

Indoor Use Only



The Brightest High Power LED Strip Light

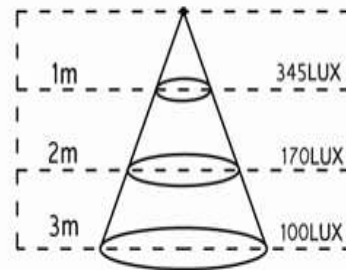
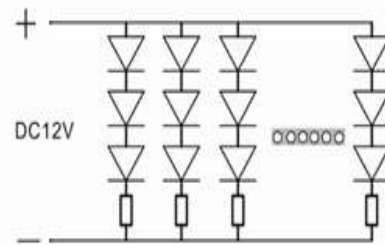
Flexible LED SMD Ribbon Plus

CE & RoHS Certified

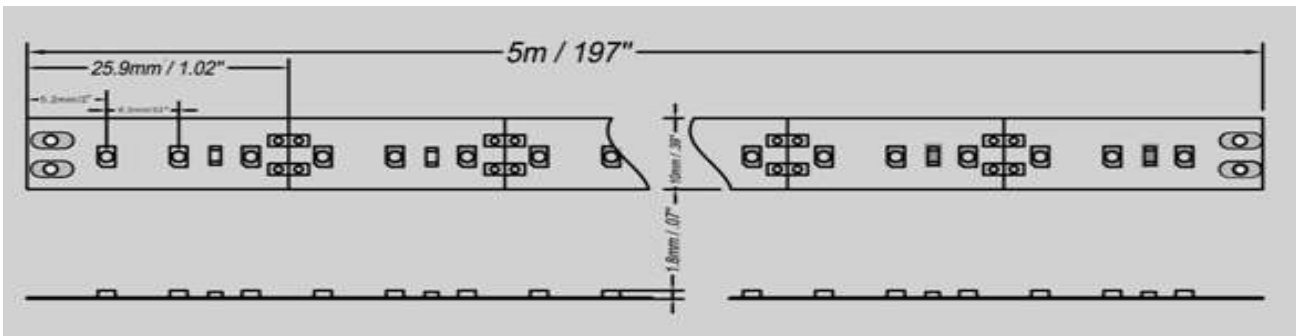


Application

- Cove lighting
- Architectural lights for canopy, corridor, window and archway
- Backlight or edge lighting for signage
- DIY lights for home use
- Path and contour marking
- Decorative lights for holiday, event, show and exhibition



500mm/20" Luminance(white 6500K)

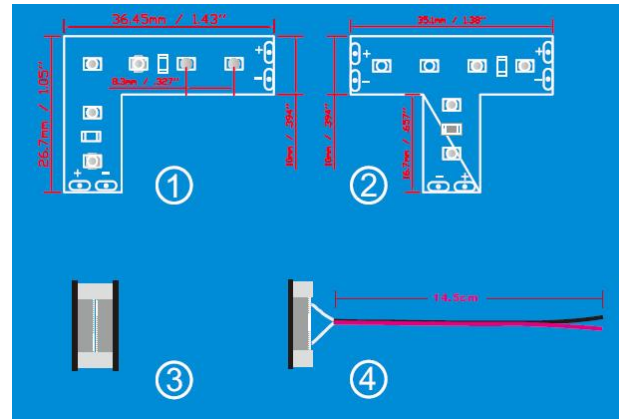


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Part Code	CCT	Length	LED Q'ty	Light Output	Beam Angle	Volt- age	Current	Max. Power	Max. Length
ES600W	6000K	5meter	600	5100Lumens	120	12V	8A	96W	10meters
ES600WW	3000K	5meter	600	4080Lumens	120	12V	8A	96W	10meters

Accessories

1	Corner Connector
2	T Connector
3	Ribbon to Ribbon Connector
4	Ribbon to Wire Connector



Installation

1. Soldering should only be performed on designated solder pads (marked +/-). During soldering, don't exceed the maximum soldering time of 10 seconds and the maximum soldering temperature of 260 Celsius degrees.
2. The smallest unit(25mm/1" -6 LEDs) can be removed by cutting with scissors between the designated solder pads.
3. The mounting of the strip is facilitated by means of the double-sided adhesive on the back-surface of the strip. Care must be taken to provide a clean and dry mounting surface free of oils or silicone coatings as well as dirt partide. 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/cm2(refer to application techniques of 3M adhesive transfer tapes).
4. The minimum bending radius is 2 cm. The strip may be bent over a smaller radius of the circuit board containing no electronic components and such bends should be made once and fixed in position to avoid cyclic fatigue.

Warning

1. The ribbon and components may not be stressed.
2. Installation must not damage conducting paths on the circuit board.
3. Installation needs to be made with regard to all applicable electrical and safety standards. Only qualified personnel are allowed to perform the installation.
4. Parallel connection is highly recommended as safety electrical operation mode.
5. Serial connection might cause uneven voltage drop which might cause hazardous overload and damage the ribbon.
6. The adaptor / power supply should be able to load 8A to 5 meters.
7. When mounting on metallic or other conductive surfaces, there need to an electrical isolation points between the ribbon and the mounting surface.
8. Damage by corrosion will not be honored as material defect claim. It's the users' responsibility to provide suitable protection against corrosive agents such as moisture, condensation and other harmful elements.