







Cies flexible led strips

Features:

- Easy to install.
- Requires use of led profile for dissipation.
- Its flexible design adapts to any location where it will add a touch of colour.
- It can be used in spaces such as corridors, showcases, shelves, etc.
- Degree of protection: IP20.
- Easy assembly thanks to self-adhesive tape.



Reference	Colour temp.	Lumens/m	Lumens/W	Energy efficiency
32.086	6000K	1358	116	
32.087	4000K	1410	122	
32.088	3000K	1315	108	
32.089	Red	123	8	
32.090	Green	842	77	
32.085	Blue	226	17	

Technical characteristics

Technical data

Power (x metre)	12W/m
Power of the roll (5m)	60W
Voltage	24V
Degree of protection	IP20

Led information

Type of led	SMD2110
Number of leds per metre	266
Number of leds per section	8

Temperatures and operating conditions

Working temperature *1	-40°C / +60°C
Storage temperature	-40°C / +80°C

Photometric data

CRI	<80
R9	>69
Colour consistency	-
Opening angle	120°

Services

Dimmable	Yes *2
Self-adhesive	3M tape
Apt for	Indoor

*2 Adjustable with appropriate controllers.

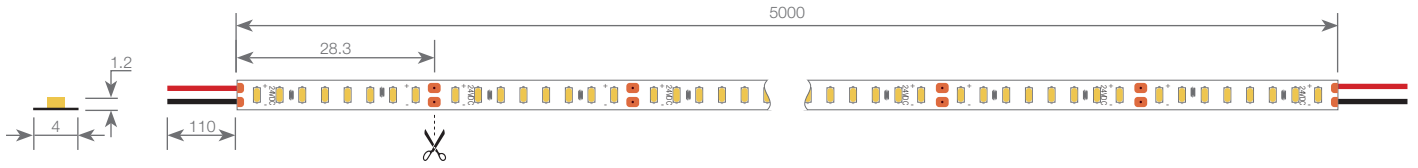
Useful lifespan

Estimated lifespan	50.000h *3
Daily recommended use	18h

*3 Depending on the dissipation of the profile, the daily working hours and the external environmental working temperature.



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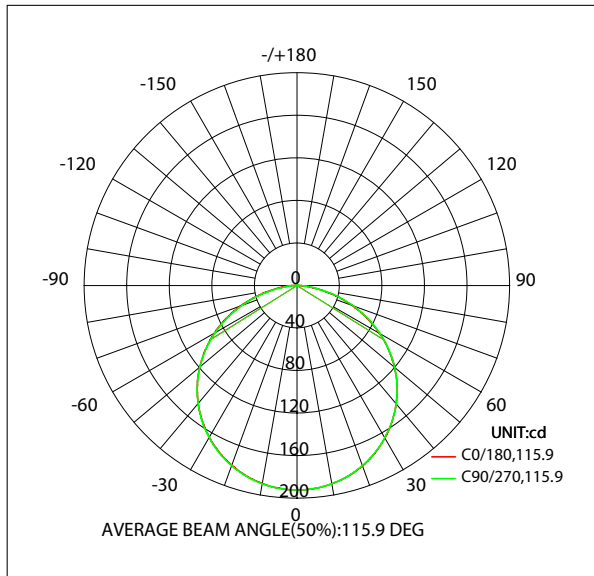
Dimensiones

Length	5000mm	Cutting section length	26.3mm
Width	4mm	Cable length	150mm
Height	1.2mm	Cable section	2x0.5mm ²

Conexionado

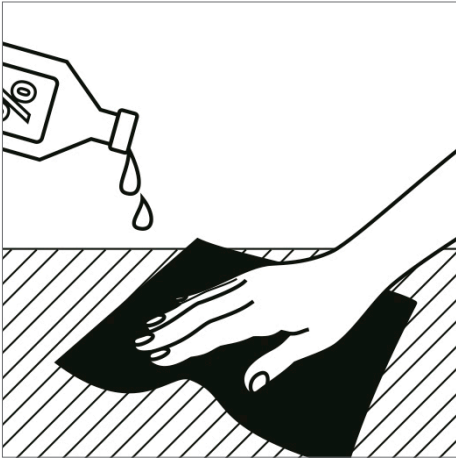
Maximum connection in open circuit	3m	Maximum connection in closed circuit	6m
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Photometric curves

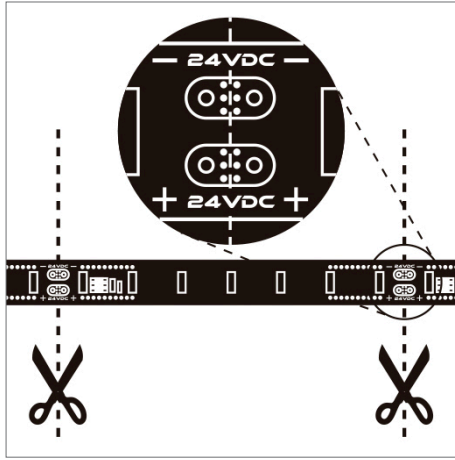


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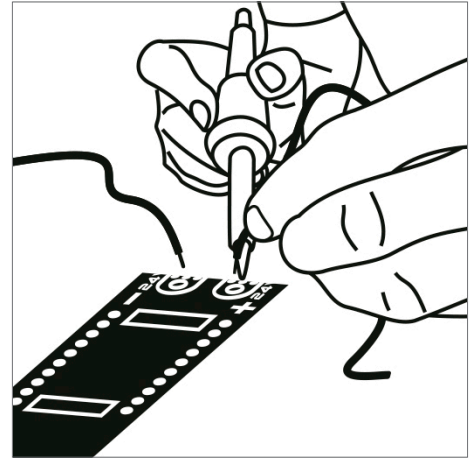
Assembly instructions



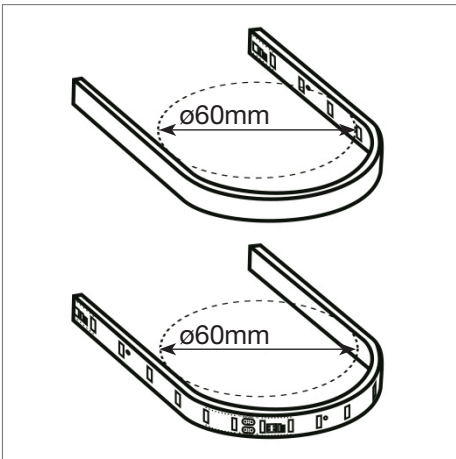
1. Clean the installation surface from dirt and grease.



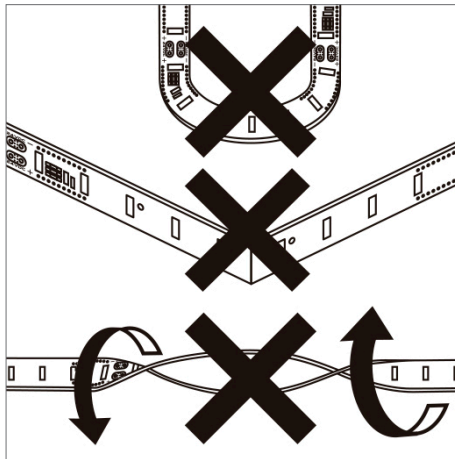
2. Cut only along the lines indicated on the PCB.



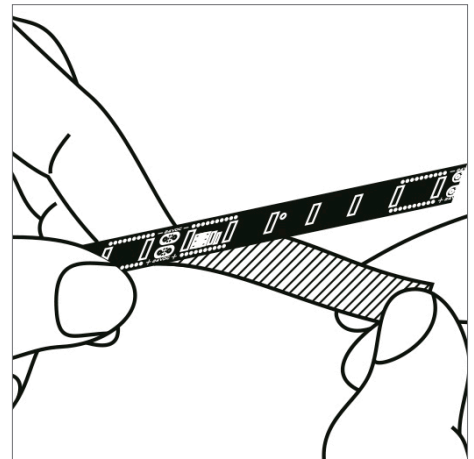
3. Polarity (+/-) must be respected. The soldering temperature must not exceed 360°.



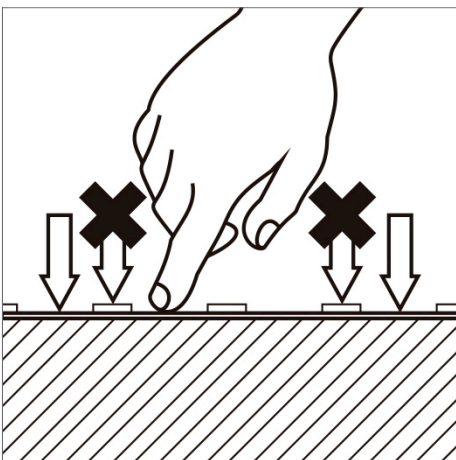
4. The bending diameter of the flexible strips must not be more than ø60mm.



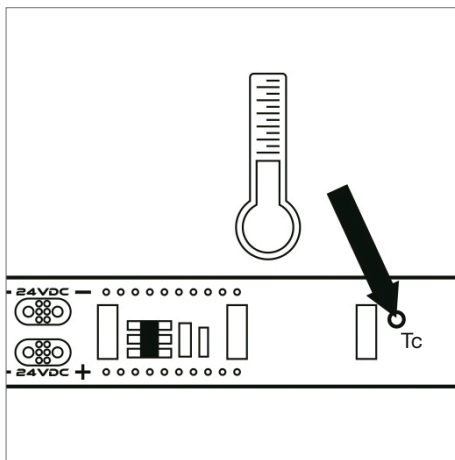
5. Flexible strips must not be twisted or bent at sharp angles.



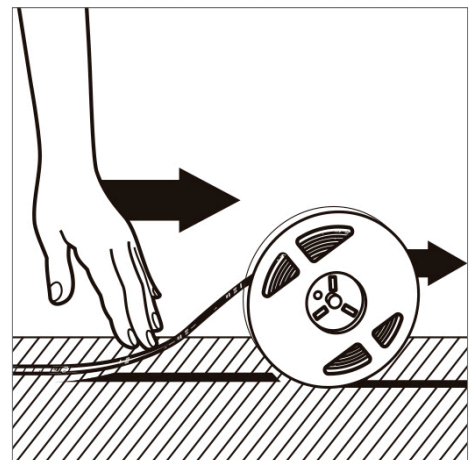
6. Fix by removing the back tape protector.



7. When applying the strip, press between the leds and not on the surface of the led.



8. The use of an aluminium profile is recommended for heat dissipation. The temperature should not exceed the recommended values in the data sheet*1.



9. Only handle the flexible strip when off unwind and place gradually.