



ShenZhen Shiji Lighting Co.,Ltd

Ad: Building B 3th Yushan Industrial Park Shi Yan Bao An District Shenzhen China

Tel: 0086-755-23125058 Fax:0086-755-23125658 Web:www.shiji-led.com E-mail: sales06@shiji-led.com

Technical Parameters :

- Light source : 5050 Epistar SMD LEDs
- Beam angle : 120 deg .
- Operating voltage :12V DC
- Current per 3 LEDs (separable every 3LEDs) 60mA
- Consumption watts per 3 LEDs : 0.72W
- Entire roll size : 5000mm x 12.5mm
- Strip thickness : 3.5mm(IP65 gripping epoxy waterproof)
- Entire roll LED quantity : 150pcs
- Operation Temperature : 20 -60
- Storage Temperature : 20 -80
- Wire length : 150mm (at both end)
- Packing : 5meter a roll



Features and Benefits :

- Flexible
- Low profile
- Long life
- Cut-able every 5cm(3 LEDs)
- IP20 Non-waterproof/IP65 gripping epoxy waterproof
- Available on Customer size
- CE and RoHS complian

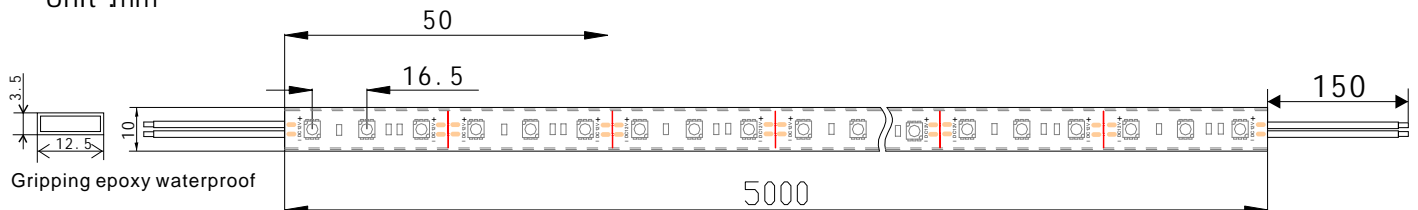


Specification

Part Number	Emitting Color	Lumen/0.5m /30LED	LEDs Meter	V/W/5M	IP Rate
SJ-10060 -50	Cool White	> 10,000lm	pcs	DC12V/72W	IP20/IP65

Outline Dimension :

Unit mm



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Assembly tips :

- ⌚ The LED strip may be cut to fit into installations if necessary . Cutting marks are printed on the strip and must be adhered to . The smallest workable segment of the single color strip is 50mm long and contains 3 top SMD LEDs (RGB is 100mm contains 3 RGB LEDs)
- ⌚ Solder connection should only be performed on designated solder pads on the strip . During soldering , do not exceed the maximum solder temperature of 260 Celsius degrees and the soldering time of 10 seconds .
- ⌚ There is a double sided adhesive tape attached to the back of the strips . Care must be taken to provide a clean and dry mounting surface when mounting the strips . The mounting substrate must have sufficient structural integrity . Take care to completely remove the adhesive backing . Once the strip is appropriately positioned , press on the strip with about 20N (please refer to application notes of 3M adhesive tapes)

Safety tips :

- ⌚ The conducting paths on the flexible PC board must be not damaged during assembly . The strip and all components on it must not be mechanically stressed . The strip may be curved around small radii provided there are no LED components on the bend and the force does not crease the strip . The strip should be secured down immediately to avoid fatigue and breakage .
- ⌚ All applicable electrical and safety standards must be considered when installing the LED strips or related parts like power supply , LED controller and etc .
- ⌚ Correct electrical polarity needs to be observed . Wrong polarity may destroy the strip (note : RGB Led strip is a 4 wire common anode polarity product) .
- ⌚ Parallel connection is highly recommended as safe electrical operation mode . Serial connection is not recommended . Unbalanced voltage drop cause hazardous overload and damage the strip .
- ⌚ Pay attention to standard ESD precautions when installing the strips . It is advised to use a wrist strap during soldering to remove any static electricity . Static electricity may damage the LEDs and other components on the strip .
- ⌚ When mounting on metallic or otherwise conductive surfaces, there needs to be an electrical isolation points between strips and the mounting surface .
- ⌚ Please ensure that the power supply is suitable power to operate the total load .
- ⌚ Damaged by corrosion will not be honored as a material defect claim . Its the users responsibility to provide suitable protection against corrosive agents such as moisture and condensation and other harmful elements .



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