SurMountor

SUR-5050FRGB30-12V

FLEXIBLE STRIP introduction

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

Features:
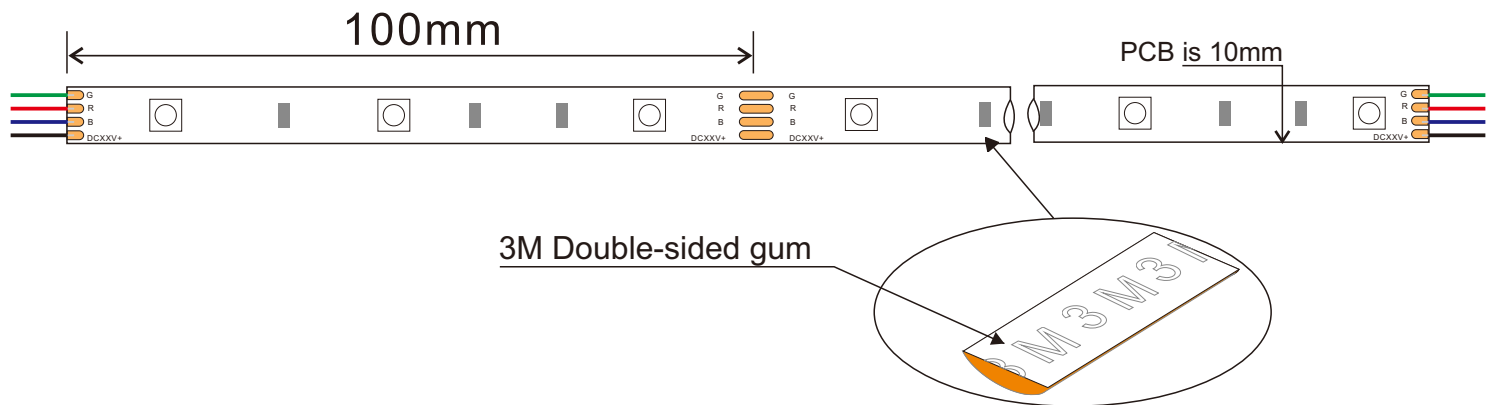
Available in 12V DC maximum.

Very bright & low power consumption.

Operating temperature: -20~50°C.

Long life span LED lights, more than 50,000 hours+.

Adhesive back, peel & stick！

No Water-proof, IP20.

Applications:

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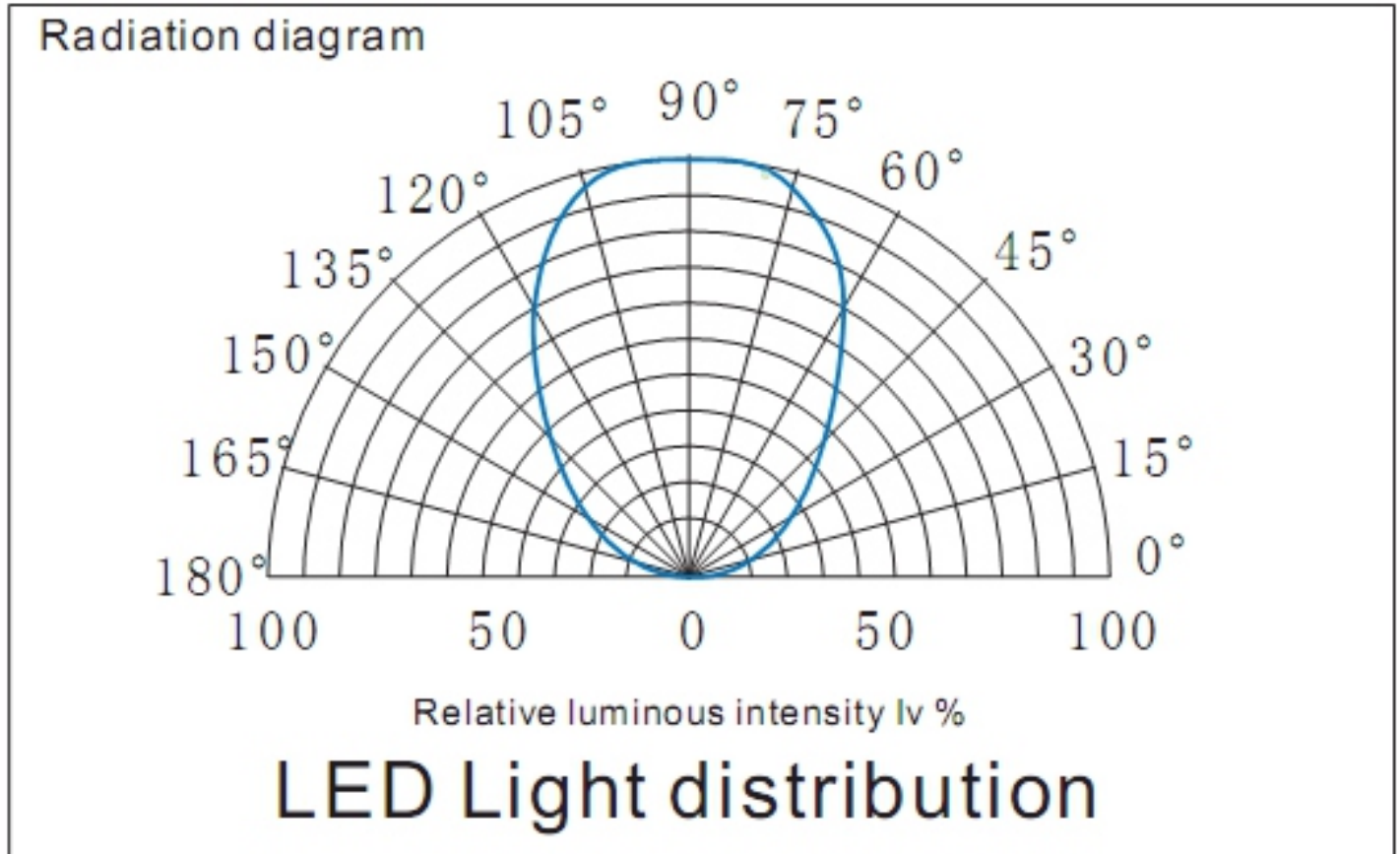
Assembly drawing

Top View

100mm

PCB is 10mm

3M Double-sided gum

Section

2.5 mm

Surmountor Lighting CO Limited
Tel.: +86-755-27926119   Email:sales@surmountor.com
Address: 2nd Floor, Building D, NO.5, Fu Rui Road, Qiao Tou, Fuyong town, 518103 ,Bao An district, Shenzhen, GuangDong Province, China

01

5050 30LED/meter

Part number	Color		LED QTY/meter	Lumen/meter	Voltage	Power/meter	packing means
SUR-5050FRGB30-12V	Red	🟥	30	54	DC12V	7.2 watt	5 meter/reel
	Green	🟩		135			
	Blue	🟦		36			

Radiation diagram

Relative luminous intensity lv %

LED Light distribution

CE RoHS 2 yrs warranty

How to connect flexible strip

Below shows you how to connect the flexible strip(RGB) to power supplies.

AC 220V IN

POWER SUPPLY

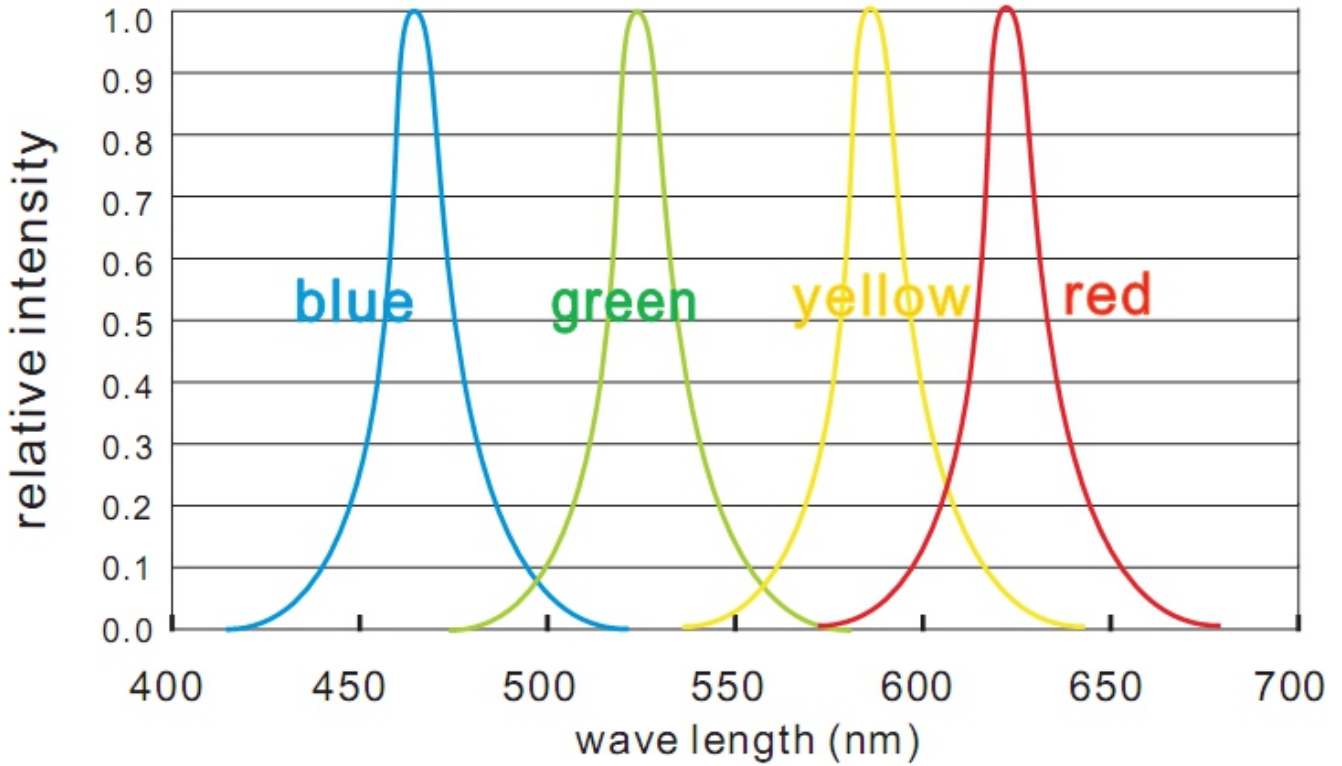DC12V OUT
+   –

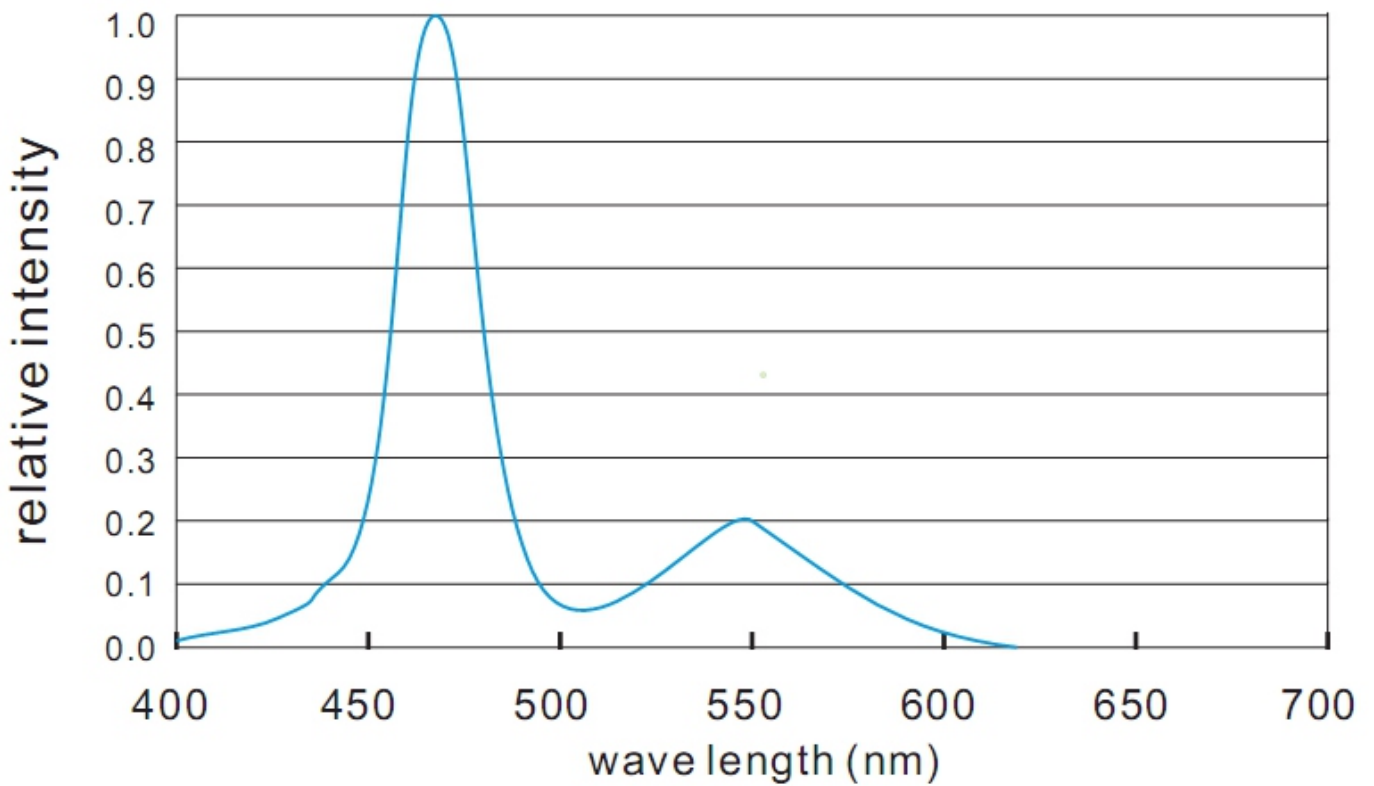**CONTROLLER**   + R G B
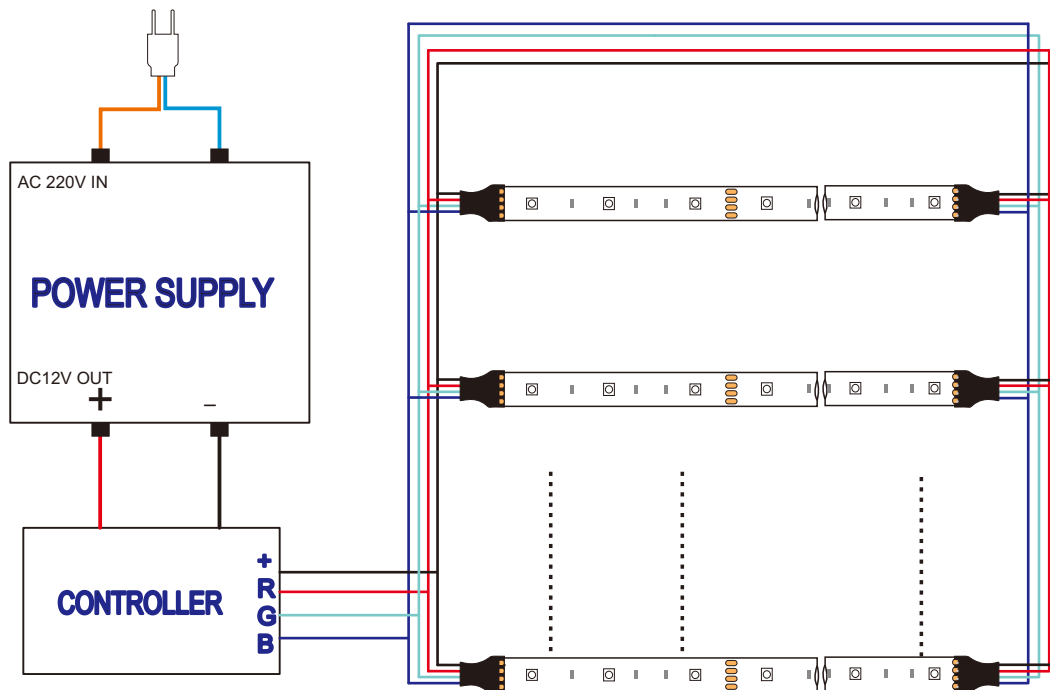
Note:

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.

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03

for: red, blue, green, yellow

for: white LED

Package:

1 reel/bag

25 bags/Iner Box

Inner box
size:25x26x31cm

50 Bags/Outer Box
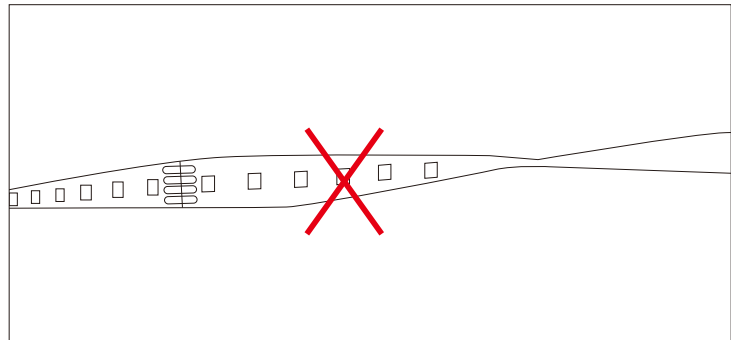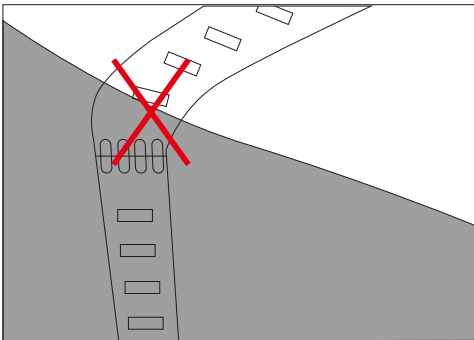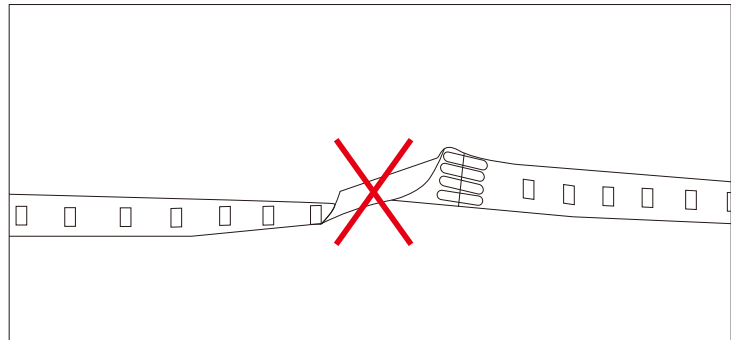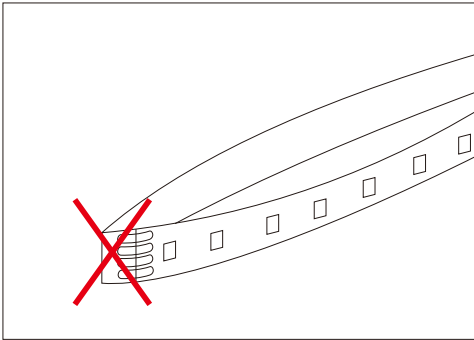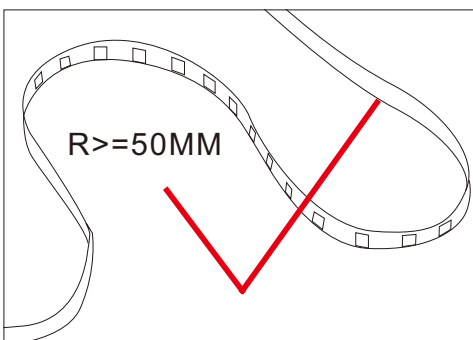
Outer box
size:34x52x27cm

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

⚠ **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)

R>=50MM

Bend (Right)