

Indoor Dry Location Only

High Power LED Strip Light

Flexible LED SMD Ribbon

CE & RoHS Certified



- Ideal for architectural decorative lighting, emergency hallway, backlighting, cove lighting etc.
- High power LED optimizes light output up to 120 Lumens per meter with only 4.8W energy consumption per meter, providing up to 100,000 hours life time (white one will be 40,000 hours) and up to 90% in energy savings compared to incandescent
- No UV or IR Radiation
- RoHS compliant– eco-friendly
- Almost no heat—safe to touch
- Easy to install—3M self adhesive tape on reverse
- Maintenance free
- No brittle parts, solid state, high shock / vibration resistant, light and good for shipping
- The light ribbon can be cut part every 3-leds interval for design flexibility

www.everbrightlights.com

Electrical, Technical and Ordering Data

Product Code	Colour	Color Temperature	Length	LED Q'ty	Light Output per meter	Max Power Consumption	Max cont' Length
ES500CW	Cool White	6700k	5m	300	120Lumens	24W	15m
ES500WW	Warm White	3300k	5m	300	90Lumens	24W	15m
ES500R	Red	610nm	5m	300	90Lumens	24W	15m
ES500Y	Yellow	590nm	5m	300	90Lumens	24W	15m
ES500G	Green	515nm	5m	300	100Lumens	24W	15m
ES500B	Blue	460nm	5m	300	60Lumens	24W	15m
ES500RGB	RGB		5m	150	125Lumens	36W	10m
ES500RGB2	RGB		5m	300	250Lumens	72W	8m

- Net weight: 38g/m
- Dimensions: 2.5mm x 8mm (RGB is 10mm)
- View angle: 120°
- Supplied with red and black connecting wires
- Life Time: 40,000 Hours
- Input Voltage: 12V DC only
- Body Temperature: <53 Centigrade
- Working Temperature: -30~110 Celsius degree
- Storage Temperature: -40~120 Celsius degree
- Light Attenuation Quotient: 3%-5%/1Kh

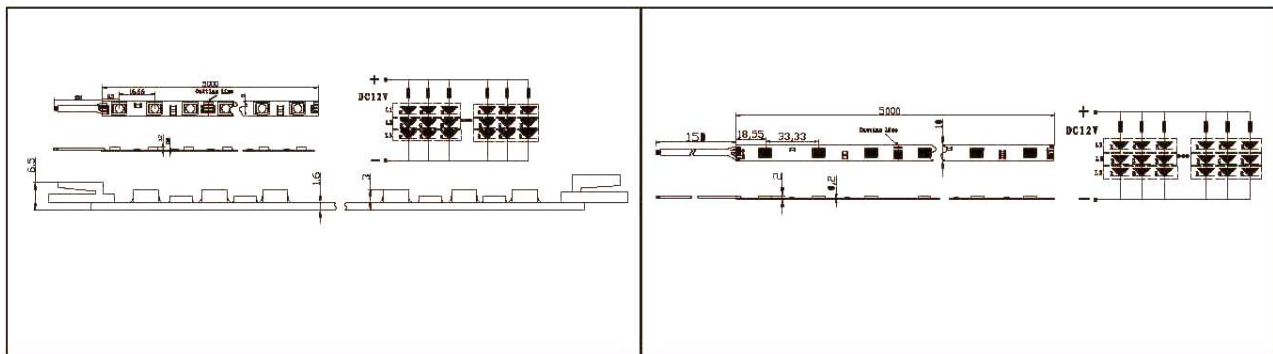
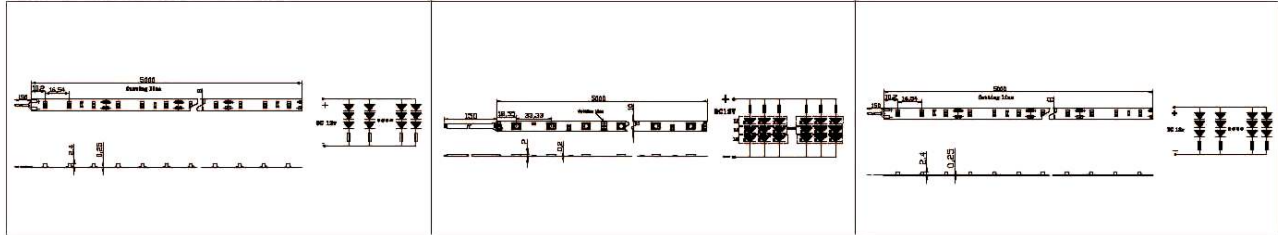
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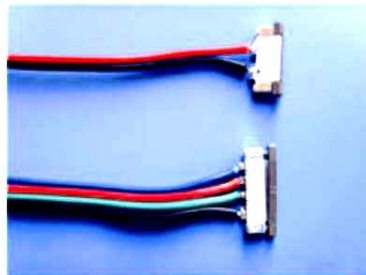
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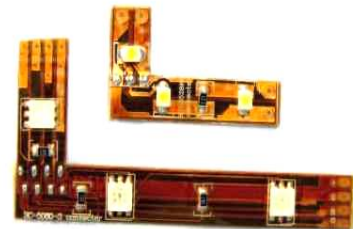
Dimension drawing (Unit:mm)



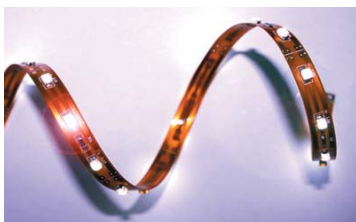
connector of strip to strip



connector of strip to power



curve connector



Connector of Strip to Strip: for single color **ES500C1**; for RGB **ES500C2**

Connector of Power to Strip: for single color **ES500C3**; for RGB **ES500C4**

Curve Connector: for single color **ES500C5**; for RGB **ES500C6**

Caution:

- No serial connection, parallel connection is recommended.
- Soldering can only be applied on designated solder pads (marked: +/-). Don't exceed the maximum soldering time of 10 seconds and the max. soldering temperature of 260 Celsius degree.
- 3M tape mounting surface must be clean and dry. Once the strip is appropriately positioned. Press on the strip with about 20N/cm² (refer to 3M adhesive tape user manual)