

Free cut flexible led strips

Features:

- Free cut wherever you need it.
- Degree of protection: IP20.
- Easy assembly due to self-adhesive tape.



Reference	Colour temp.	Lumens/m	Lumens/W	Energy efficiency
34.043	6000K	1202	100	F
34.044	4000K	1190	99	F
34.045	2700K	1090	90	F

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	SMD2025
Number of leds per metre	252

Temperatures and operating conditions

Working tempetarure ^{*1}	-40°C / +50°C
Storage temperature	-40°C / +80°C

Photometric data

CRI	>90
Opening angle	120°

Services

Dimmable	Yes ^{*2}
Self-adhesive	3M tape / Thermal
Apt for	Interior

^{*2} Adjustable with appropriate controllers.

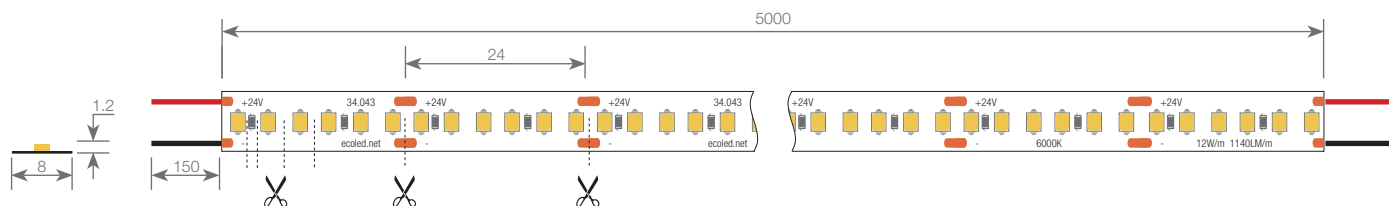
Useful lifespan

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.



Free cut flexible led strips



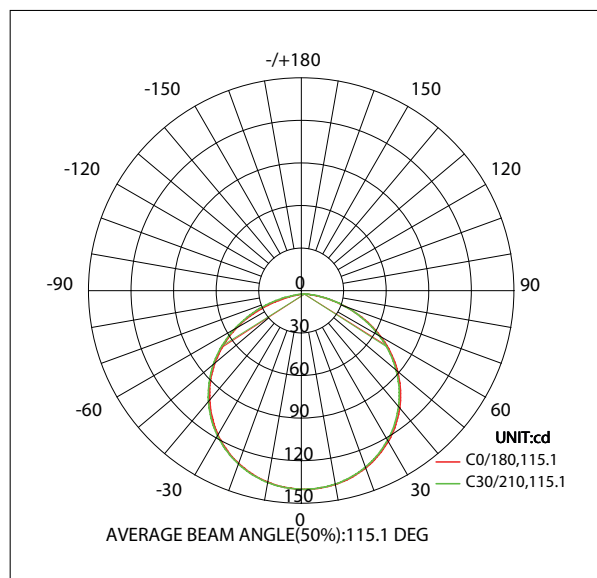
Dimensiones

Length	5000mm	Cutting section length	Free cut
Width	8mm	Cable length	150mm
Height	1.2mm	Cable section	2x0.5mm ²

Connection

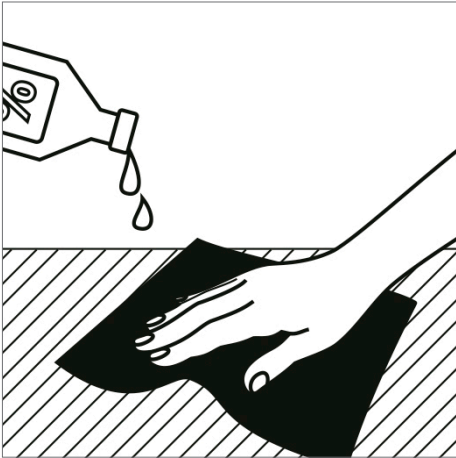
Maximum connection in open circuit	7.5m	Maximum connection in closed circuit	15m
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Photometric curves

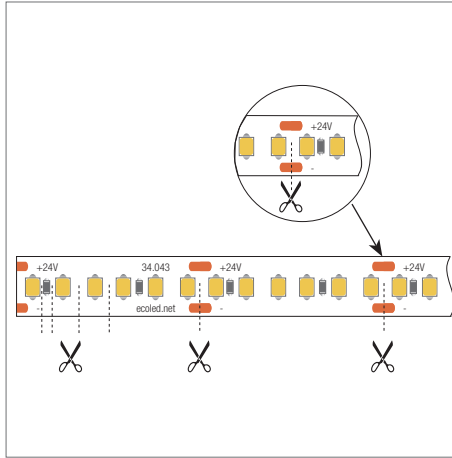


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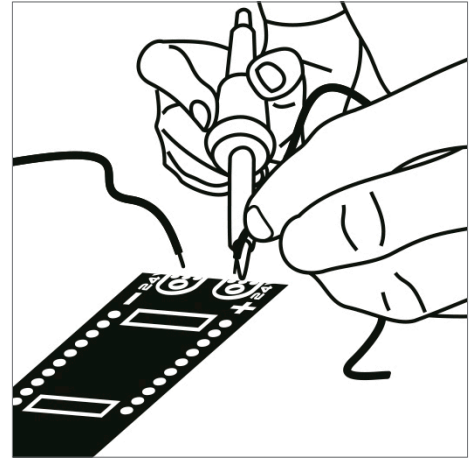
Assembly instructions



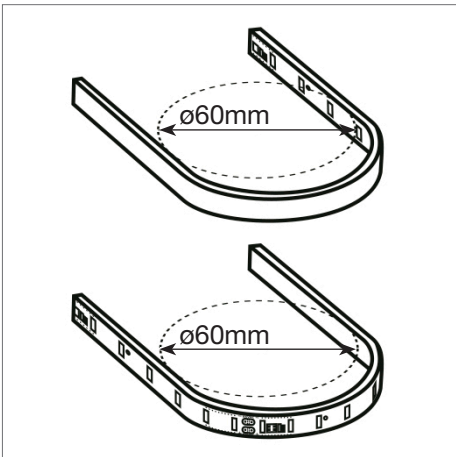
1. Clean the installation surface from dirt and grease.



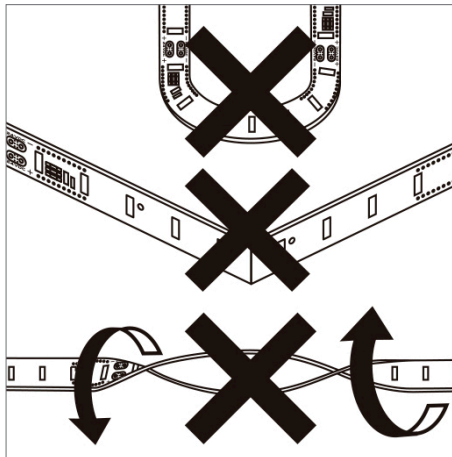
2. Free cut in the desired area.



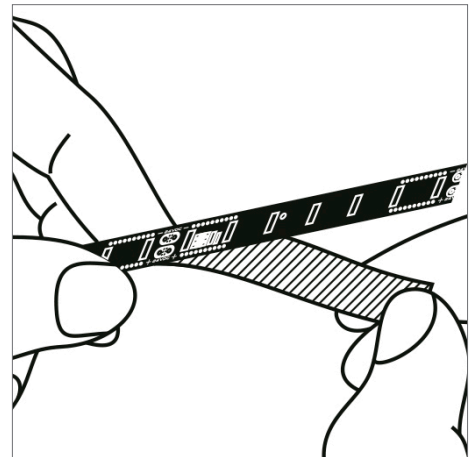
3. Polarity (+/-) must be respected.
The soldering temperature must not exceed 360°.



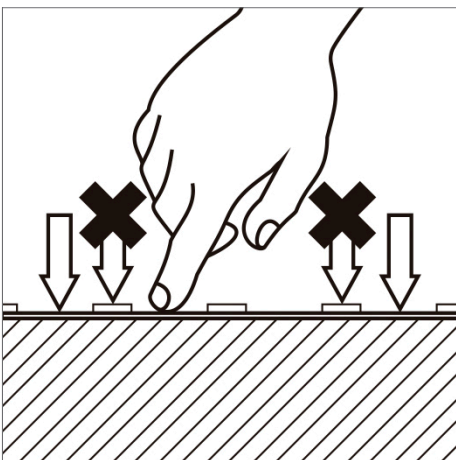
4. The bending diameter of the flexible strips must not be more than 30mm.



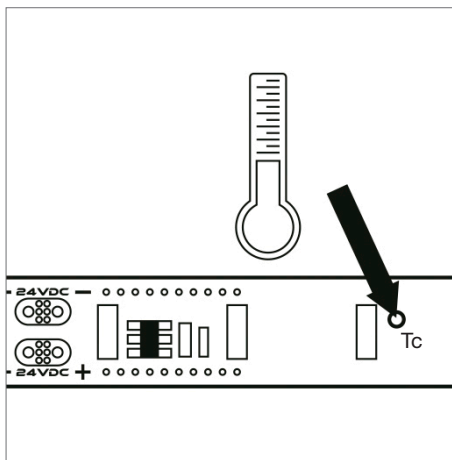
5. Flexible strips must not be twisted or bent at sharp angles.



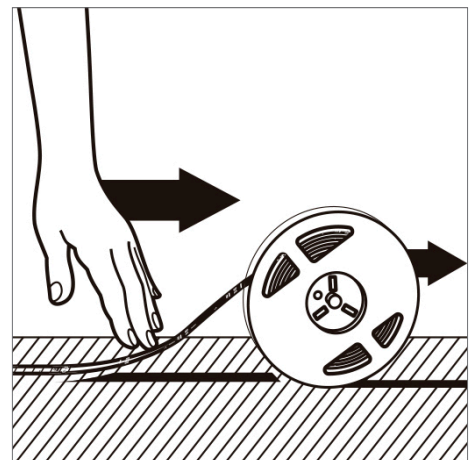
6. Fix by removing the back tape protector.



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.