SurMountor
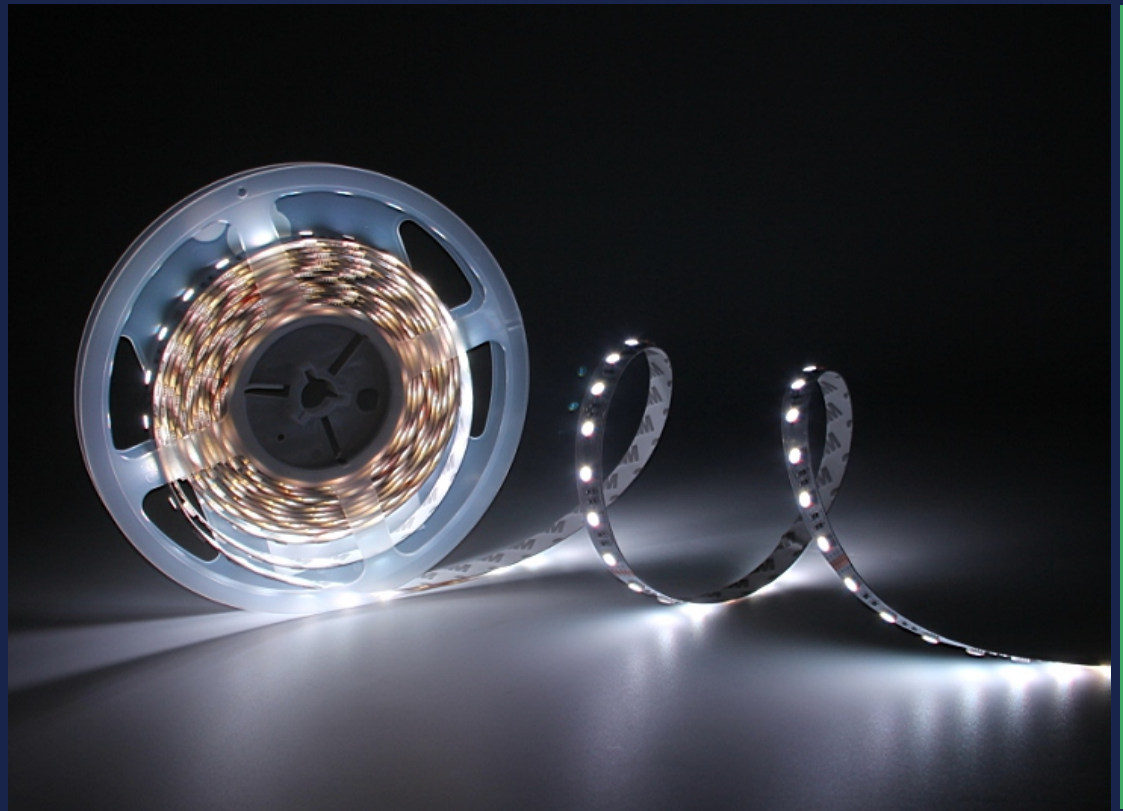
SUR-5050FRGB+NW60-24V

FLEXIBLE STRIP introduction

**Lister:** Lxlan   **Assessor:**   **Approver:**

Features:

Available in 24V 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！

All available controller or dimmers.

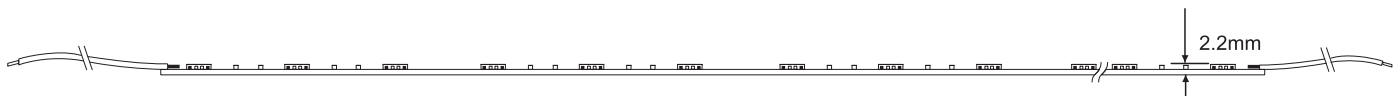Non-Water-proof, IP20.

Applications:

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

Assembly drawing

Top View

100mm

PCB 12MM

3M Double-sided gum

Section

2.2mm
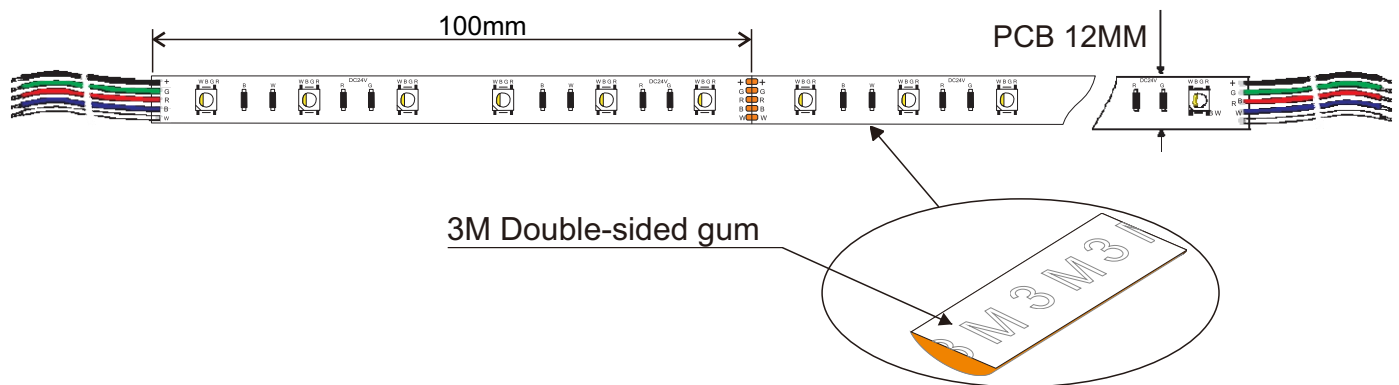
Dropper series: 5050 60LED/meter

Part number	Color		LED QTY/meter	Lumen/meter	Voltage	Power/meter	packing means
SUR-5050FRGB+NW60-24V	Red		60	127	DC24V	19.2 watt	5 meter/reel
	Green			272			
	Blue			73			
	Natural White			450			
SUR-5050FRGB+WW60-24V	Warm White		60	420	DC24V	19.2 watt	5 meter/reel
SUR-5050FRGB+CW60-24V	Cool White		60	480	DC24V	19.2 watt	5 meter/reel

Radiation diagram

105° 90° 75°
120°   60°
135°   45°
150°   30°
165°   15°
180°   0°
100   50   0   50   100
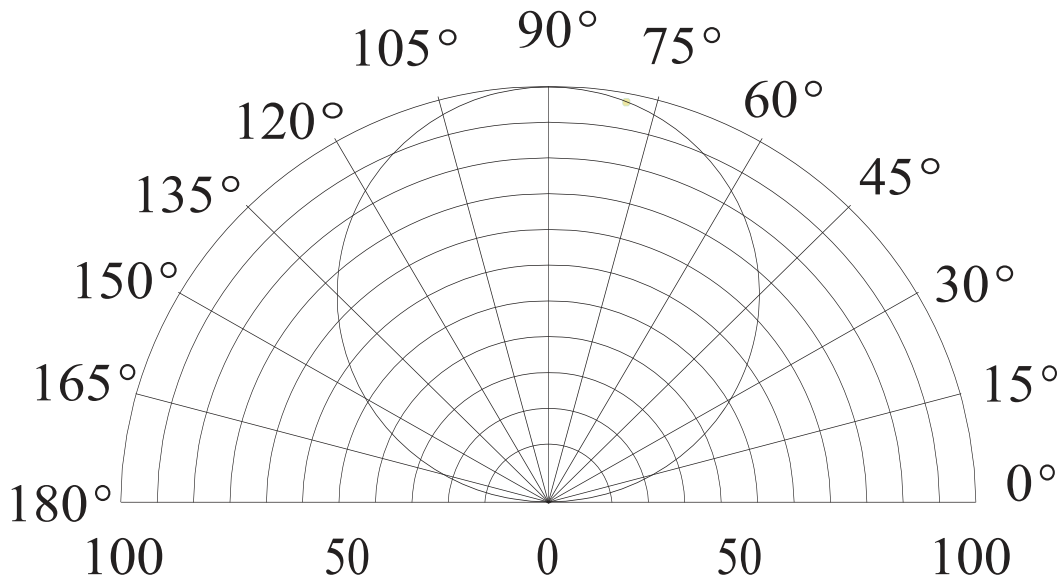
Relative luminous intensity lv %

LED Light distribution

CE   RoHS   2 yrs warranty

How to connect flexible strip

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

AC 100~240V IN

power supply

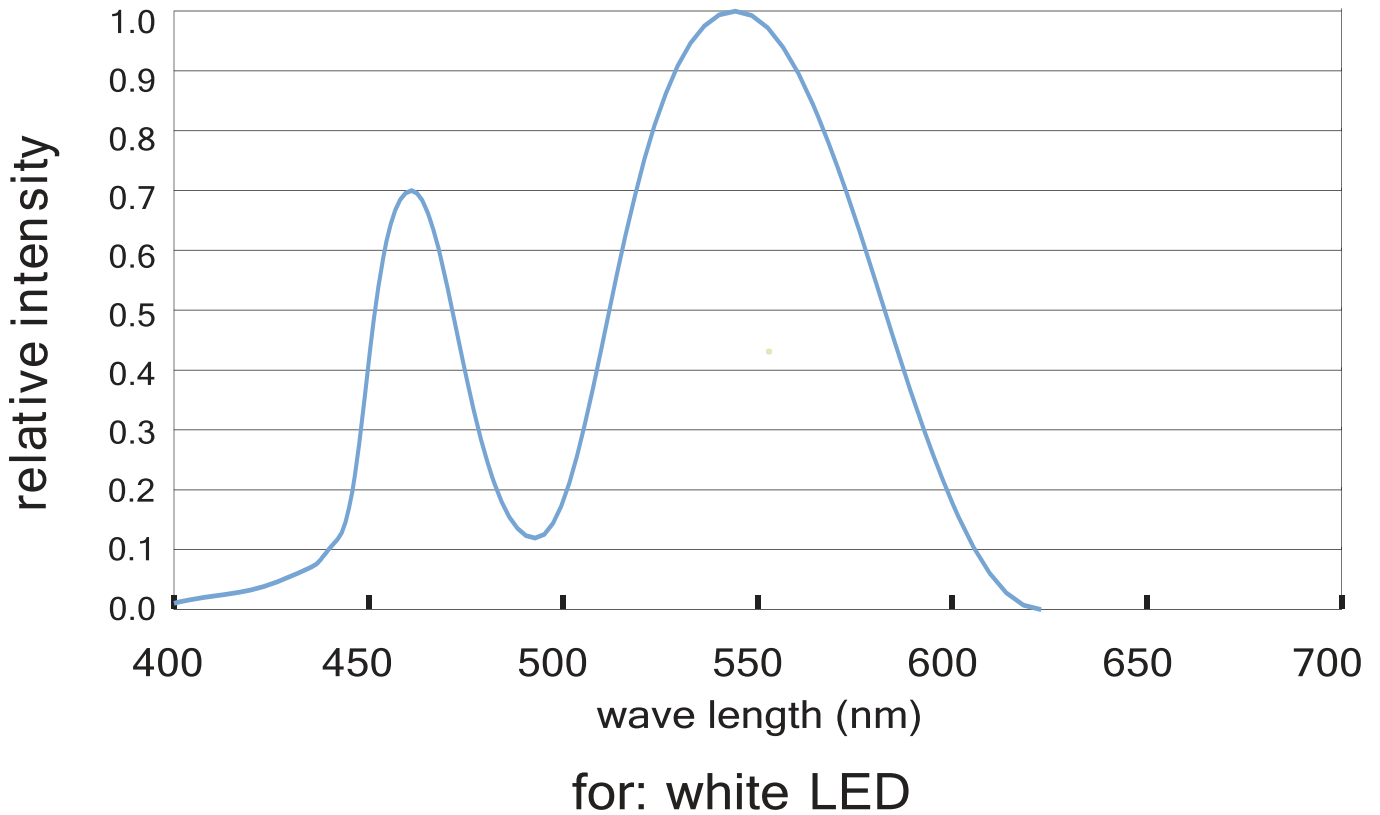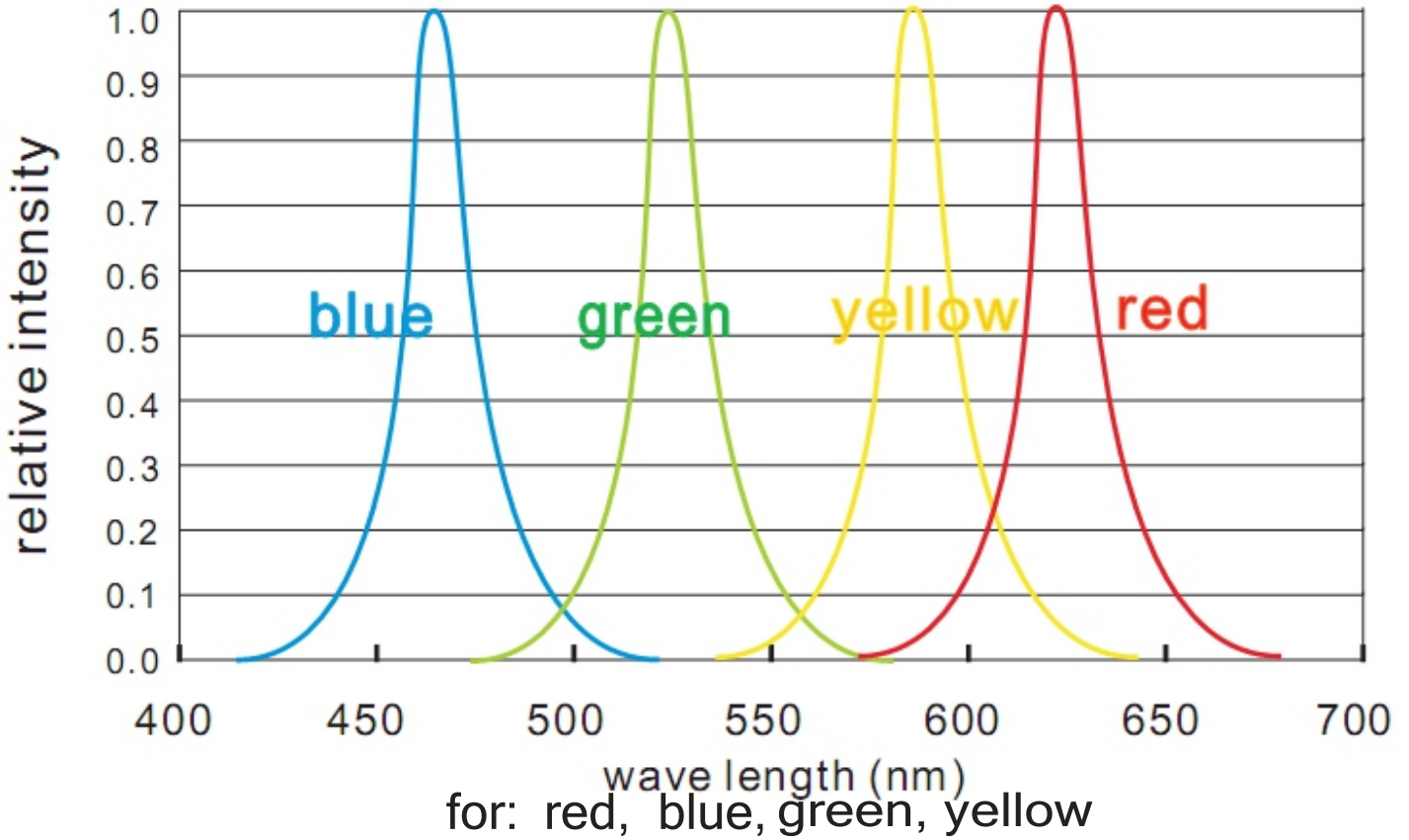DC 24V OUT
+   —

CONTROLLER

+
R
G
B
w
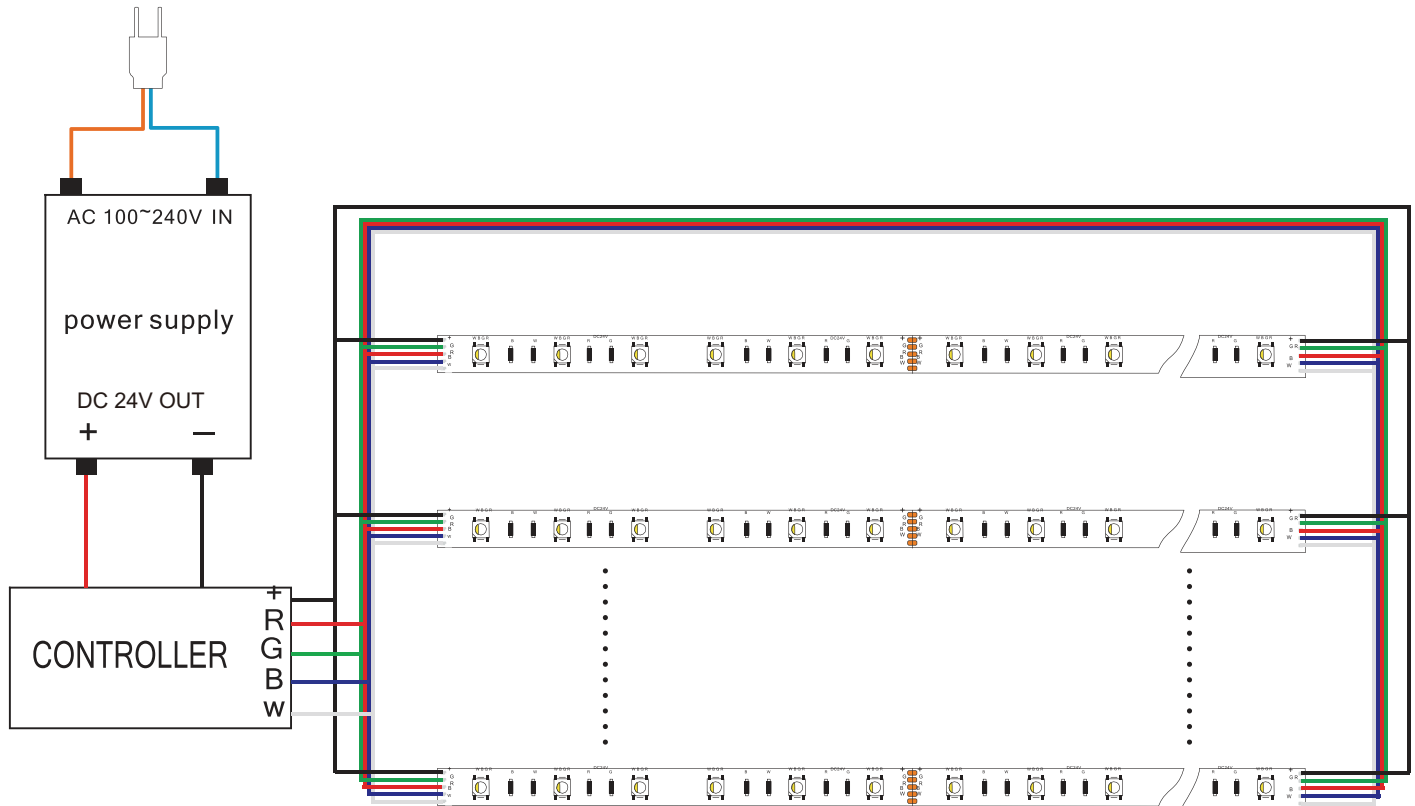
Note:

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 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

03

for: red, blue, green, yellow

for: white LED

Surmountor Lighting CO Limited   04
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Address: 2nd Floor, Building D, NO.5, Fu Rui Road, Qiao Tou, Fuyong town, 518103 ,Bao An district, Shenzhen, GuangDong Province, China

Package:

1 reel/bag

25 bags/Iner Box

Inner box
size:25x26x31cm

50 Bags/Outer Box

Outer box
size:34x52x27cm

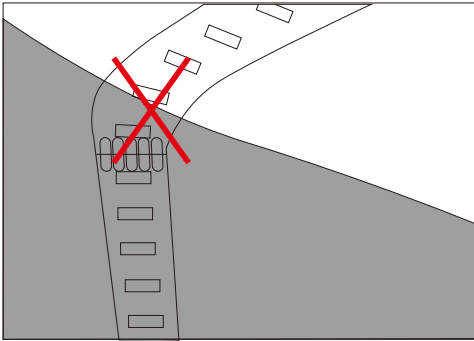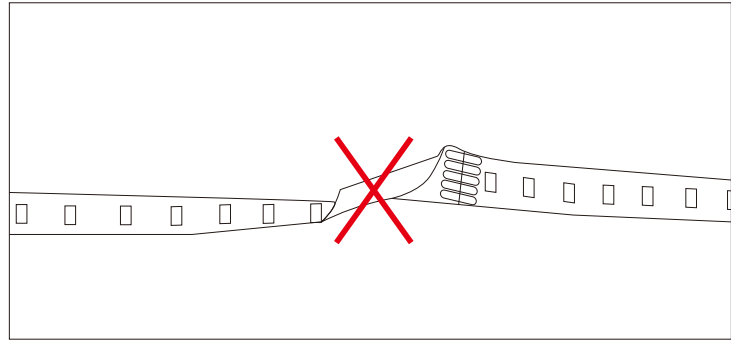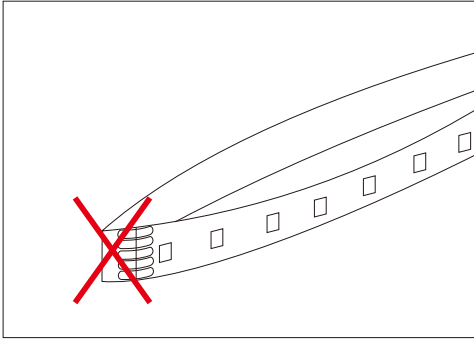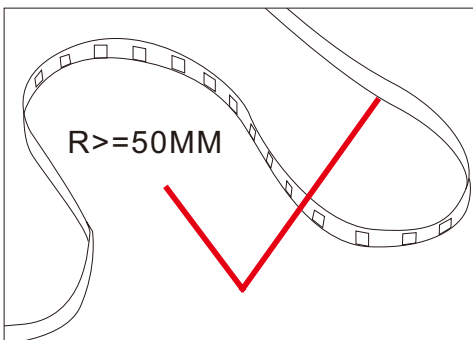Package: 5 meter strip in one reel, one reel in one anti-static bag, 25 bags put into one inner

box, 2 inner box put into one carton.

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05

⚠️ **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)