SurMountor

Product specification

SUR-5050FRGB+IC30-5V

FLEXIBLE STRIP introduction

Lister: Lxlan Assessor: Approver:

Features:

The control signal will automatically transfer to the next led with SK6813 IC if one intermediate led is broken.

All the good LEDs with SK6813 IC will work as normal except the one broken

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.

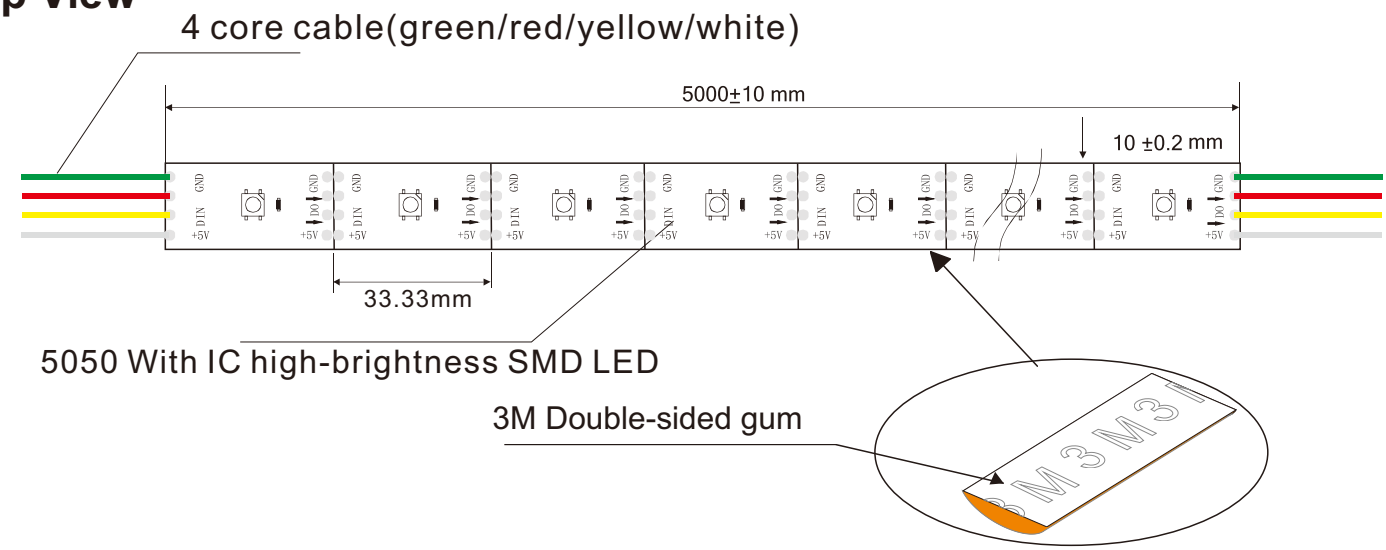
Non-waterproof, IP20.

Applications:

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

Assembly drawing

Top View

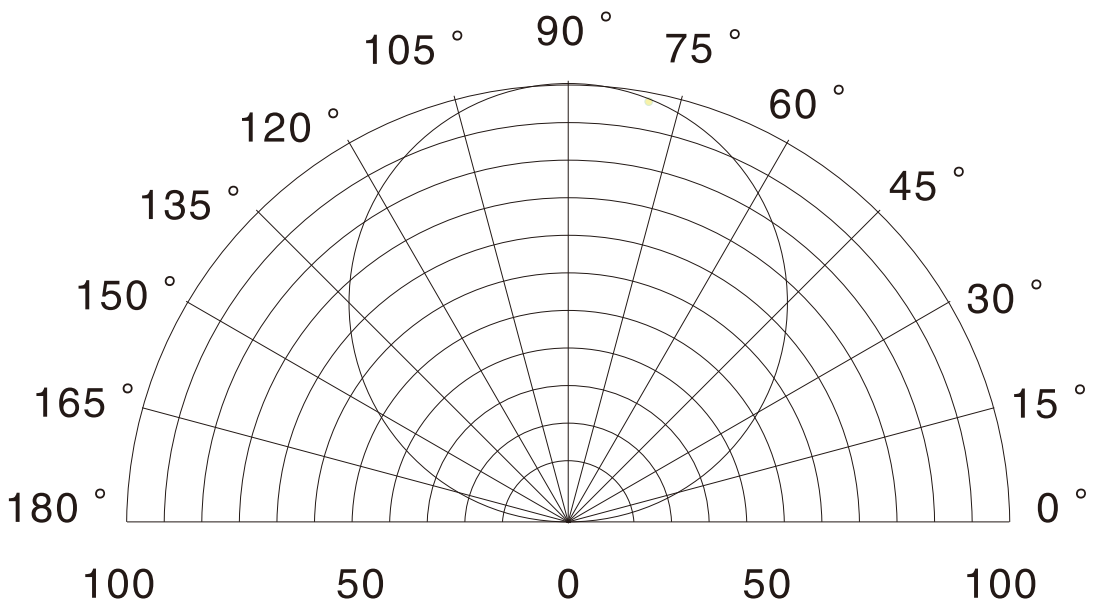


Section

Parameter:

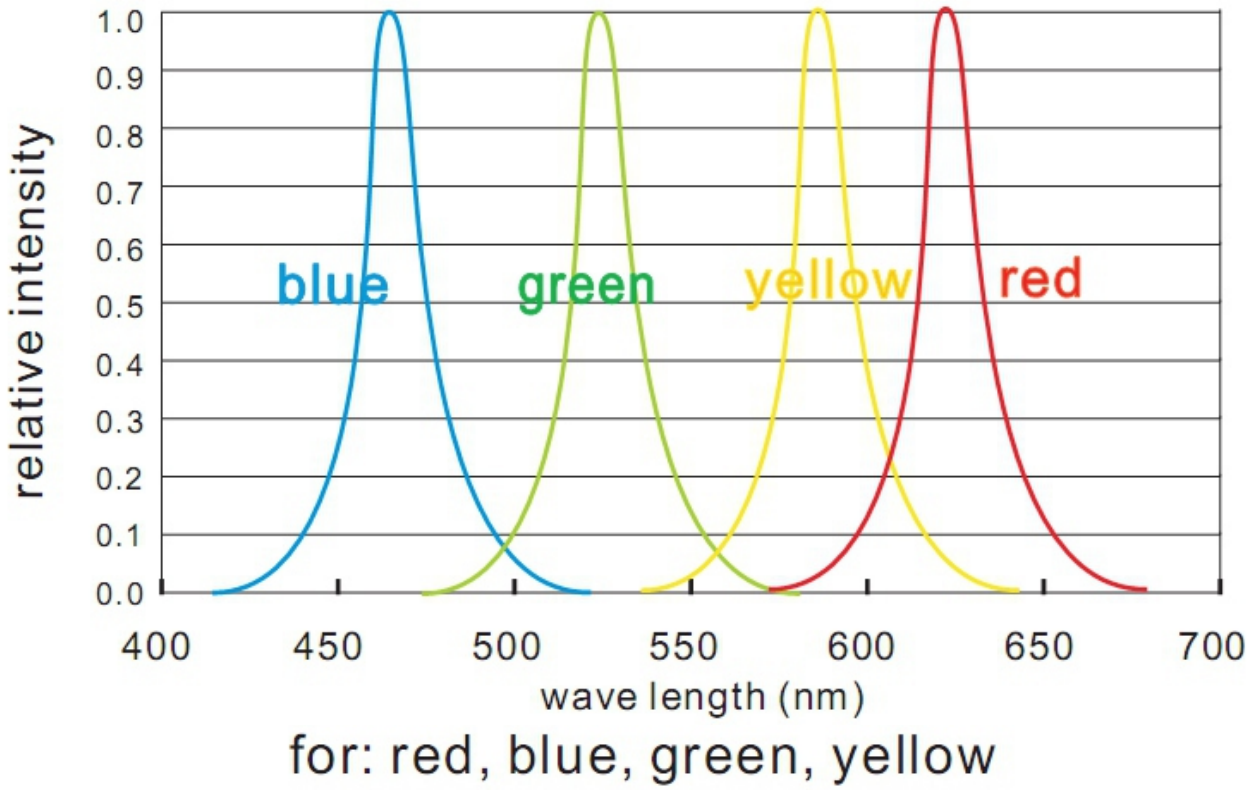
SK6813, SPI LED strip, 30LED/Meter								
Part Number	Size	Color	Cut every (LEDS)	Inlay IC (5050)	Lumen/M	Voltage	Power/m	Packing/m
SUR-5050FRGB+IC30-5V	L5000*W10*H3	R	1	SK6813	40.5	5V	6W	5Meters/reel
		G			94.5			
		B			20.25			

Radiation diagram

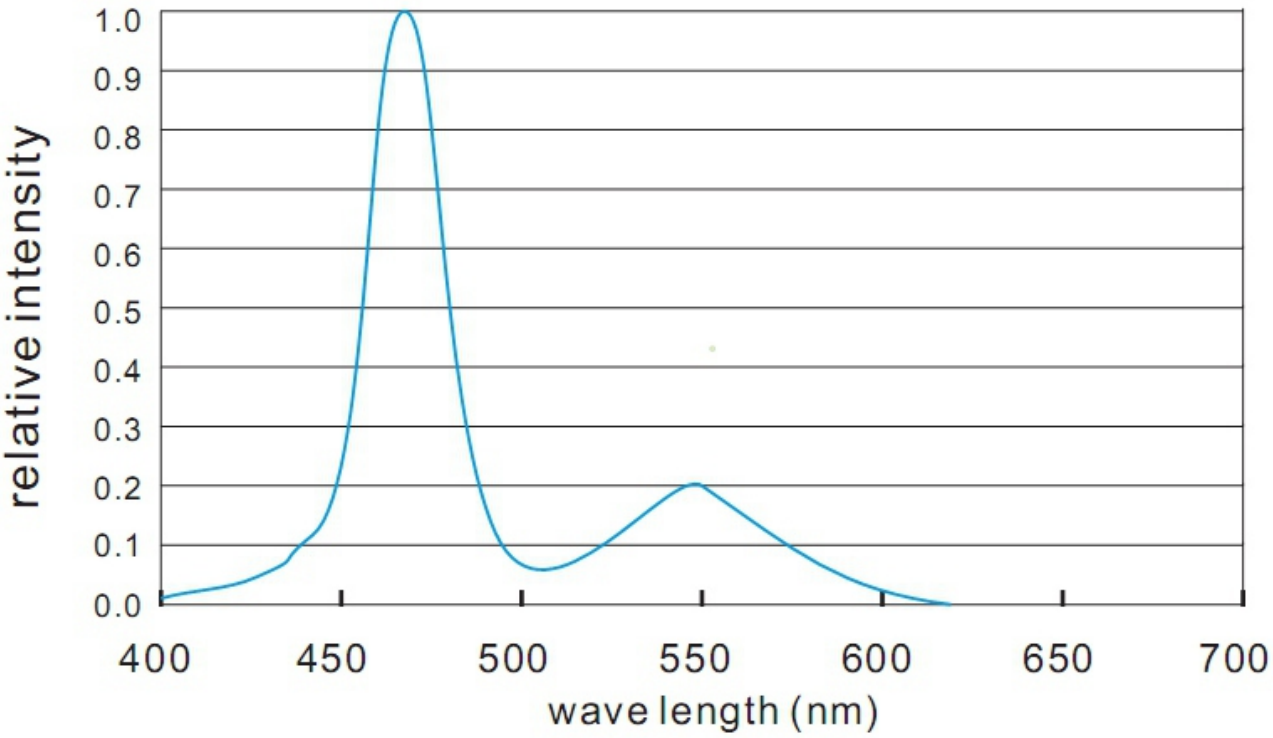


Relative luminous intensity Iv %

LED Light distribution



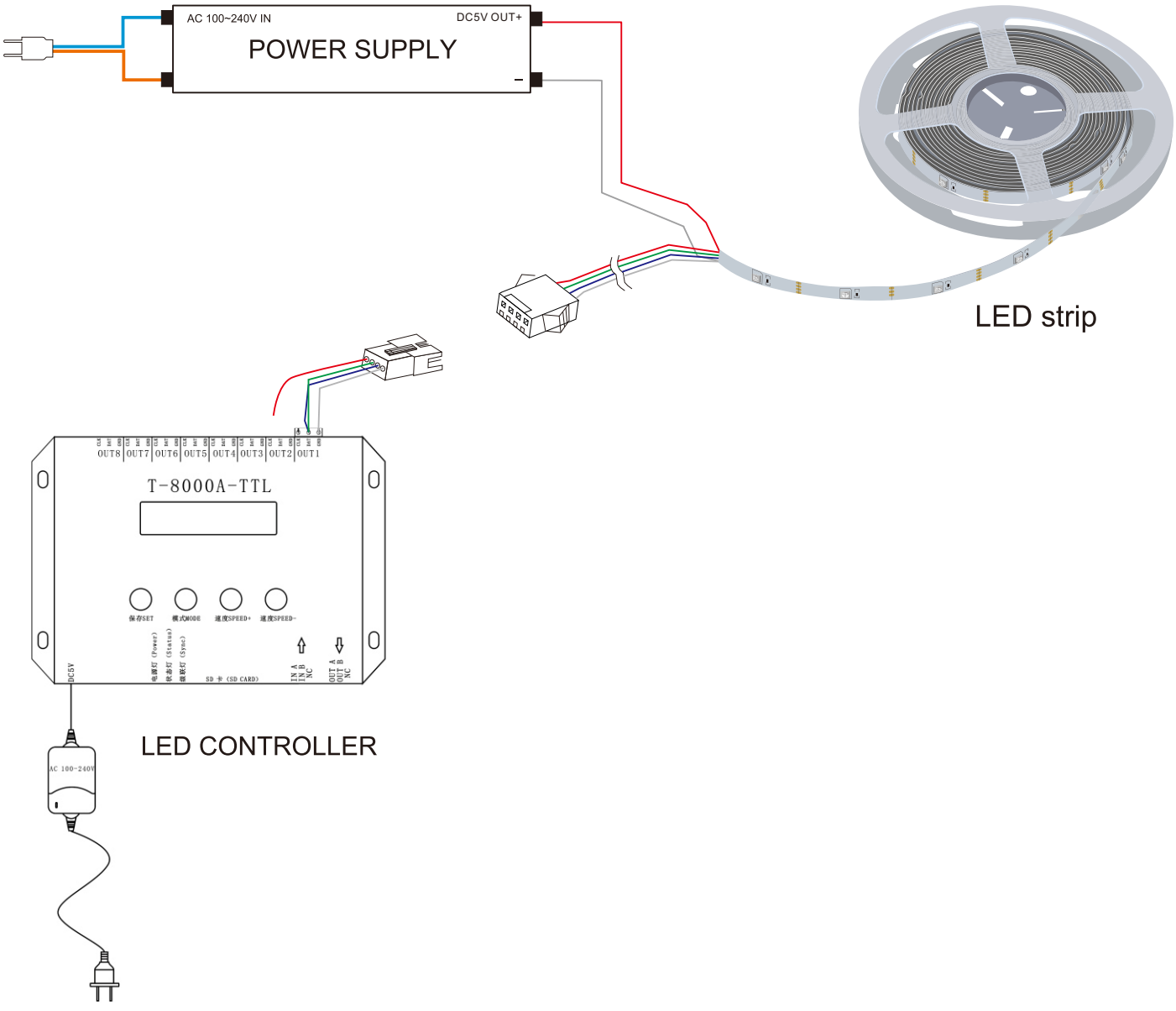
for: red, blue, green, yellow



for: white LED

How to connect flexible strip

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



Package:

1 reel/bag

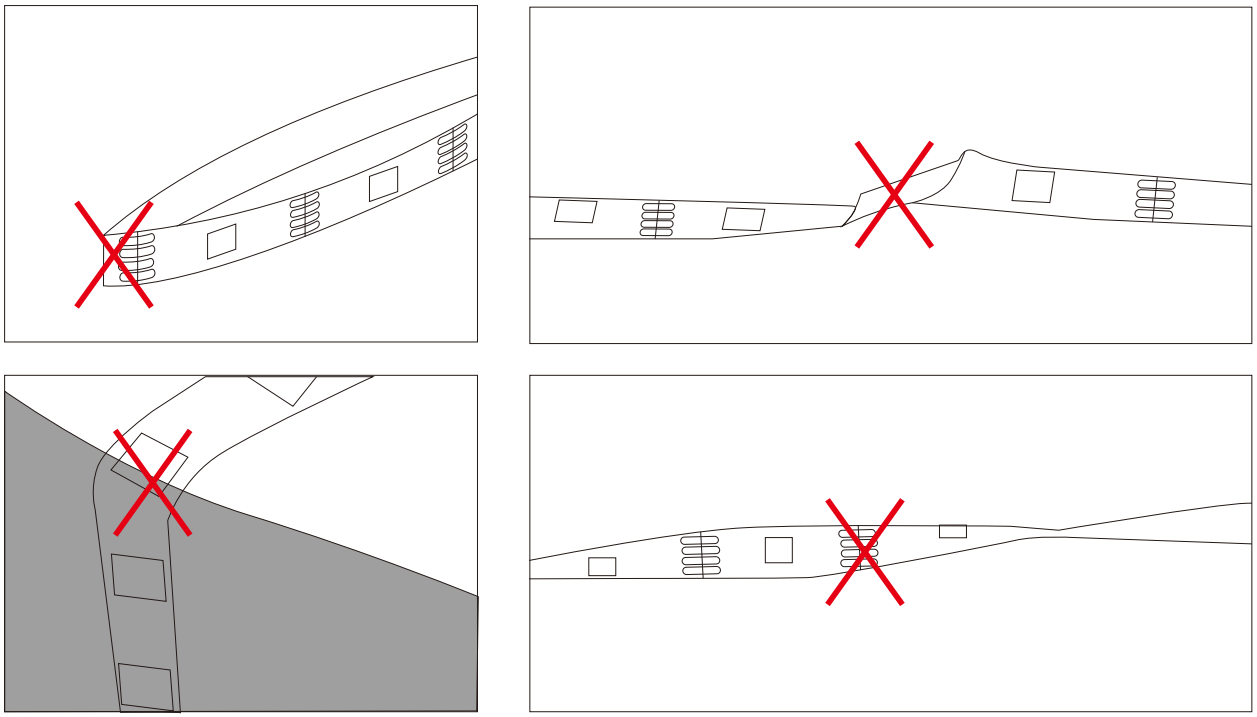
25 bags/Iner Box

50 Bags/Outer Box

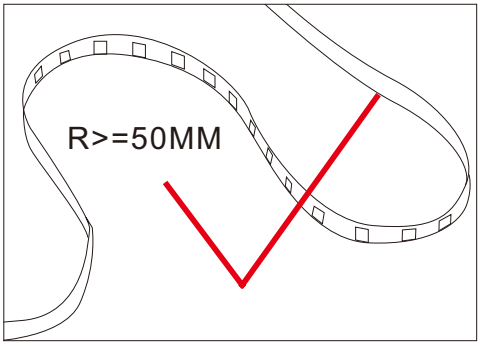
Package: 5 meter strip in one reel, one reel in one anti-static bag, 25 bags put into one carton.

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)



Bend (Right)