SMD 5050 Flexible RGBW RGB LED Rope Light Spool Waterproof With UL

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen,China
- Brand Name: TL
- Certification: CE,ROSH,UL
- Model Number: TL-SW10CA/B
- Minimum Order Quantity: 1pcs
- 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 RGBW
- Voltage: DC12V/24V
- Performance: Stable Reliability,UV And Yellowish Resistant
- Cut Length: 28mm/56mm
- Certification: UL CE ROSH
- Highlight: **led rope light**

More Images

Product Description

SMD 5050 waterproof Led flexible RGB RGBW neon strip light with UL

Application

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

Product description

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.

LED Type	SMD-5050
Voltage	12V/24V
Color	RGB/W/R/G/B/Y/A
Refresh Frequency	800 KB
Application	Outdoor decoration light
IP rank	IP20/IP65/IP68/IP67
IC Model	P943
Wire	99.99% pure gold wire
Warranty	3 Years

ADVANTAGE

We pay a strict attention to build each products and acheive a "win-win" relationship with our customers.

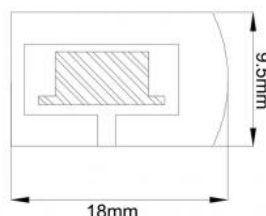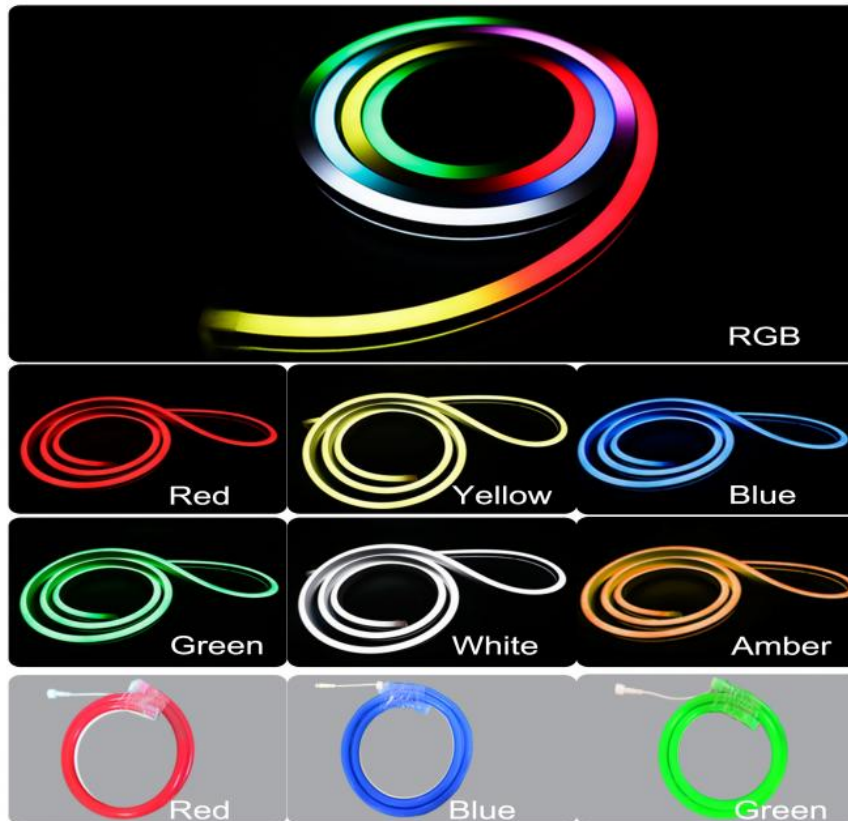Our Philosophy always are: Quality First，Customer First，Service First.

waterproof process/01

02/ Good toughness

Resistance to yellowing/03

04/ Safety end plug

Compatible with multiple controllers in the market /05

06/ Good pervious to light

PRODUCT SIZE

Width：9.5mm

Height：18mm

9.5mm

18mm

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: ±15 %.
All value @ ta=25 .
Voltage tolerance range of the power supply: ±5 %.

Maximum length	10/15 meters (32.8/49.2ft)
Ambient temperature range	-25 ~ +50 °C
The temperature of module top	65 °C
Storage temperature range	-40 ~ +70 °C
Certification	CE/UL/ RoHS

Product 2D drawing

12VDC/24VDC product interior drawing

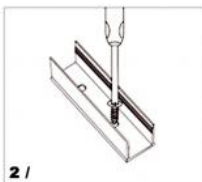Product installation schematic diagram
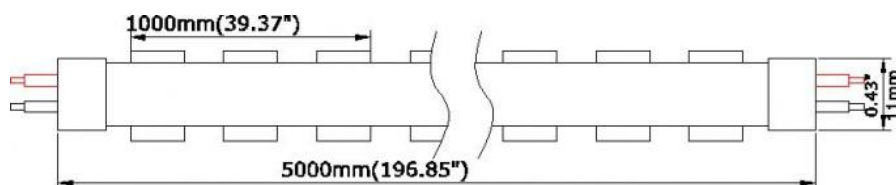
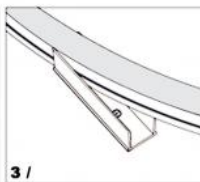## Product sectional drawing

[Installation](#)

INSTALLATION

Method 1: Aluminum profile installation

1/	2/	3/	4/
Prepare the screws and fixed clips	Adjust the fixed clips to the appropriate place, then insert the LED strip into the fixed clips	Put the light emitting surface upwards, use a screwdriver to fix the screw.	Fix led strip completely into the fixed clip.led strip sublace must be parallel to the top edge of fixed clip

Method 2: clips installation

1/	2/	3/	4/
1. Accessories clips screw screw-driver.	2. fxed clips	3. Install the linear light	4.fixed the lnear light

CUTTING WAY

[Benging direction](#)

ACCESSORIES

Controller	1 set
Clips	3pcs/mtr
Screw	3pcs/mtr
Waterproof end caps	endcaps without hole
Waterproof end caps	endcaps with hole

screw   clips   endcaps**1**   endcaps**2**

ATTENTION

⚠ reverse bending will be lead to LEDs damage.

Light distribution

平均光束角度(50%)：121.5度

光强 : cd
— C0/180,129.4°
C90/270,113.7°
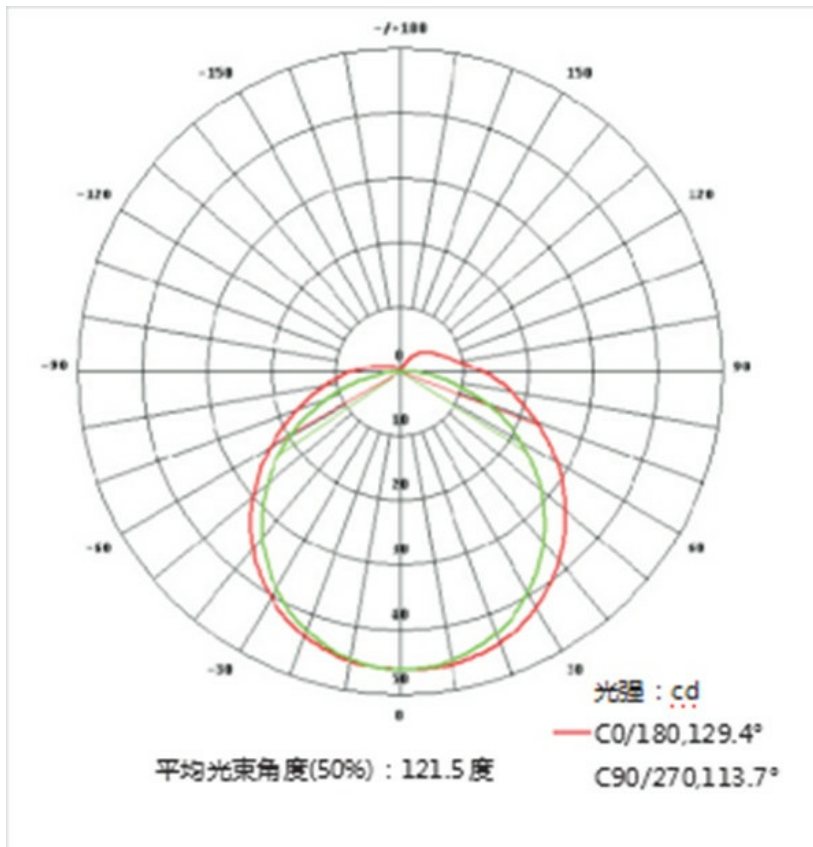
Packaging information

Product name	Productd 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