



SMD5050 LED Neon Lights Side View 56mm Cut Length RGB Color IP67

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: TL
- Certification: CE, ROHS, UL
- Model Number: TL-SW10CA/B
- Minimum Order Quantity: 1pc
- Price: Negotiable
- Packaging Details: Carton
- Delivery Time: 7-15 workdays
- Payment Terms: T/T
- Supply Ability: 5000m/day



Product Specification

- Part No: TL-SW10CA/B
- LED Qty/m: 108pcs
- LED: SMD5050
- Materials: Silicone
- IP Grade: IP67
- Color: RGB
- Voltage: DC12V/24V
- Performance: Stable Reliability, UV And Yellowish Resistant
- Cut Length: 28mm/56mm
- Certification: UL CE ROHS
- Highlight: led rope light

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Product Description

SMD5050 LED Neon Lights Side View 56mm Cut Length RGB Color IP67

Application

Can be Widely used in building outline decoration lighting, KTV decoration lighting, Car decoration lighting, urban lighting and others decoration lighting.

Product features

Product standard length: 5 meters(16.4ft).
 Product can be fixed in the rugged place (smooth surface and bendable).
 Beam angle: 150°.
 Input voltage: 12VDC/24VDC.
 Excellent lumen maintenance (3oz FPC).
 12VDC product: maximum length 5 meters (16.4ft).
 24VDC product: maximum length 10 meters (32.8ft).
 Flexible cutting (the cut mouth sealed by silicone glue).
 IP68.
 Stable reliability and anti-UV.

Technical data

| Part No | light color | light wavelength (nm) | light angle (°) | lumens (lm/m) | light efficiency (lm/W) | voltage (DC/V) | power (W/M) |
|-------------|-------------|-----------------------|-----------------|---------------|-------------------------|----------------|-------------|
| TL-SW10CA/B | R | 617 | 120 | 55.25 | 12.79 | 12/24 | 17.28 |
| | G | 515 | 120 | 136.79 | 21.11 | 12/24 | |
| | B | 462 | 120 | 26.19 | 4.042 | 12/24 | |

Tolerance range for optical and electrical data: $\pm 15\%$.

All value @ $t_a=25^\circ\text{C}$.

Voltage tolerance range of the power supply: $\pm 5\%$.

Application data

| | |
|-------------------------------|-------------------------------|
| Maximum length | 10/15 meters (32.8/49.2ft) |
| Ambient temperature range | $-25 \sim +50^\circ\text{C}$ |
| The temperature of module top | 65°C |
| Storage temperature range | $-40 \sim +70^\circ\text{C}$ |
| Certification | CE/UL/ RoHS |

Installation

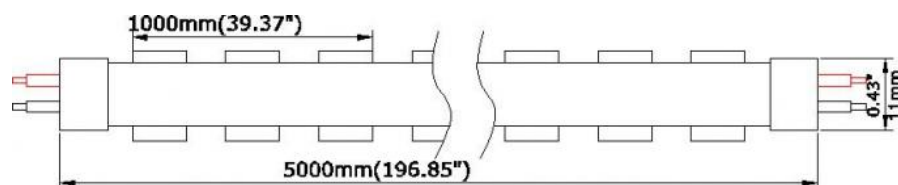
U-type PC accessory to fix

Product 2D drawing

12VDC/24VDC product interior drawing



Product installation schematic diagram



Product sectional drawing



Product application

Product ⇒ Fix letter groove ⇒ Clip product ⇒ Actual result

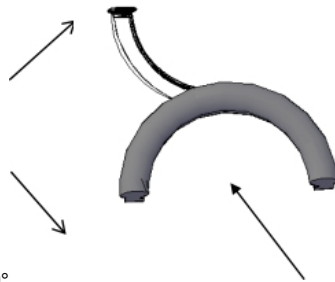


Connect two products

Product ⇒ Cut the product based on application requirement ⇒ Solder the wire ⇒ Actual result
“+/-”, “+/-”



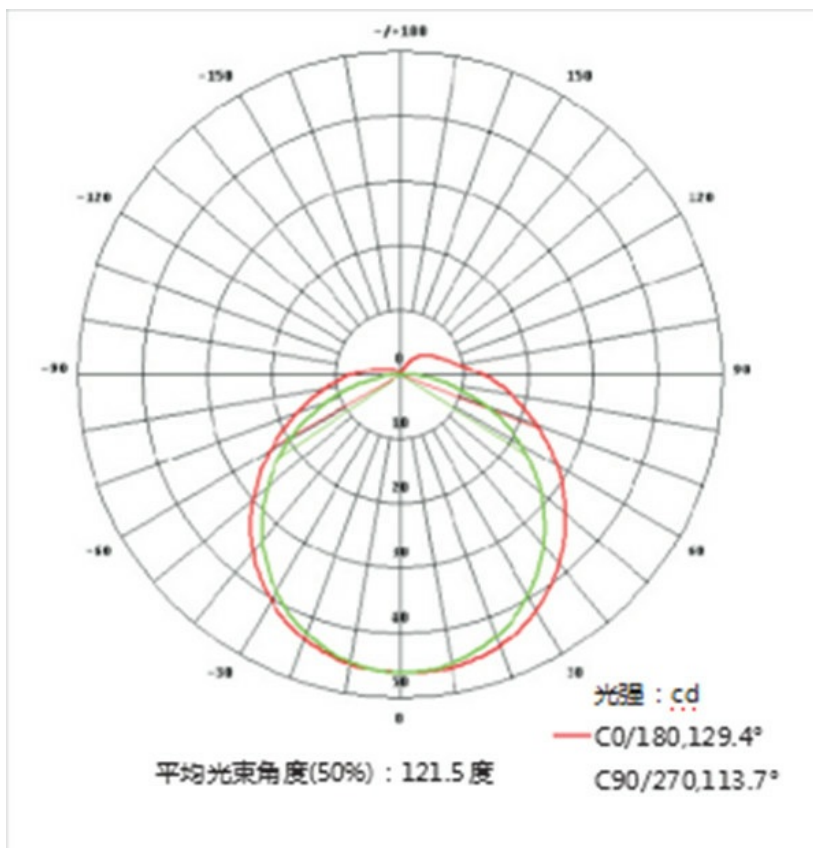
Bending direction



The maximum bending angle 360°

The minimum bending radius: 15mm (0.59")

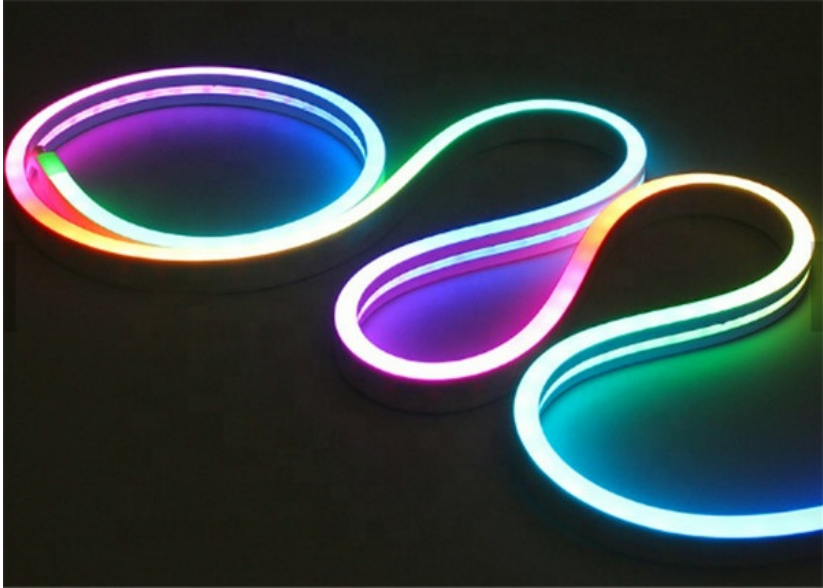
Light distribution



Packaging information

| Product name | Product dimension (L*W*H) | Carton dimension (mm/inch) | Total length/carton | Gross weight (kg) |
|--------------|---------------------------|----------------------------|---------------------|-------------------|
|--------------|---------------------------|----------------------------|---------------------|-------------------|

| | | | | |
|-------------------|--------------------------------------|------------------------------------|-------------|------|
| RCC0GX06A/B(2835) | 5m*10mm*17mm (16.4ft*0.39**0.67") | 390*390*325 (15.4**15.4**12.8") | 60m (195ft) | 15.5 |
|-------------------|--------------------------------------|------------------------------------|-------------|------|



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