Infinity 9 flexible led strips

Features:

• Easy to install

• Its flexible design adapts to any location where it will add a touch of colour.

• Wide beam angle, softer light.

• Degree of protection: IP65.

• Easy mounting due to its adhesive tape.

• Led profile is recommended for increased heat dissipation.

Reference	Colour temp.	Lumens/m	Lumens/W	Energy efficiency
34.032	4000K	1003	98	F
34.031	3000K	905	112	F

Technical characteristics

Technical data

Power (x metre)	9W/m
Power of the roll (100m)	900W
Voltage	230V
Degree of protection	IP65

Photometric data

CRI	>80
R9	40
Colour consistency	-
Opening angle	120º

Led information

Type of led	SMD2110
Number of leds per metre	140
Number of leds per section	14

Services

Dimmable	Yes *2
Self-adhesive	3m tape
Apt for	Indoor / Outdoor

*2 Adjustable with appropriate controllers.

Temperatures and operating conditions

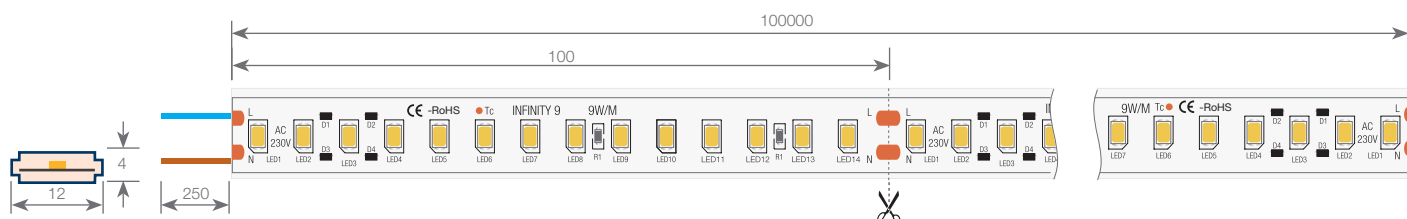|	
Working tempetarure *1	-20ºC / +50ºC
Storage temperature	-40ºC / +80ºC

Useful lifespan

Estimated lifespan	30.000h *3
Daily recommended use	24h

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

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Dimensiones

Length	100000mm		Cutting section length	100mm
Width	12mm		Cable length	200mm
Height	4mm		Cable section	2x0.5mm²

## Connection

Maximum connection	50m

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How to use our waterproof connectors (with screw system), ref 42.004, for Infinity led strips and Ghost profiles

1. Cut on the line to the left side of the piece which we are to use (never cut on the middle line). This means doing away with the previous 10cm piece. If we don't cut in this manner and we cut along the middle line, when we fix the connector, the screws would not be aligned in the centre of the pads and this could then mean a short circuit, causing the strip to burn out.
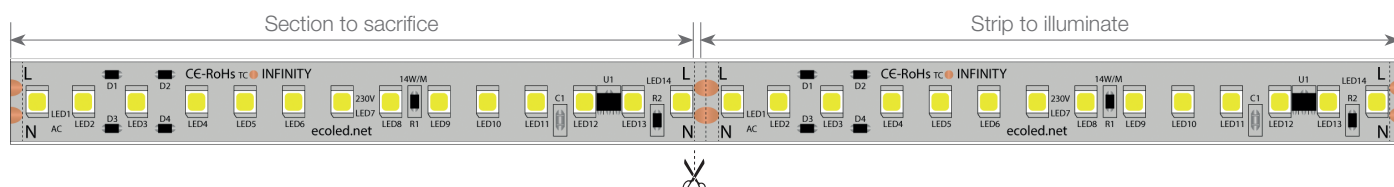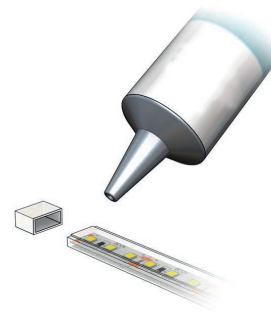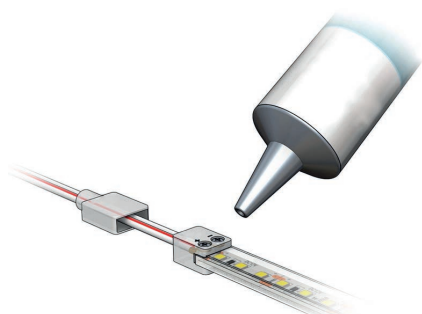

2. We place the strip inside the connector.

3. We tighten the screws on the connector.
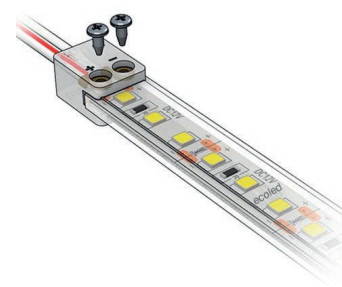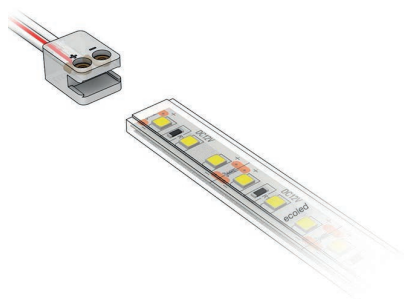
4. We apply silicone on top of the screws.

5. We put the plastic trim on top of the screws.
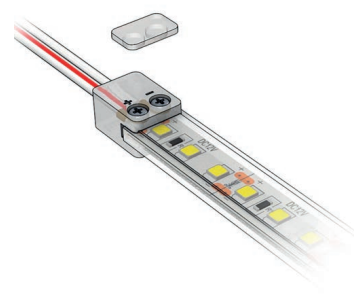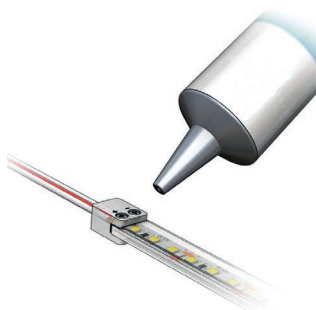
6. We apply silicone to cover the connector and then we attach the cap.

7. We apply silicone to the end of the strip and we fix the endcap.

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Led profile compatible with infinity strip

	Admite tira soldada	Admite conector
California XL	✓	✗
Roma XL	✓	✗
Berlín XL	✓	✗
Torino	✓	✗
Montana	✓	✓
New York	✓	✗
Philadelphia	✓	✗
Berna	✓	✓
Miami	✓	✗
Texas	✓	✗
Budapest	✓	✓
Versalles	✓	✗
Inferno	✓	✓
Sophia XL	✓	✓
Dublín XL	✓	✓
Belfast	✓	✓
Praga	✓	✓
Oslo	✓	✓
Moscú mini	✓	✓
Múnich mini	✓	✓
Paris XL	✓	✓
Kansas	✓	✓
Mónaco	✓	✓
Houston	✓	✓
Venezia	✓	✓
Moscú Slim	✓	✓
Gales	✓	✓
Krakovia	✓	✓
Bruselas	✓	✓
Andorra	✓	✓
Múnich Slim	✓	✓
Gales Slim	✓	✓
Krakovia Slim	✓	✓
Moscú Magnum Slim	✓	✓
Liverpool	✓	✓
Sicilia	✓	✓
Moscú Magnum	✓	✓
Múnich	✓	✓
Moscú	✓	✓
Múnich Magnum Slim	✓	✓
Múnich Magnum	✓	✓
Washington	✓	✓

Infinity con cable soldado

Infinity con kit de conexión estanco
Ref: 42.004

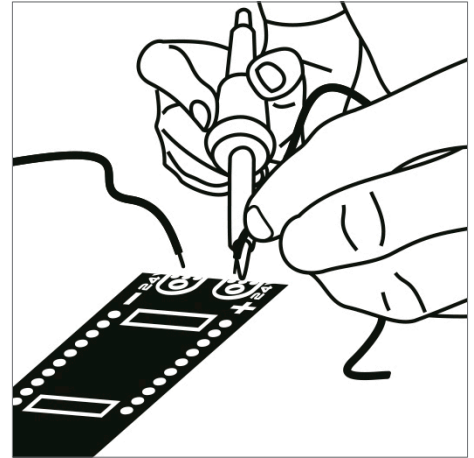ecoled by Luz Negra

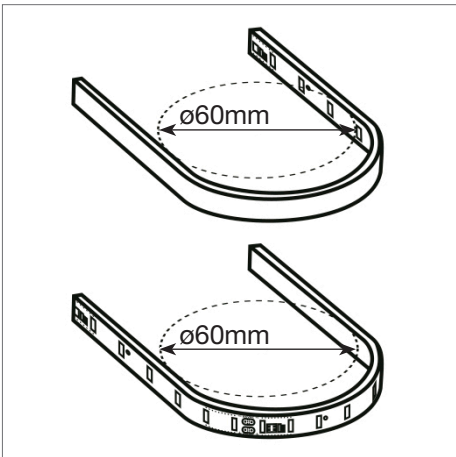# Infinity 9 flexible led strips

Assembly instructions
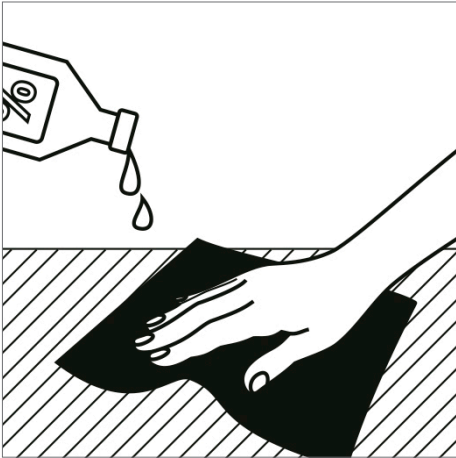
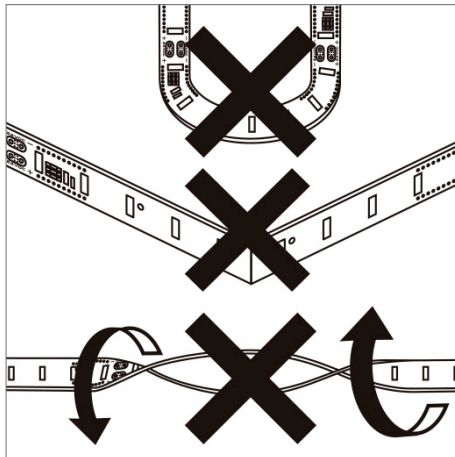1. Clean the installation surface from dirt and grease.
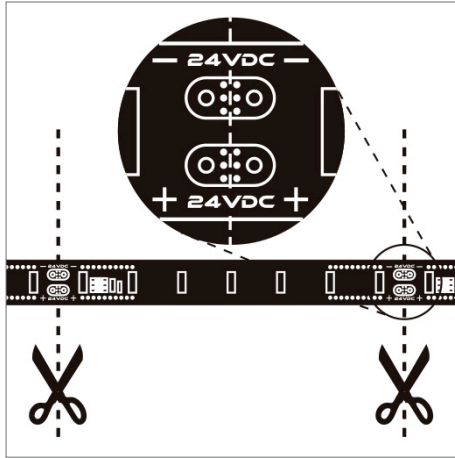
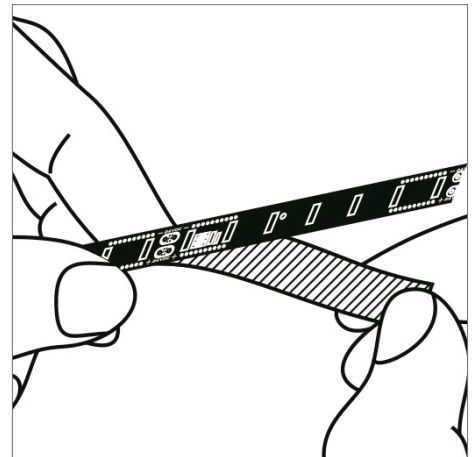2.Cut only along the lines indicated on the PCB.

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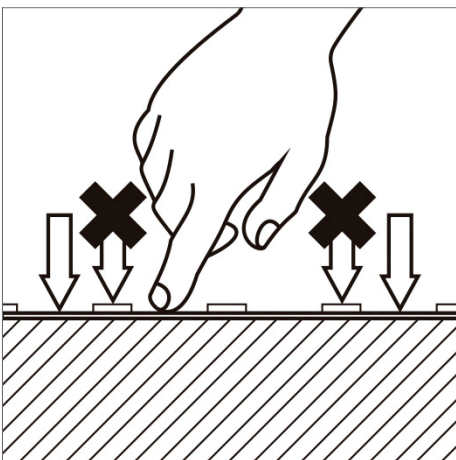The soldering temperature must not exceed 360°.

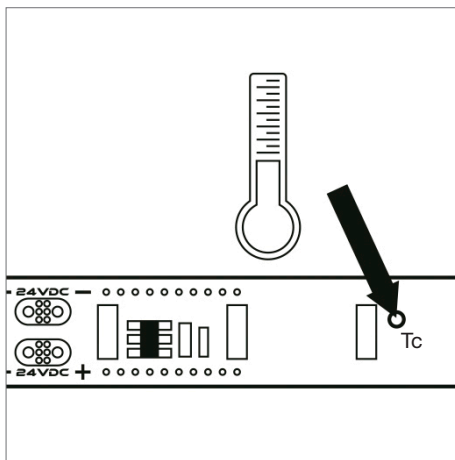4. The bending diameter of the flexible strips must not be more than 30mm.

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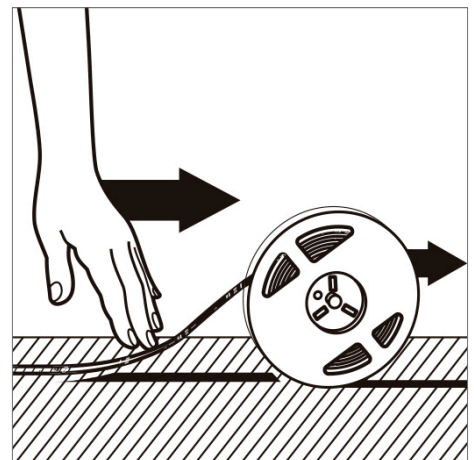

6. Fix by removing the back tape protector.

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.