

Granada 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
33.027	6500K	3188	160	C
33.028	4000K	2983	144	D
33.029	2700K	2709	132	E

Technical characteristics

Technical data

Power (x metre)	21W/m
Power of the roll (5m)	105W
Voltage	24V
Degree of protection	IP20

Led information

Type of led	SMD2835 (Osram)
Number of leds per metre	128
Number of leds per section	8

Temperatures and operating conditions

Working tempetarure ^{*1}	-20°C / +40°C
Storage temperature	-10°C / +45°C

Photometric data

CRI	80
R9	>13
Colour consistency	≤3 sdcm
Opening angle	120°

Services

Dimmable	Yes ^{*2}
Self-adhesive	Thermal
Apt for	Indoor

^{*2} Adjustable with appropriate controllers.

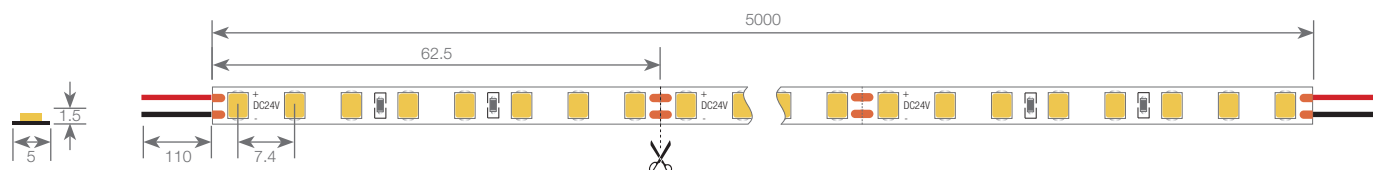
Useful lifespan

Estimated lifespan	50.000h ^{*3}
Daily recommended use	20h

^{*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	62.5mm
Width	5mm	Cable length	110mm
Height	1.5mm	Cable section	2x0.3mm ²
Distance between leds	5.1mm		

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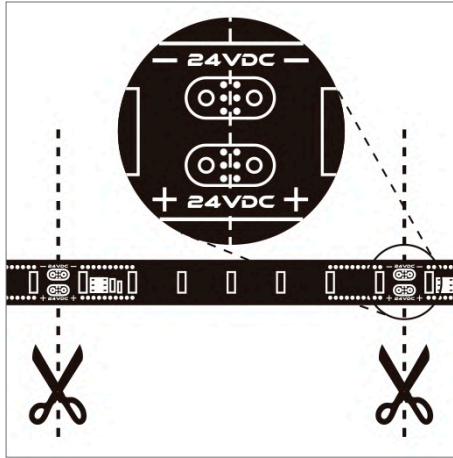
Maximum connection in open circuit	5m	Maximum connection in closed circuit	10m
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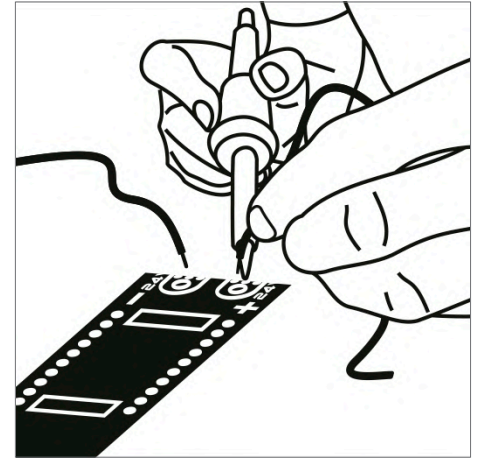
Assembly instructions



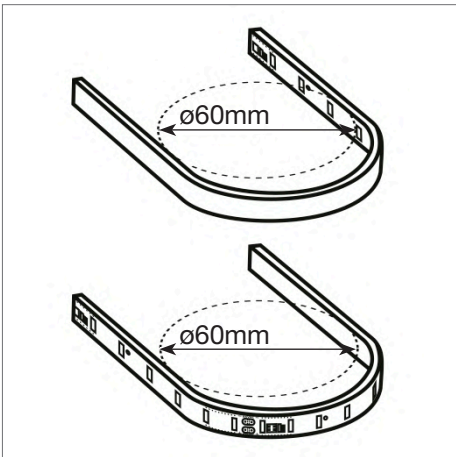
1. Clean the installation surface from dirt and grease.



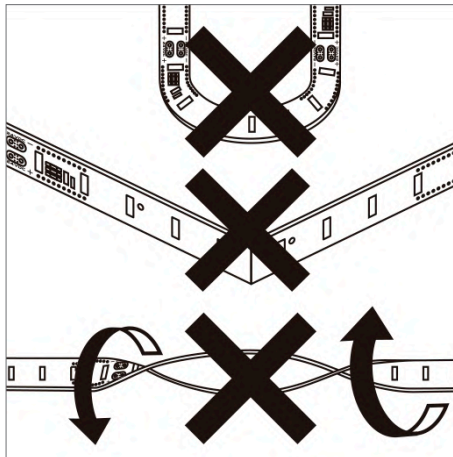
2. Cut only along the lines indicated on the PCB.



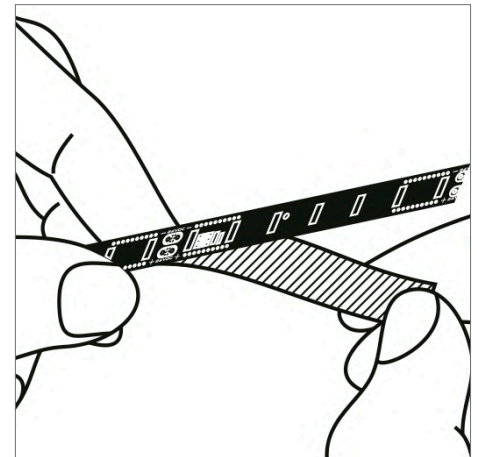
3. Polarity (+/-) must be respected. The soldering temperature must not exceed 360°.



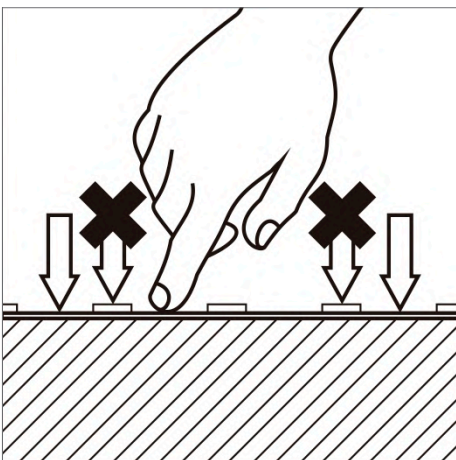
4. The bending diameter of the flexible strips must not be more than Ø60mm.



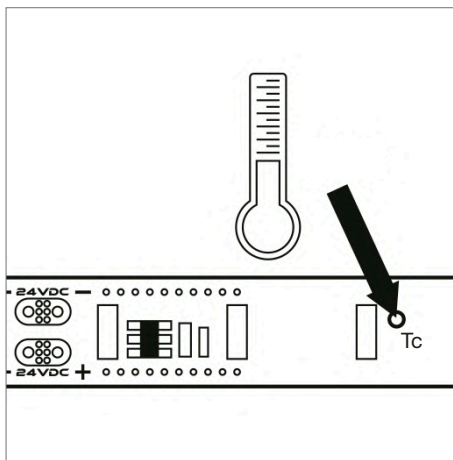
5. Flexible strips must not be twisted or bent at sharp angles.



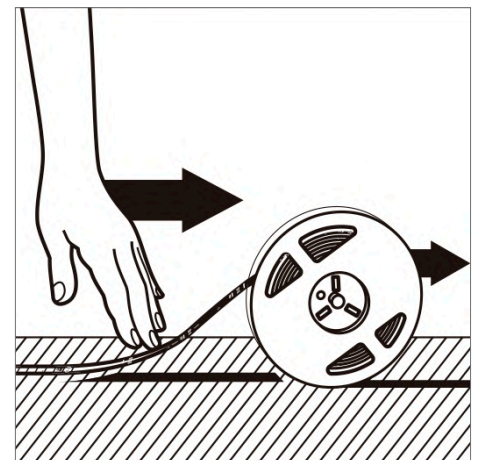
6. Fix by removing the back tape protector.



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.