

Ultralex

P - RIBBON™

Pure white version LED's

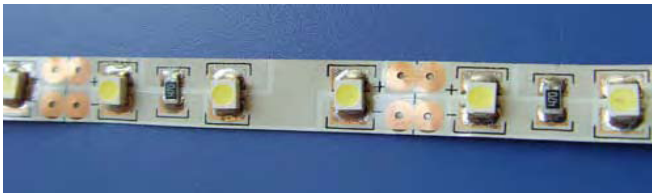
From:

SIGNALEX INC. 

www.signalex.com / 1-800-465-8004



Triple the brightness of normal ribbon light !!!



Applications

- Edge-light signage, channel letters
- Home lighting: kitchen, bedroom, corridor, furniture, etc.
- Commercial building interior lighting
- General lighting for shop, museum, hospital, theatre
- Decorative lighting for pub, disco, club, KTV

Description

- The reel length is approx. 5 metres (16 feet), width is 6 mm packed in roll.
- Assembled with **390 pcs.** of either **0.07W**, **0.16W** or **0.25W** power SMD LED's with 12.7mm spacing.
- Special heat dissolving 3M double-sided adhesive tape on PCB back.
- 0.07W @ 12VDC = 23.5 watts 1.96 Amps / roll. Light output is 5500 lux measured from 10mm distance.
- 0.16W @ 12VDC = 38 watts 3.22 Amps / roll. Light output is 11500 lux measured from 10mm distance.
- 0.25W @ 12VDC = 44.6 watts 3.72 Amps / roll. Light output is 16000 lux measured from 10mm distance.
- Beam angle = 120 degrees.
- Maximum operating temperature is 50 degrees Celsius in free air.
- Separable every 3 LED's along the cutting marks. (See package).
- Colour is pure bright white 5500-6500K
- Weight 0.22KG / roll.
- Standard warranty: 4 years.

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 degrees Celsius.
- The smallest unit, (3 LED's) can be removed by cutting with scissors between the designated solder pads.
- The mounting of the ribbon is facilitated by means of the double-sided adhesive on the back surface of the ribbon. Care must be taken to provide a clean and dry mounting surface, free of oils or silicone coatings as well as dirt particles.
- The mounting substrate must have sufficient structural integrity. Take care to completely remove the adhesive backing. Once the ribbon is appropriately positioned. Press on the ribbon with about 20N/cm2 pressure. (Refer to application techniques of 3M adhesive transfer tapes).
- The minimum bending radius is 2 cm. The ribbon may be bent over a smaller radius of the circuit board containing no electronic components. Such bends should be made once and fixed in position to avoid cyclic fatigue.

