

# Agata RGB flexible led strips

## Features:

- Easy to install.
- Requires use of led profile for dissipation.
- Puede utilizarse en espacios como pasillos, vitrinas, estanterías, etc.
- Silicone coated led strip.
- Degree of protection: IP65
- Easy assembly due to self-adhesive tape.



Reference	Colour temp.	Lumens/m	Lumens/W	Energy efficiency
30.016	RGB	350	27.7	<b>G</b>

## Technical characteristics

### Technical data

Power (x metre)	14.4W/m
Power of the roll (5m)	72W
Voltage	12V
Degree of protection	IP65

### Led information

Type of led	SMD5050
Number of leds per metre	60
Number of leds per section	3

### Temperatures and operating conditions

Working tempetarure <sup>*1</sup>	-20°C / +40°C
Storage temperature	-40°C / +80°C

### Photometric data

CRI	-
R9	-
Colour consistency	-
Opening angle	120°

### Services

Dimmable	Yes <sup>*2</sup>
Self-adhesive	3M tape
Apt for	Indoor / Outdoor

<sup>\*2</sup> Adjustable with appropriate controllers.

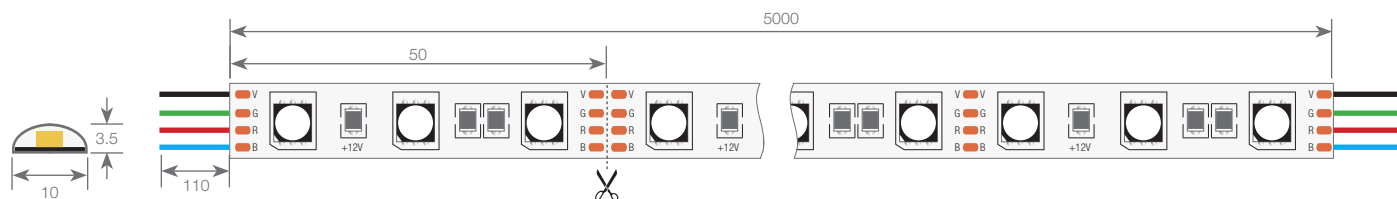
### Useful lifespan

Estimated lifespan	30.000h <sup>*3</sup>
Daily recommended use	18h

<sup>\*3</sup> Depending on the dissipation of the profile, the daily working hours and the external environmental working temperature.



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## Dimensiones

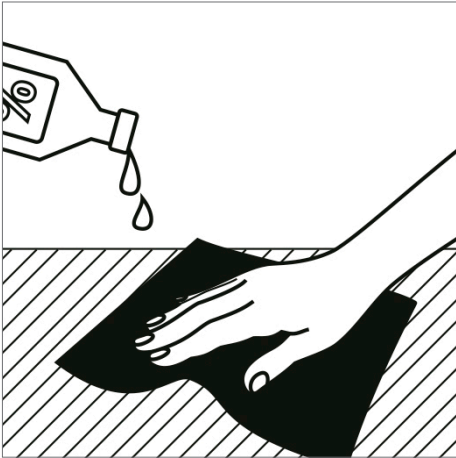
Length	5000mm	Cutting section length	50mm
Width	10mm	Cable length	110mm
Height	3.5mm	Cable section	4x0.5mm <sup>2</sup>

## Conexionado

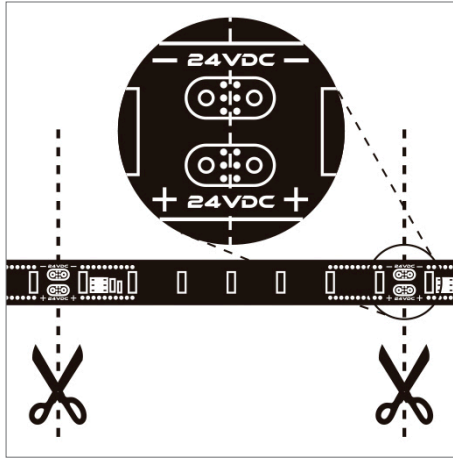
Maximum connection in open circuit	5m	Maximum connection in closed circuit	10m
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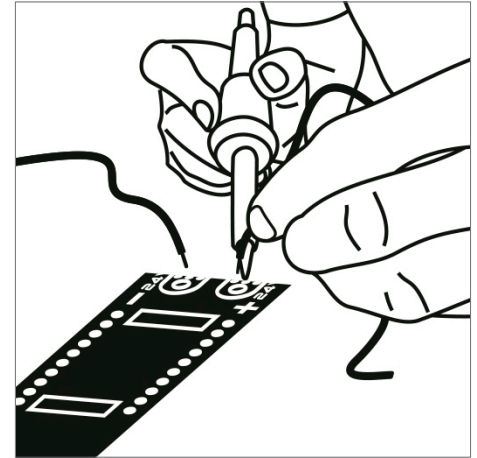
## Assembly instructions



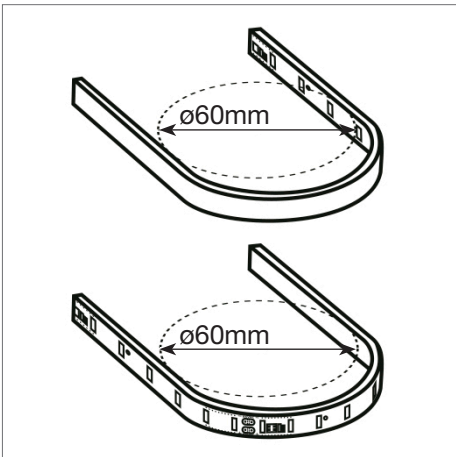
1. Clean the installation surface from dirt and grease.



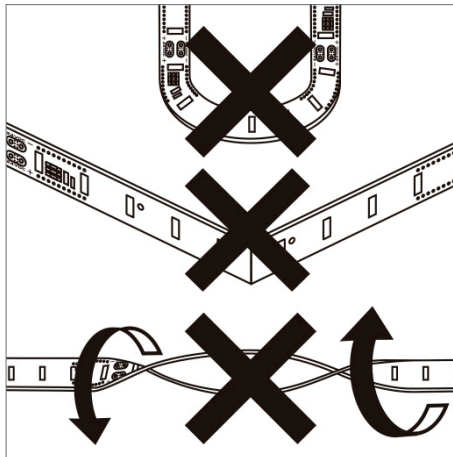
2. Cut only along the lines indicated on the PCB.



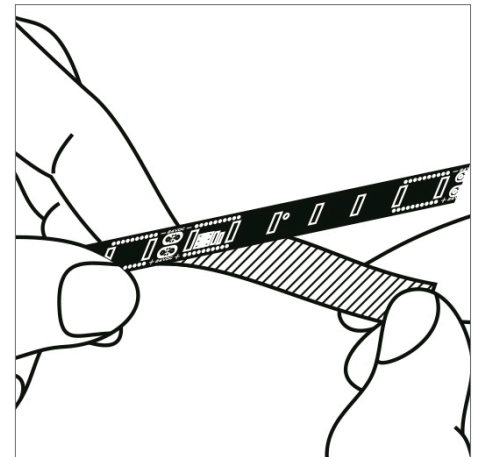
3. Polarity (+/-) must be respected.  
The soldering temperature must not exceed 360°.



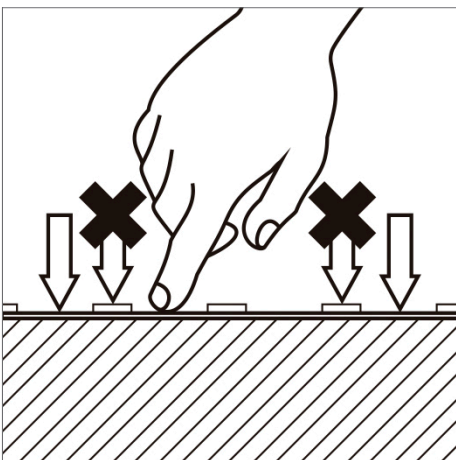
4. The bending diameter of the flexible strips must not be more than  $\varnothing 60\text{mm}$ .



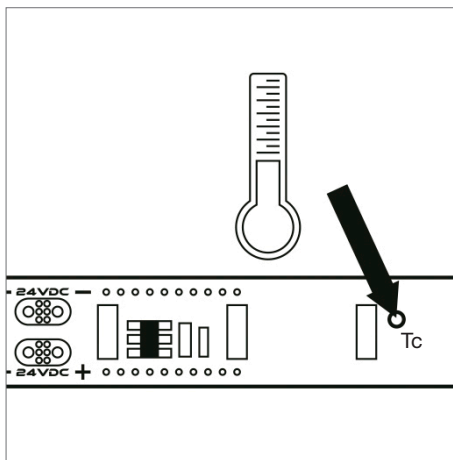
5. Flexible strips must not be twisted or bent at sharp angles.



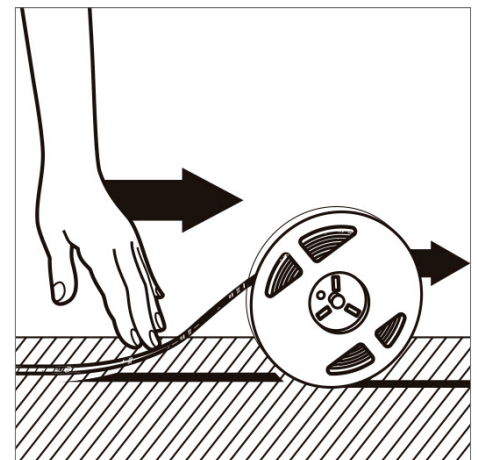
6. Fix by removing the back tape protector.



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\*<sup>1</sup>.



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