LED strip 335(4008) SMD 120LED/m

Wide applicability, easy to install and maintain, long lifespan.
Very flexible, easily be curved to any shape.
Various colors available.
Extremely luminous, with wide viewing angle.
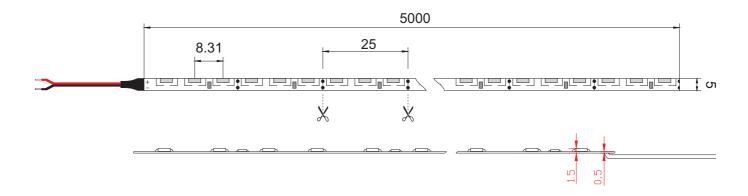Energy saving and environmental conservation.

Applications

Indoor decoration lighting
Large scale backlight
Window display lighting
Building contour decorative lighting
Advertising signs

Caution

➡ Linear separable LED strip on flexible printed circuit board with self-adhesive back.

➡ Each unit of 3 LEDs can be cut out as a regular segment without damaging the rest ribbon.

➡ brand LED package, 3 years guarantee

➡ Better brightness, longer lifespan

WULITON s.r.o., Za Žoskou 2506, 288 02 Nymburk
Tel.: +420 776 100 197; +420 602 880 681
www.wuliton.eu, info@wuliton.eu

1

LED strip 335(4008) SMD 120LED/m

Notes:
1. All dimensions are in millimeters.
2. Tolerance is ±0.25mm unless otherwise specified.
3. Lead spacing is measured where the leads emerge from the package.
4. Specifications are subject to change without notice.

Electrical / Optical Characteristics

Color	Operating Voltage	Wattage (W)	LED quantity / m	Length	Correlated Color Temp. (K)	Luminous Flux (lm/m)
warm white	12V	9.6	120	5m	2700 - 3000 K	N/A
natural white	12V	9.6	120	5m	4000 - 4500 K	N/A
cool white	12V	9.6	120	5m	5900 - 6500 K	N/A
red	12V	9.6	120	5m	-	N/A
green	12V	9.6	120	5m	-	N/A
blue	12V	9.6	120	5m	-	N/A
yellow	12V	9.6	120	5m	-	N/A

Note:
Prohibit to use this product in excess of the operating voltage (DC12V) 5%.
Non-waterproof products, and the working environment humidity is less than 60%.
Don't add reverse voltage at both ends of the product.
No weights extrusion, excessive meander.
Life span is 50000h.
Standard length: 5 meters/reel
Ribbon width: single color 5mm
Printed circuit board thickness: single color 0.25mm

WULITON s.r.o., Za Žoskou 2506, 288 02 Nymburk
Tel.: +420 776 100 197; +420 602 880 681
www.wuliton.eu, info@wuliton.eu

2

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 (3LEDS) 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 partied. 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 (refer to application techniques of 3M adhesive transfer tapes).

The minimum bending radius is 1cm. The ribbon may by bent over a smaller radius of the circuit board contain no Electronic components and such bends should be made once and fixed in position to avoid cyclic fatigue.

Safety information ⚠

The SMD light ribbon itself and all its components many 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 personel should be allowed to perform installations.

Correct electrical polarity needs to be observed, Wrong polarity may destroy the ribbon.

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 ribbon.

Please ensure that the power supply is of adapter power to operate the total load.

When mounting on metallic or otherwise conductive surfaces, there needs to be an electrical isolation points between ribbon and the mounting surface.

Pay attention to standard ESD precautions when installing the ribbon.

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.

CE   more than 50,000H LIFETIME   RoHS 2002/95/EC   UL   FC   c UL us

WULITON s.r.o., Za Žoskou 2506, 288 02 Nymburk
Tel.: +420 776 100 197; +420 602 880 681
www.wuliton.eu, info@wuliton.eu

3