SurMountor

SUR-5050FRGB+IC30-5V

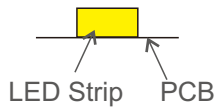## FLEXIBLE STRIP introduction

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

Features:

Each LED has a address IC and is programmable.

High brightness & low power consumption.

SPI LED strip with controller.

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

Adhesive back, peel & stick！

Operating temperature: -20~50°C.

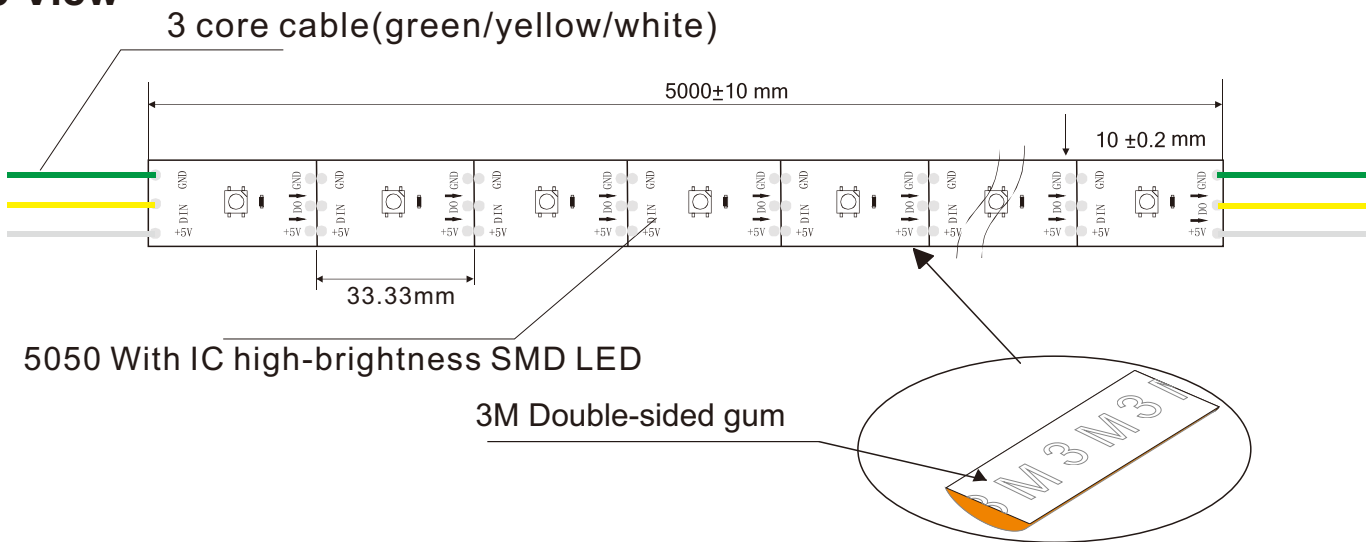Non-waterproof, IP20.

LED Strip   PCB

Applications:

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

Assembly drawing

Top View

3 core cable(green/yellow/white)

5000±10 mm

10 ±0.2 mm

33.33mm

5050 With IC high-brightness SMD LED

3M Double-sided gum

Section

2.2 mm

Surmountor Lighting CO Limited

Tel.: +86-755-27926119   Email:sales@surmoutor.com

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

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Parameter:

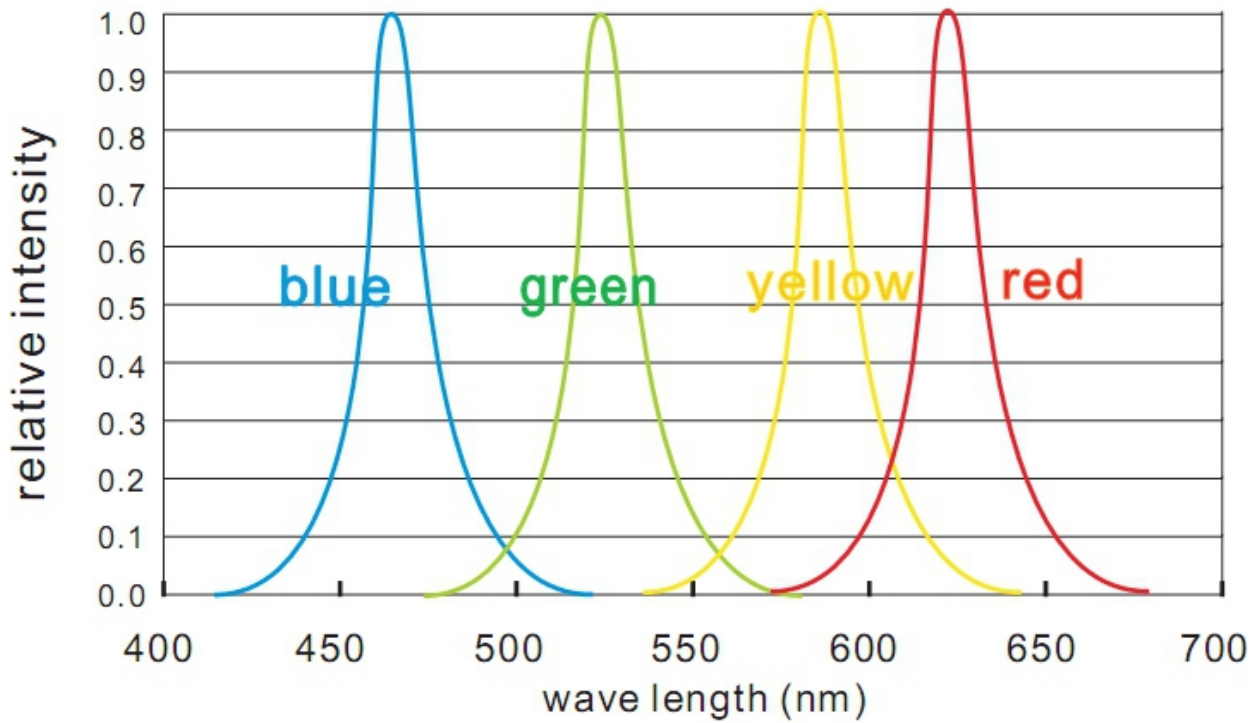| Part Number	Size	Color		Cut every (LEDS)	Inlay IC (5050)	Lumen/M	Voltage	Power/m	Packing/m
SUR-5050FRGB+IC30-5V	L5000*W10*H3	R	■	1	SK6812	40.5	5V	6W	5Meters/reel
		G	■			94.5			
		B	■			20.25			

Radiation diagram
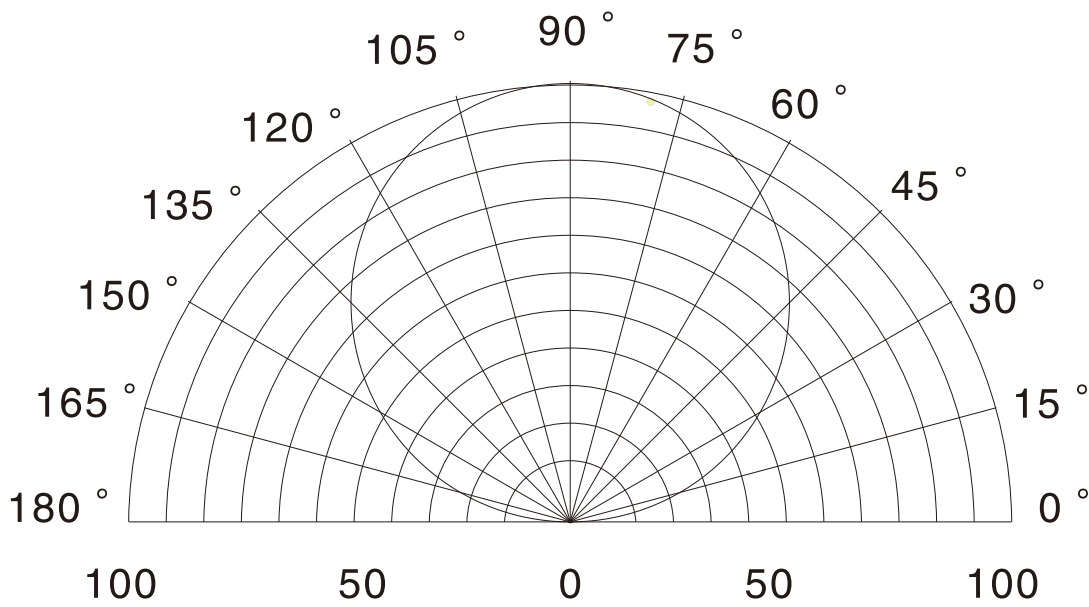
Relative luminous intensity Iv %

LED Light distribution

for: red, blue, green, yellow

for: white LED

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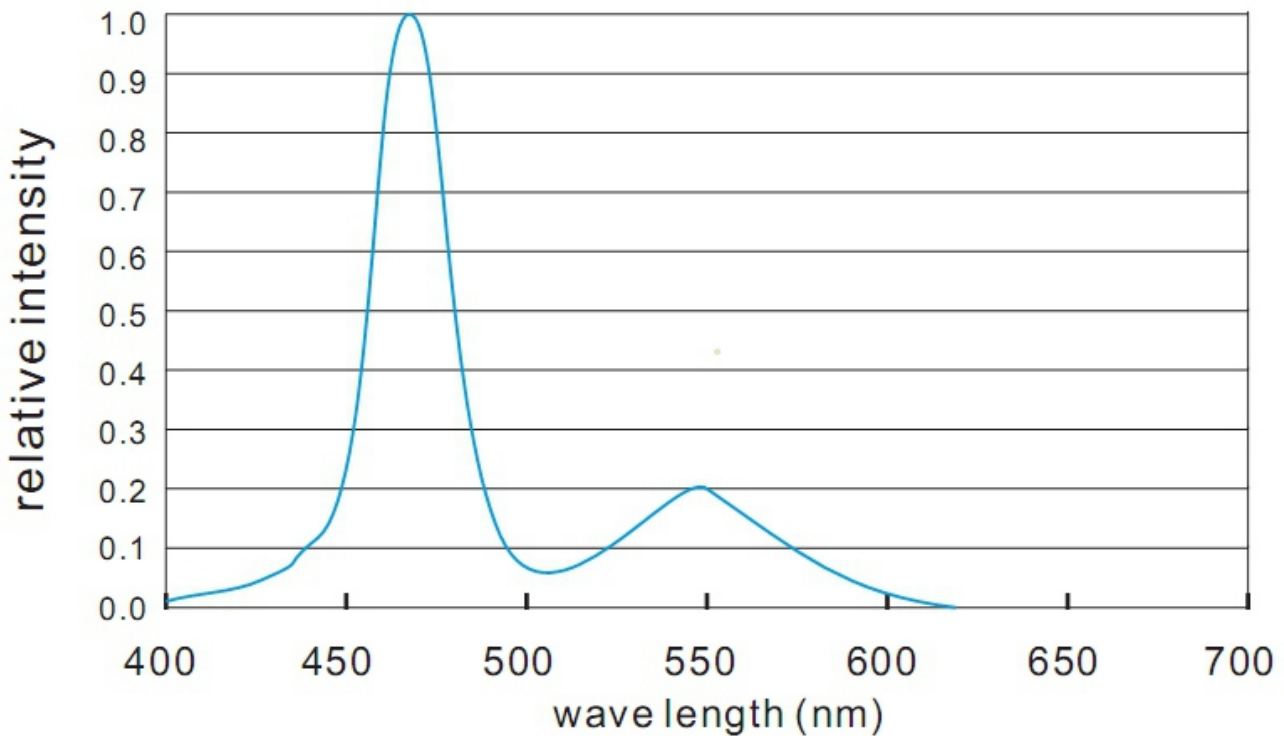
How to connect flexible strip

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

AC 100~240V IN   DC5V OUT+

POWER SUPPLY

LED strip

OUT8 OUT7 OUT6 OUT5 OUT4 OUT3 OUT2 OUT1

T-8000A-TTL

保存SET 模式MODE 速度SPEED+ 速度SPEED-

电源灯 (Power)   状态灯 (Status)   级联灯 (Sync)

DC5V   SD 卡 (SD CARD)

IN A
IN B
NC

OUT A
OUT B
NC

LED CONTROLLER

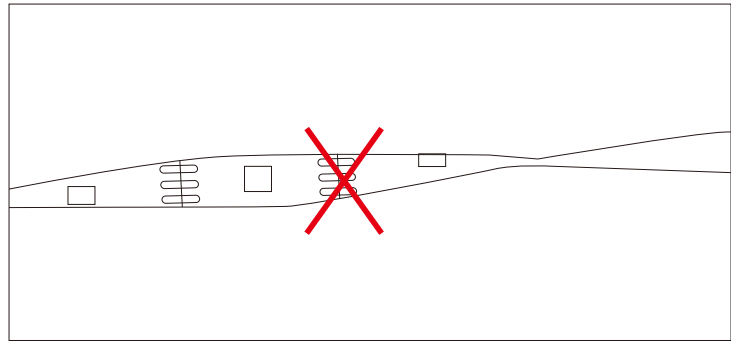AC 100-240V
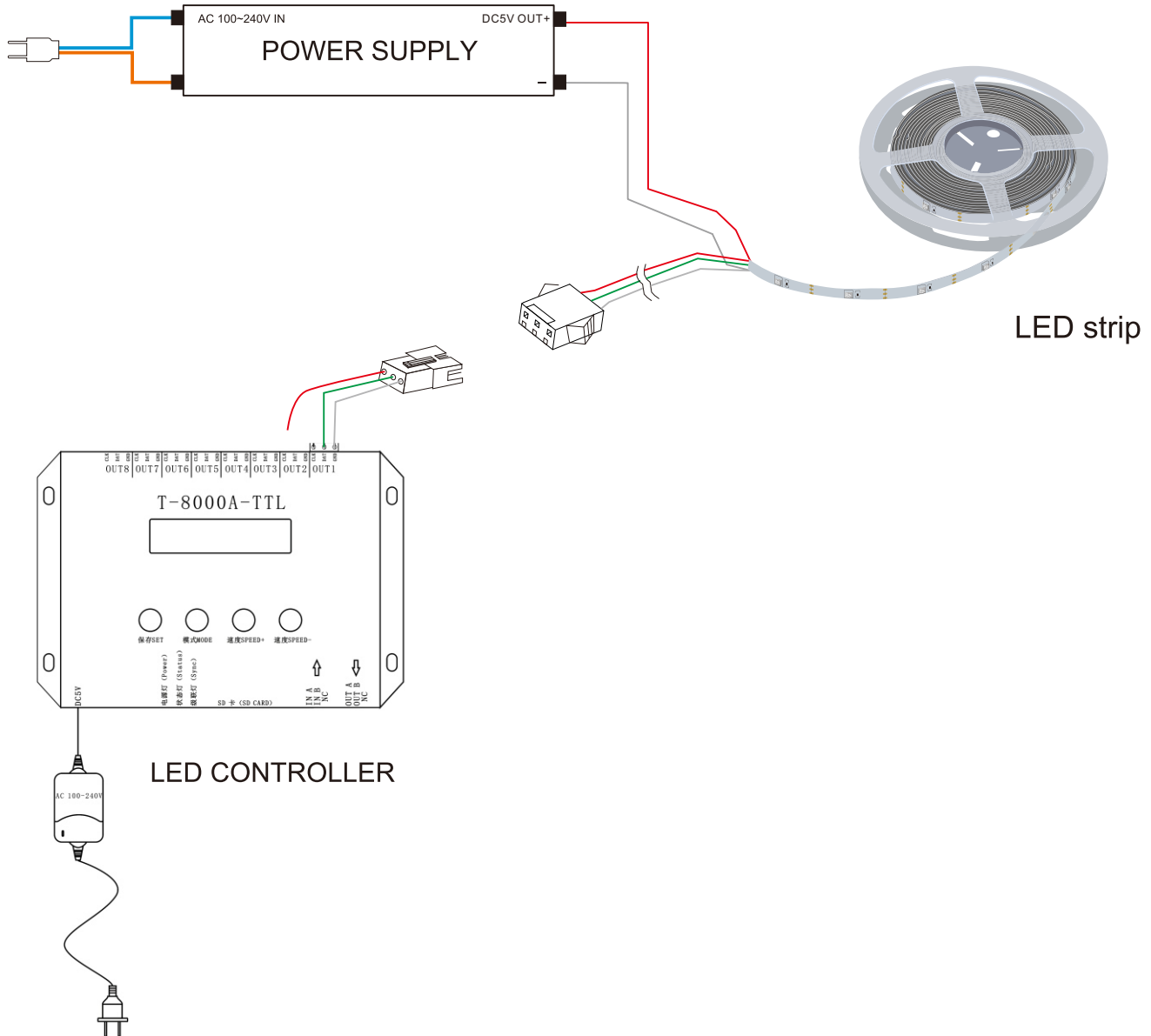
Package:

1 reel/bag

25 bags/Iner Box

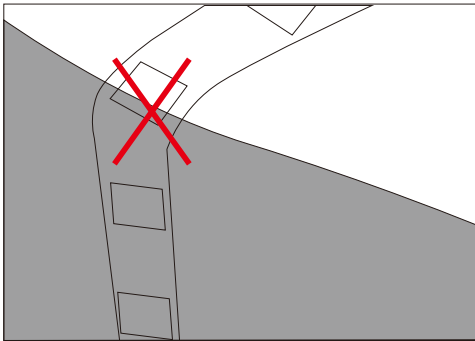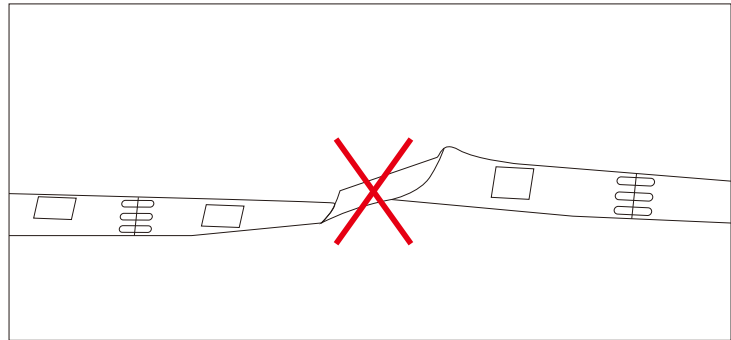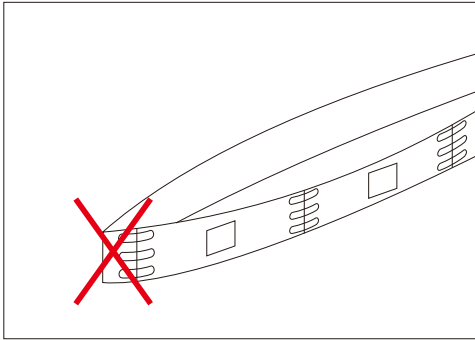Inner box size:25x26x31cm

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 carton.

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⚠️ **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)