Product specification

JLEDS LED LIGHTING

Ultra High Temperature and Heat Resistance LED strip up to 100°C (212°F)

Single Colour LED Strip

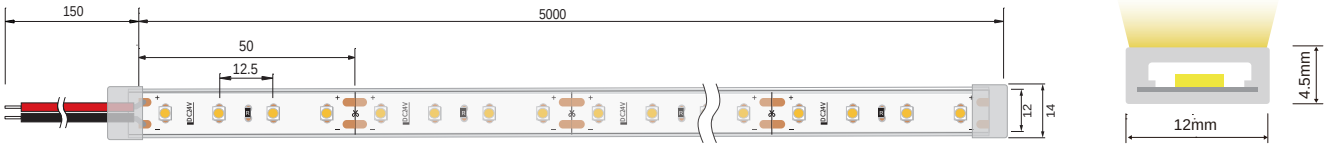
SMD3030 80LEDS/per Metre

Specialized LED strip Manufacturer

JL-IP67-HT-3030-10-80-4.8W-24V

JL-IP67-HT-3030-10-80-9.6W-24V

Structure dimension



Feature

- Power/m optional : 4.8W/M and 9.6W/M
- LED brand: Lumileds3030LED，excellent thermal performance, longer lifespan
- Strip inserted in Silicon tubing and given a rating of IP67, optional IP68.
- Ambient temperature:- 25~100℃，S uitable for bathroom and Sauna room;
- 4.8W/M : Ambient temperature ≦8 5℃, 5 years warranty，
  Ambient temperature≦100℃ ,3 years warranty
- 9.6W/M: Ambient temperature ≦8 5℃ ,3 years warranty，
  Ambient temperature≦100℃ ,2 years warranty

IP
IP 65
or
IP 67
or
IP 68

CRI
80 +

Standard
LM-80

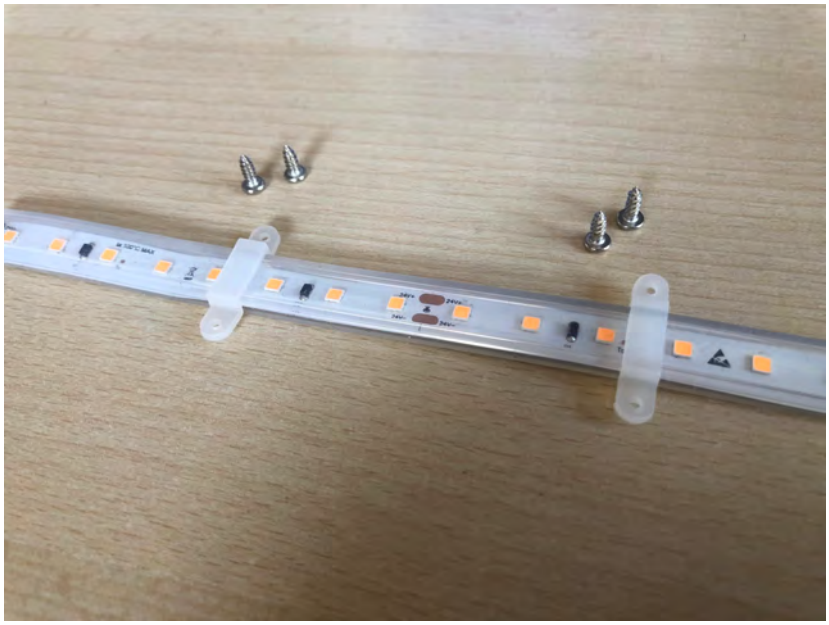
Basic Parameter

Model	**JL-IP67-HT-3030-12-80-4.8W-24V**
Input voltage	**24VDC**
LED Brand	**Lumileds SMD3030**
LED Q'ty / M	**80pcs per metre**
Ra	**≥80**
IP grade	**IP65, IP67 or IP68**
Max series length	**5M**

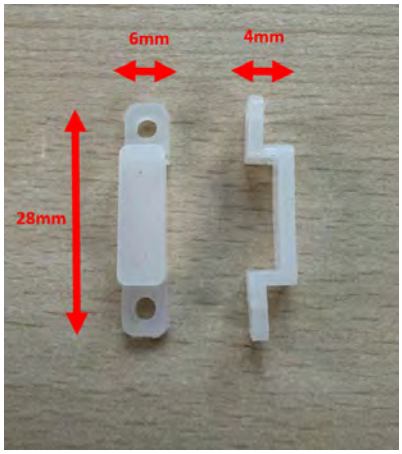
CCT	Ra (CRI)	Voltage	Power	Lumen LM/M)	Lighting efficacy LM/W)	cutting unit(mm)	Max.series length (M)
2700K±100K	≥80	DC24V	4.8W	782.4lm	163	50mm	5M
3000K±150K	≥80	DC24V	4.8W	830.4lm	173	50mm	5M
3500K±200K	≥80	DC24V	4.8W	840lm	175	50mm	5M
4000K $^{-200K}_{+300K}$	≥80	DC24V	4.8W	854.4lm	178	50mm	5M
5000K $^{-200K}_{+400K}$	≥80	DC24V	4.8W	854.4lm	178	50mm	5M
6500K $^{-500K}_{+100K}$	≥80	DC24V	4.8W	854.4lm	178	50mm	5M
2700K±100K	≥80	DC24V	9.6W	1564.8lm	163	50mm	5M
3000K±150K	≥80	DC24V	9.6W	1660.8lm	173	50mm	5M
3500K±200K	≥80	DC24V	9.6W	1680lm	175	50mm	5M
4000K $^{-200K}_{+300K}$	≥80	DC24V	9.6W	1708.8lm	178	50mm	5M
5000K $^{-200K}_{+400K}$	≥80	DC24V	9.6W	1708.8lm	178	50mm	5M
6500K $^{-500K}_{+100K}$	≥80	DC24V	9.6W	1708.8lm	178	50mm	5M

Fixing information

This strip is used in environments where the temperature can reach up to 100°C (212°F) so it can only be fixed using Fixing Clips and Screws. There is no adhesive on this strip, it would come off in the heat. The Fixing Clips are made from silicon, same as the tubing, and also Heat Resistant to 100°C (212°F).

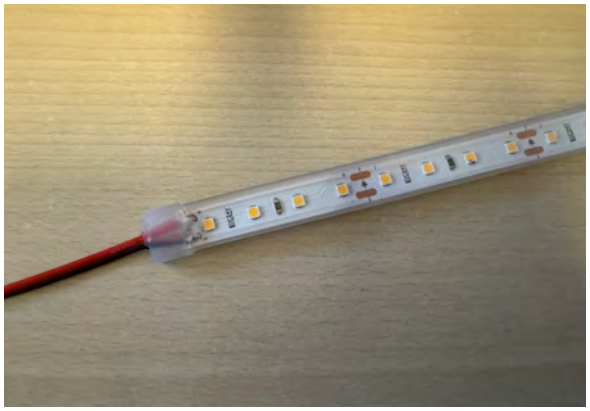


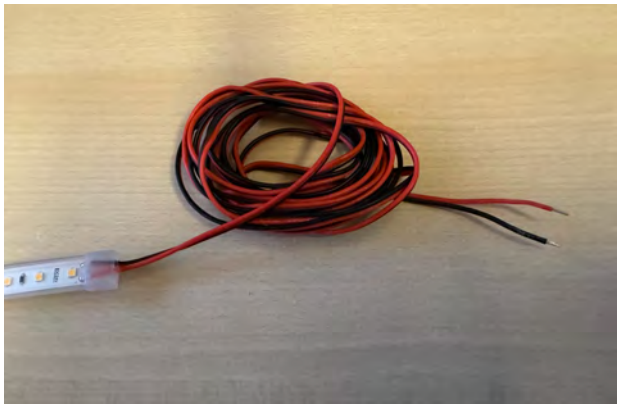
The clips are
28mm long
6mm wide
4mm depth
The screws are 8mm long.



Cable information

The cabling and end caps which are attached to the LED strip are also Heat Resistant to 100°C (212°F).





Note
There are occasions when we will use different cable depending on the project and application, from the photo shown, taking care though it is still heat resistant.

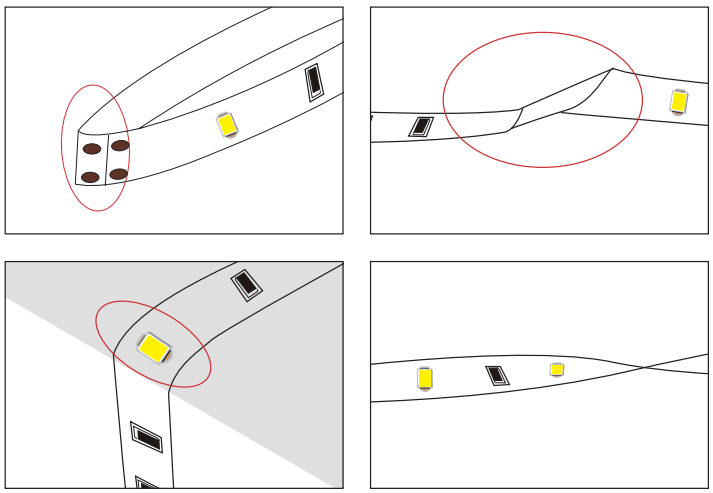
Accessories

For OEM and custom projects the strip can be cut and resealed using an end cap. We supply these as shown and they must be glued to make them watertight and heat proof once again.

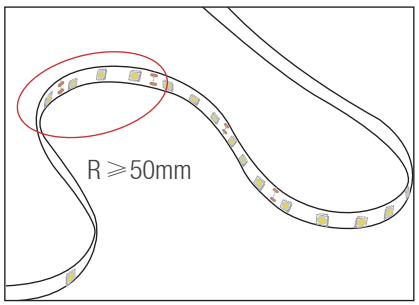


Cautions

When installing the LED strip, please note the installation technique. Taking care the LED strip can be bent, but not distorted or twisted, like our diagrams show.



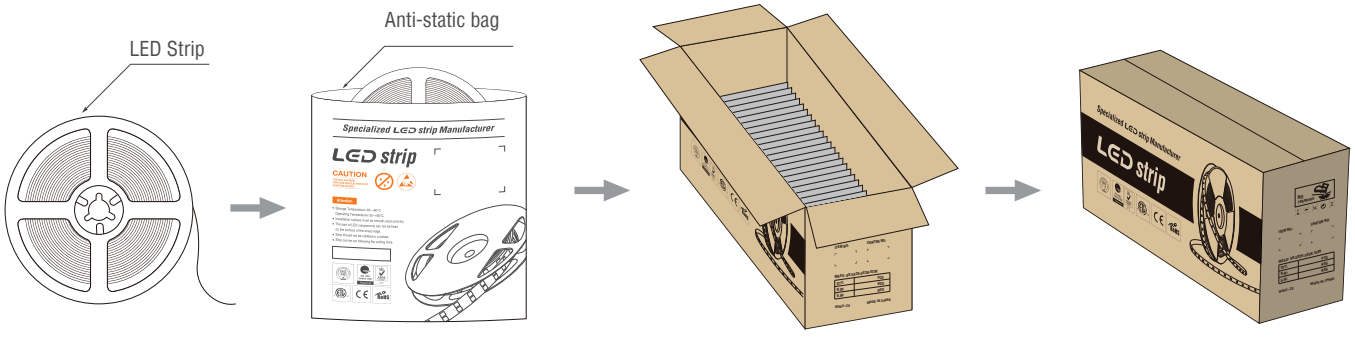
Distortion(Incorrect)



Bend(correct)

- LED strips are low votage products, you must use the power supply (transformer). Please do not connect the LED strip directly to a AC 110V or AC 220V source, otherwise it will burn out the LED strips beyond further use.
- Before applying the strip, first clean the surface from dirt and grime. This will help to ensure the reliability of the adhesive and give the chance of longer life. The electrical connection process must be operated by a professional person.

Packaging



LED Heat Resistant Strip

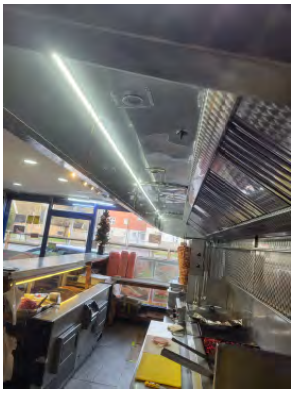
For use in applications where the temperature range is
-25~+100 ℃ (212°F)

▼ Application Examples to show it is fit for purpose

▼ Saunas, Baths, Bathrooms and Pools

▼ Food Display areas and Cabinets





▼ Fireplaces and Stoves (without flames)




▼ Commercial areas, Engine rooms, Scientific Laboratories, Heat Chambers etc.