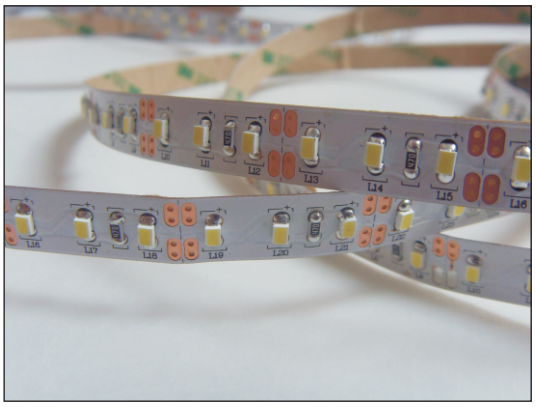
SC-BID

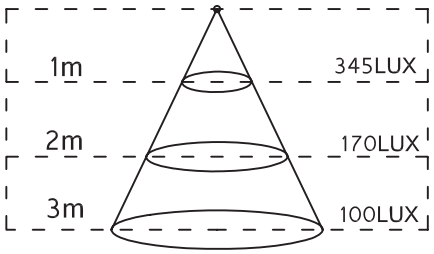
Flexmond™



Application

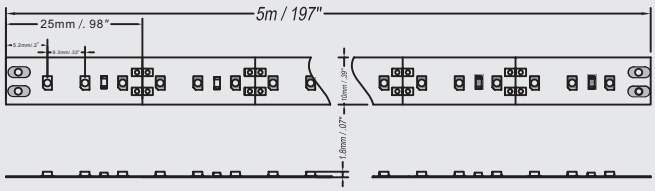
- Cove lighting
- Architectural lights for canopy,corridor,window,archway
- Backlight or edge lighting for signage
- DIY lights for home use
- Path and contour marking
- Decorative lights for holiday,event,show,exhibition

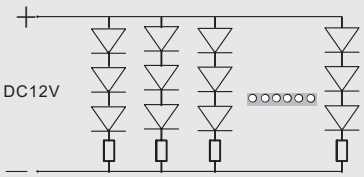
CE RoHS COMPLIANT warranty 3 years



500mm/20 ″Luminance(white 6500K)

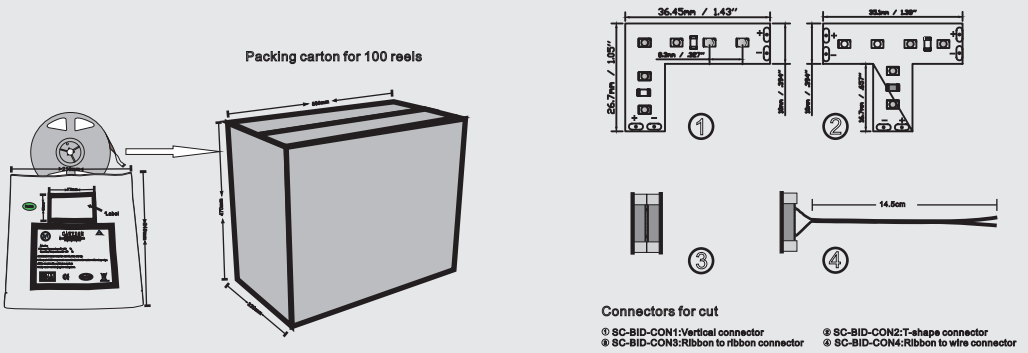
Printed circuit board layout





Technical parameters

Model Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lumen/m)	Beam Angle (degrees)	Voltage (V DC)	Current (Amps/m)	Max.Power Consumption (W/m)	IP	Continuous Connection (m)
SC-BID-W	White	5	600	3020 SMD LED	1220	120	12	1.6	19.2	20	5
SC-BID-WW	Warm White	5	600		850	120	12	1.6	19.2	20	5
SC-BID-NW	Natural White	5	600		1090	120	12	1.6	19.2	20	5
SC-BID-W-24V	White	5	600		1220	120	24	0.8	19.2	20	5
SC-BID-WW-24V	Warm White	5	600		850	120	24	0.8	19.2	20	5
SC-BID-NW-24V	Natural White	5	600		1090	120	24	0.8	19.2	20	5



Assembly Information

- Solder connection 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.
- The smallest unit(25mm/1 -3 LEDs) can be removed by cutting with scissors between the designated solder pads.
- The mounting of the strip is facilitaed 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).
- 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.

Safety Information

-The strip itself and all its components may not be mechanically stressed.
-Assembly must not damage or destroy conducting paths on the circuit board.
- Installation of LED modules (with power supplies) needs to be made with regard to all applicable
- electrical and safety standards. Only qualified personnel should be allowed to perform installations.
- Correct electrical polarity needs to be observed. Wrong polarity may destroy the strip.
- Parallel connection is highly recommended as safe electrical operation mode.
- Serial connection is not recommended. Unbalanced voltage drop can cause hazardous overload and damage the strip.
- Please ensure that the power supply is of adapters power to operate the total load. The adaptor/power supply should be able to load 8A to run 5 meters.
- When mounting on metallic or otherwise conductive surfaces, there needs to be an electrical isolation points between strip and the mounting surface.
- Pay attention to standard ESD precautions when installing the strip.
- Damaged by corrosion will not be honored as a materials defect claim. It is the user's responsibility to provide suitable protection against corrosive agents such as moisture and condensation and other harmful elements.

After cutting along the line, if you want to connect the cutting sections or connect one section to power, the connectors will be necessary.