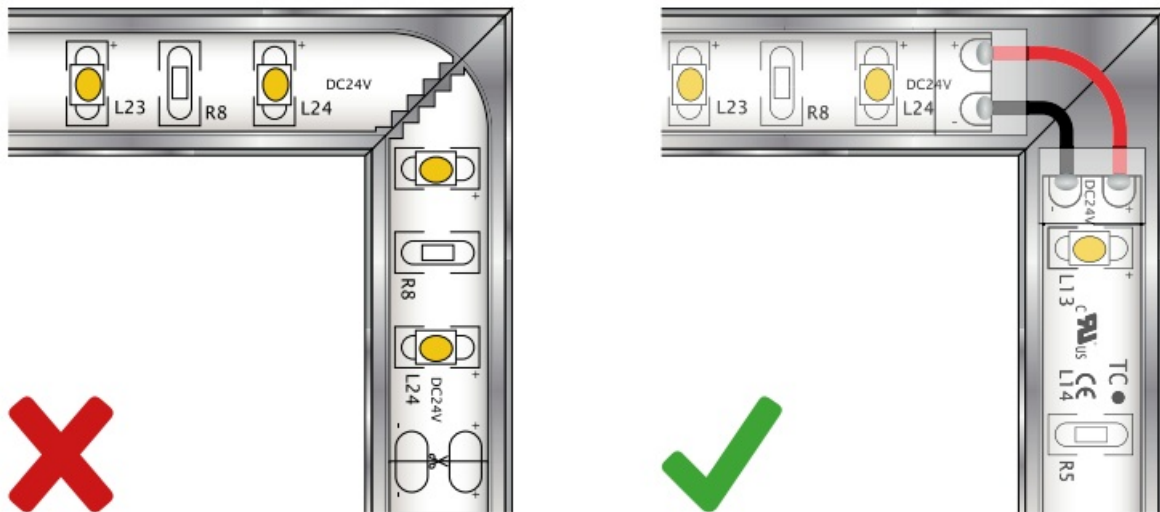
Distance LED – Profile

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



Assembly detail

Do not bend the 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.



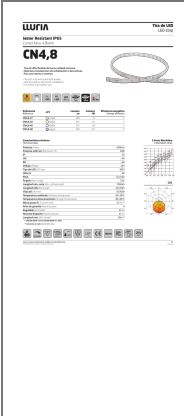
Life time

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.

Warnings

- 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.

Documents / Resources

	<p>LLURIA CN4.8 Water Resistant LED Strip [pdf] User Guide CN4.8, Water Resistant LED Strip, CN4.8 Water Resistant LED Strip, CN4.8 LED Strip, LED Strip</p>
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