SurMountor

SUR-FCOB528CC-12V
FLEXIBLE STRIP INTRODUCTION

Lister:_____ **Assessor:**_____ **Approver:**_____

Features:

- New Flip Chip On Board Flexible LED Strip, 528 chips per meter.
- Ideal for LED lighting application to avoid multi-shadows.
- Higher heat conductivity for better thermal management.
- Provide variable and innovative array LED layout designs and combinations.
- Available in 12V DC maximum.
- Very bright & low power consumption.
- Operating temperature: -20°C to +50°C.
- Long life span LED lights, more than 50,000 hours.
- Adhesive back, peel & stick!
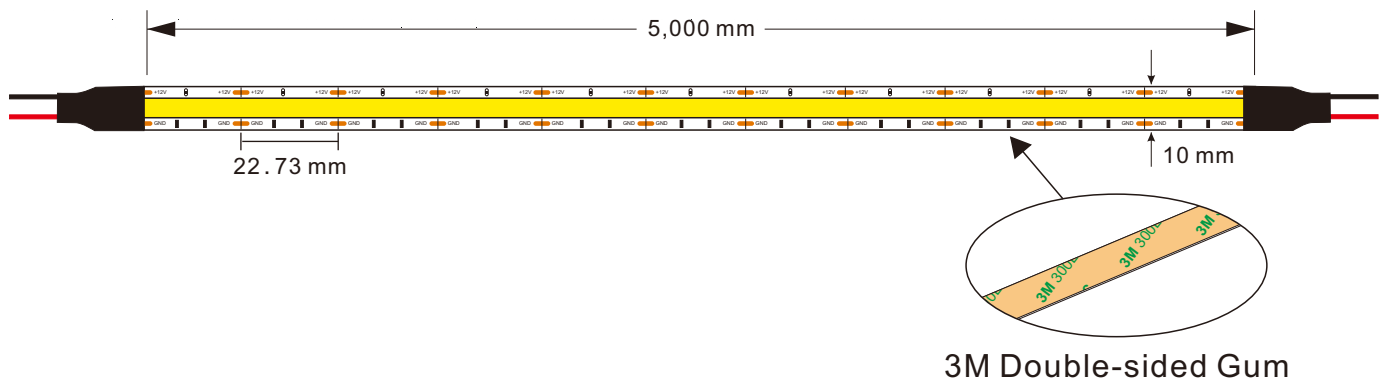- All available controller or dimmers.
- Non-waterproof, IP20[1].

1:

LED Strip   PCB
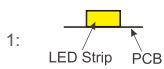
Applications:

Ideal for sign letters and channel letters, concealed lights, room lighting, equipment.
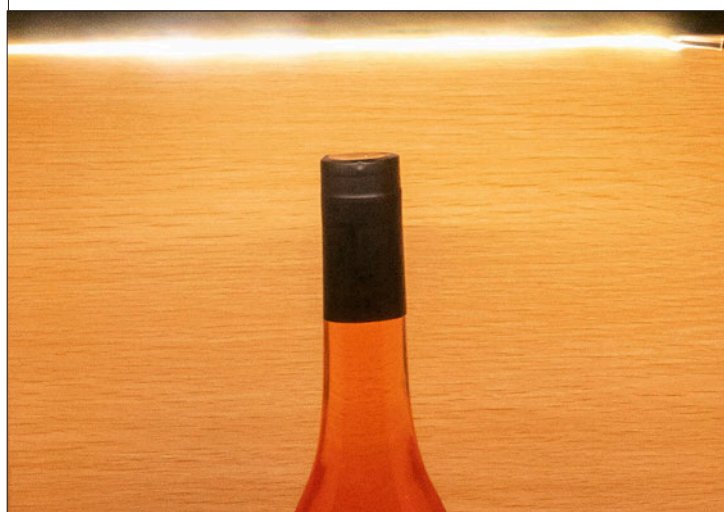
Assembly drawing:

Top View

5,000 mm

22.73 mm

10 mm

3M Double-sided Gum

Section

1.6 mm

Dropper Series: SUR-FCOB528CC-12V

Part number	Color		LED QTY/meter	Lumen/meter	Voltage	Power/meter	Packing means
SUR-FCOB528CC-12V	WW	☐	528	950	DC12V	10 Watt	5 meters/reel
	NW	☐		1,000			
	CW	☐		1,050			

New COB Strip without any LED dots	Normal LED Strip with many LED dots

LED Light distribution

Radiation diagram

Relative luminous intensity Iv %

CE

RoHS

2 yrs warranty
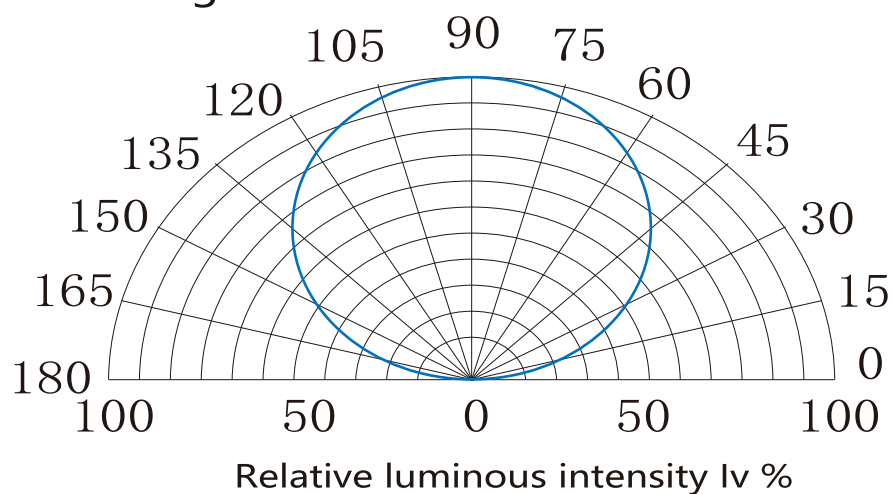
Color spectrum (CRI80+)

For: white LED

y-axis: relative inten sity (0.0 – 1.0)
x-axis: wave length (nm) 400 450 500 550 600 650 700
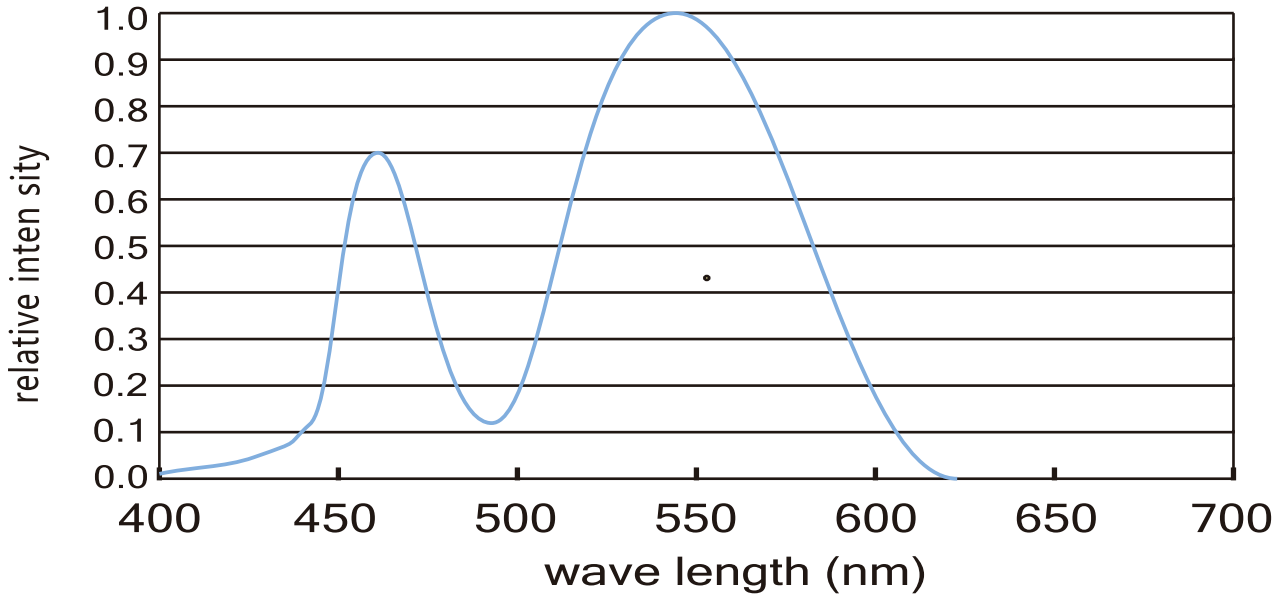
Package:

| 5 meters/reel | 1 reel/bag | 25 Bags/Iner Box | 50 Bags/Outer Box |

Outer box size:34x52x27cm

Package: 5 meters strip in one reel, one reel in one anti-static bag, 25 bags put into one carton, 2 inner boxes put into 1 carton .

Surmountor Lighting Co., Ltd   03

Add: 2/F, Building D, Yonghengxin Industrial Park, No. 5, Furui Road, Fuyong Town, Shenzhen, Guangdong, China.   Tel: +86-0755-2792 6119 / 2792 6326   Email: sales@surmountor.com

How to connect flexible strip:

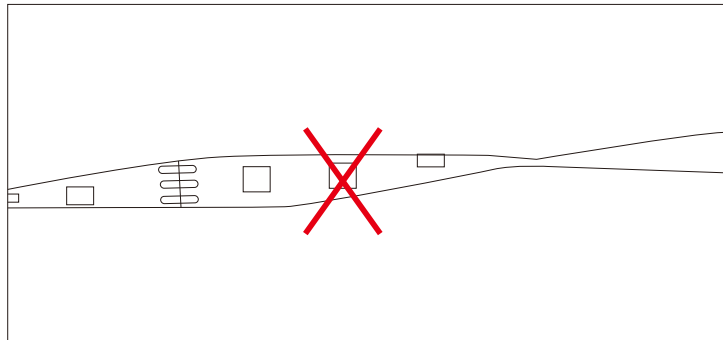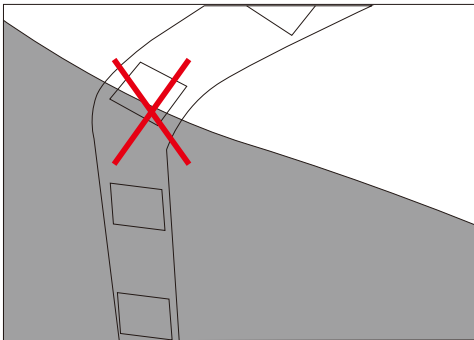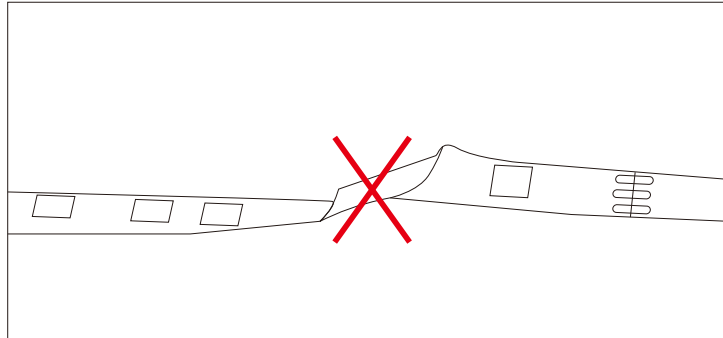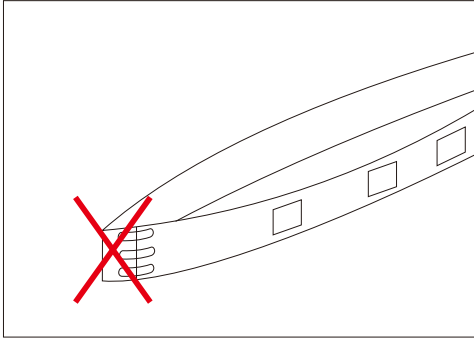Below shows you how to connect the flexible strip to power supplies
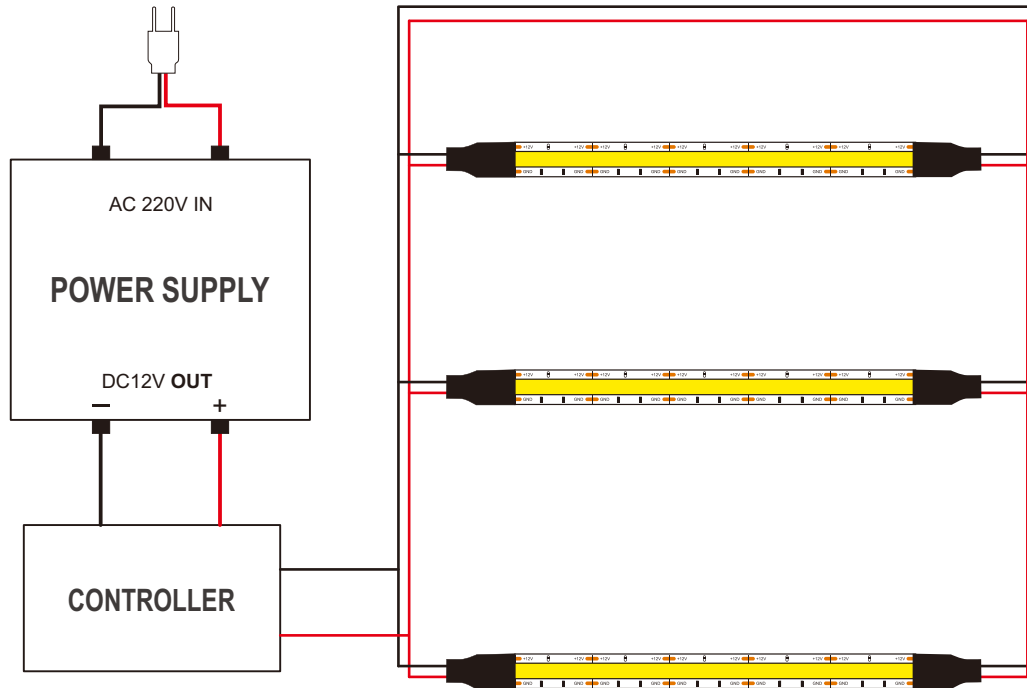
Note:

- Please note that, the LED strips should not be used in sealed or hot place, to make sure the heat dispersion is good for the LEDs.

- Each flexible strip with a total length of the series can not be more than 5 meters.

- Flexible strip with all of the total power can not exceed 90% of the power switching power supply.

Surmountor Lighting Co., Ltd   04

📍 Add: 2/F, Building D, Yonghengxin Industrial Park, No. 5, Furui Road,
    Fuyong Town, Shenzhen, Guangdong, China.   📞Tel: +86-0755-2792 6119 / 2792 6326   ✉ Email: sales@surmountor.com

⚠️ Cautions:

When install the led strip, please note the installation technique. The led strip can be bent, but not distorted, as shown below:

Distortion(Wrong)

Bend (Right)

R>=50MM

Surmountor Lighting Co., Ltd

📍 Add: 2/F, Building D, Yonghengxin Industrial Park, No. 5, Furui Road, Fuyong Town, Shenzhen, Guangdong, China.

📞Tel: +86-0755-2792 6119 / 2792 6326

✉️ Email: sales@surmountor.com

05