



SurMountor



SUR-5050FRGB+IC144-5V

FLEXIBLE STRIP introduction

Product specification

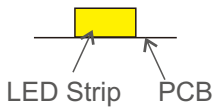
Lister: Lxlan

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.

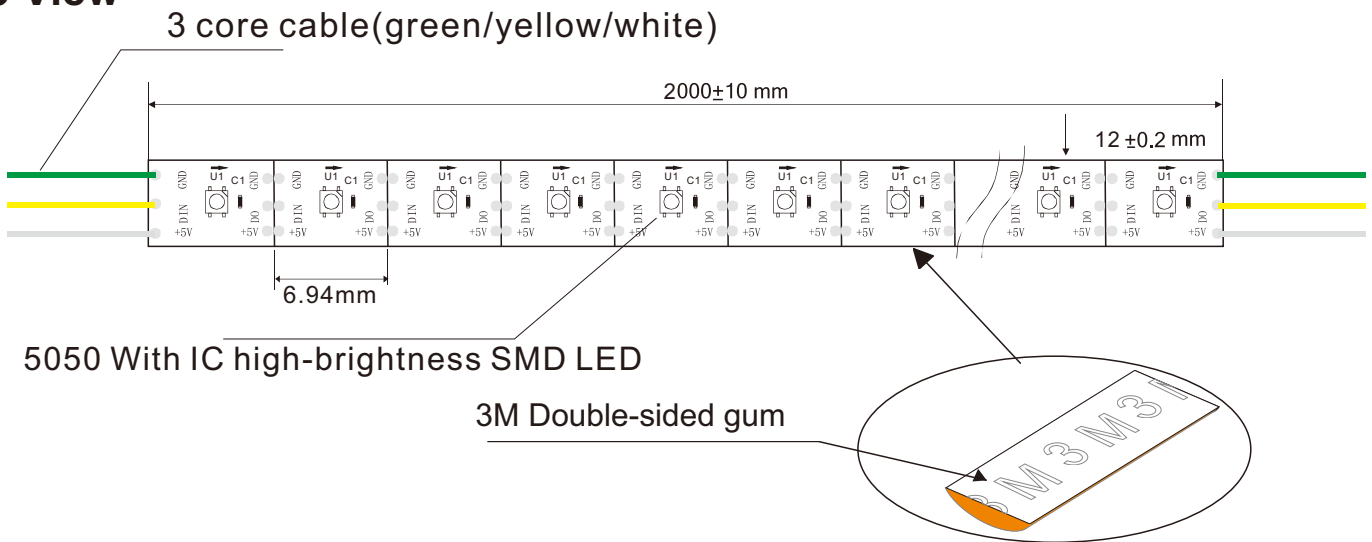


Applications:

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

Assembly drawing




Top View



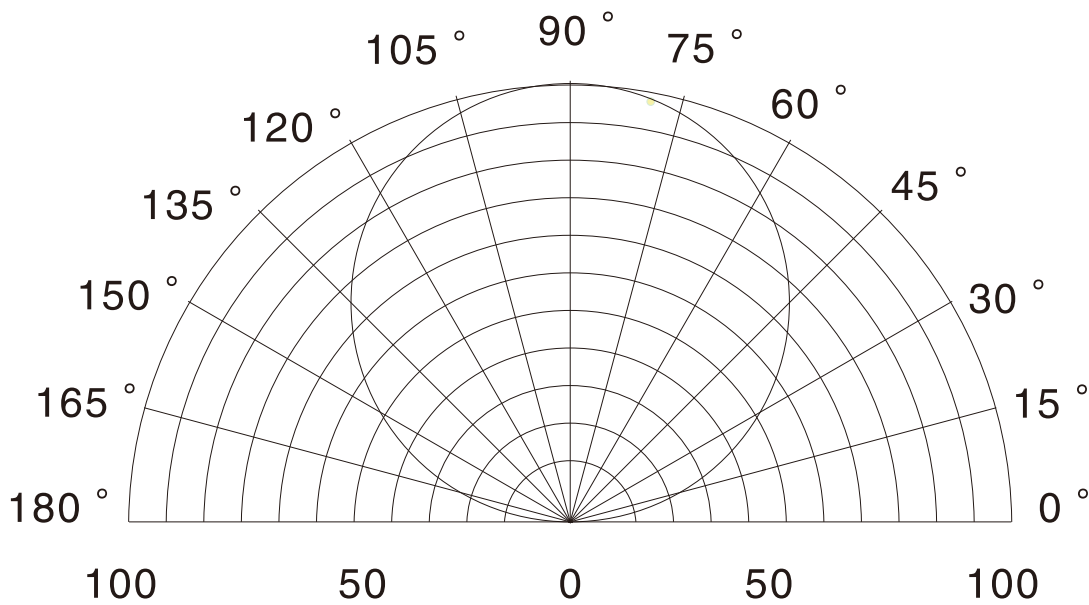
Section



Parameter:

SK6812, SPI LED strip, 144LED/Meter								
Part Number	Size	Color	Cut every (LEDS)	Inlay IC (5050)	Lumen/M	Voltage	Power/m	Packing/m
SUR-5050FRGB+IC144-5V	L5000*W12*H3	R 	1	SK6812	194.4	5V	28.8W	2Meters/reel
		G 			453.6			
		B 			97.2			

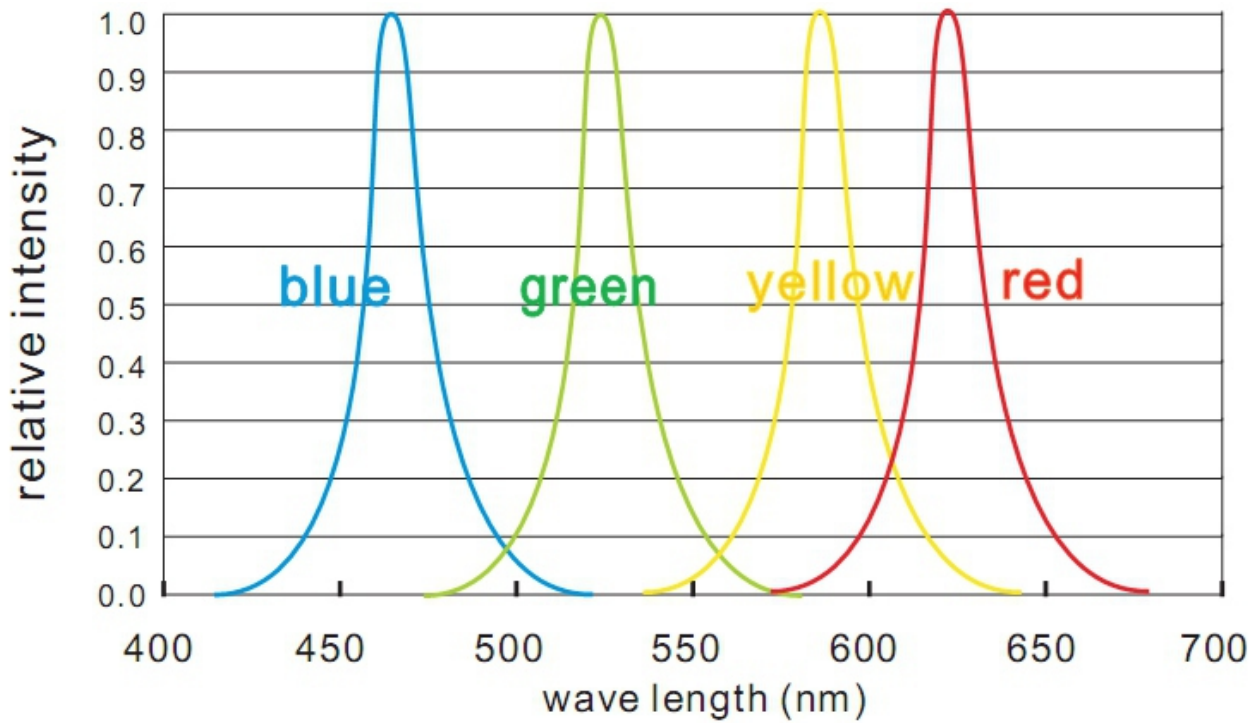
Radiation diagram



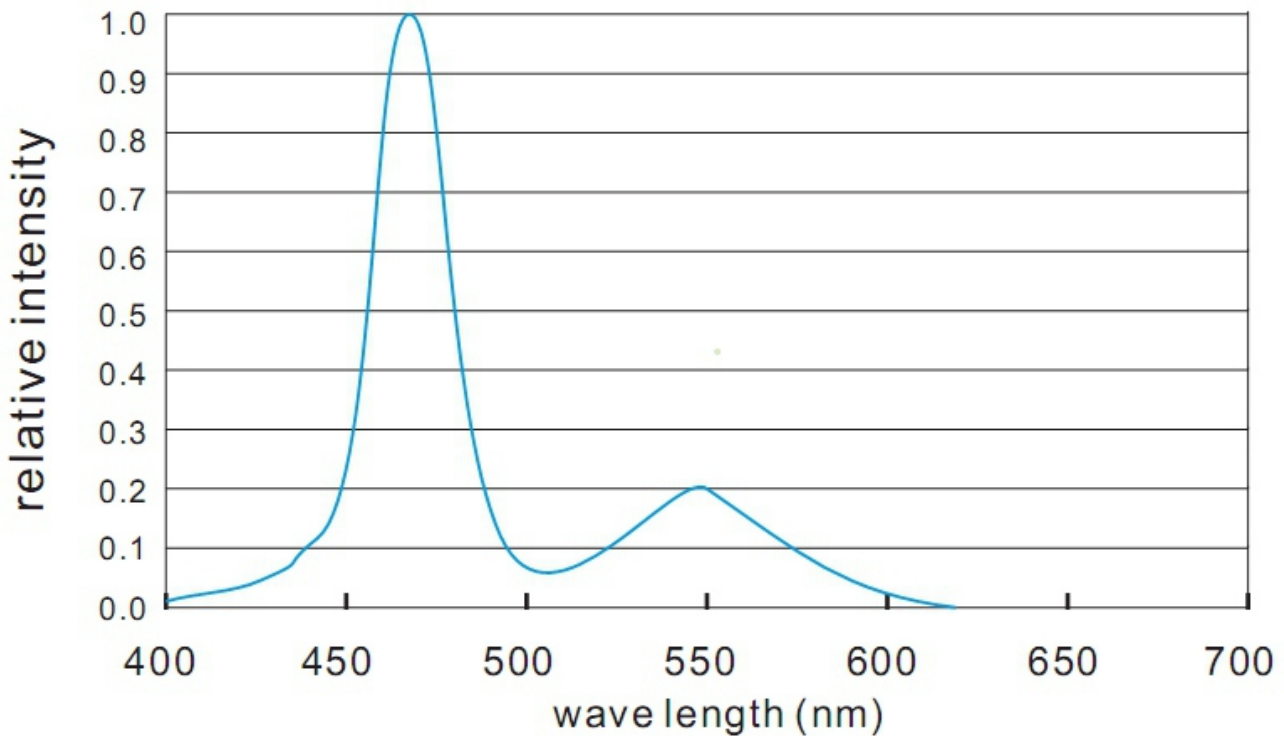
Relative luminous intensity Iv %

LED Light distribution





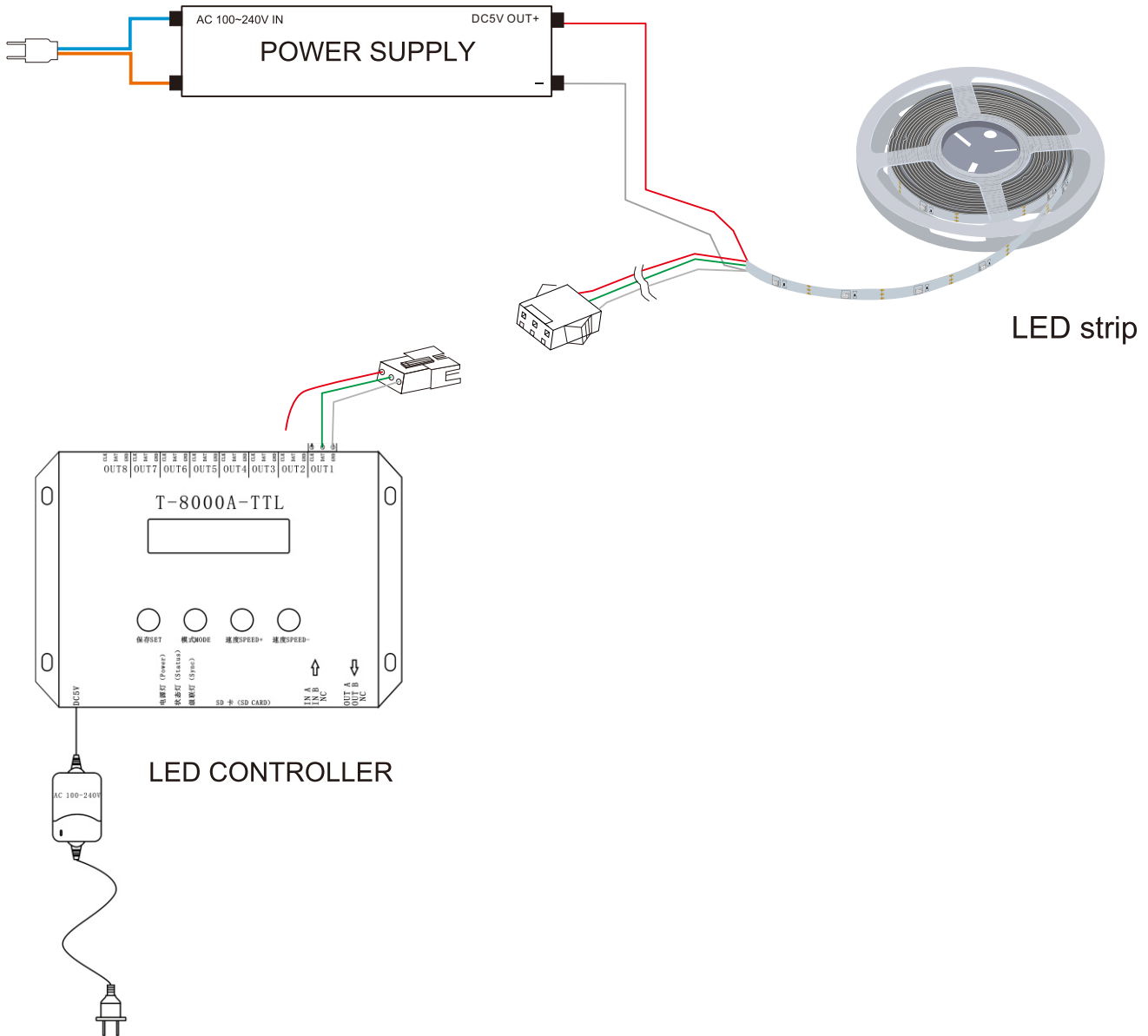
for: red, blue, green, yellow



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/Inner Box

Inner box
size:25x26x31cm



50 Bags/Outer Box

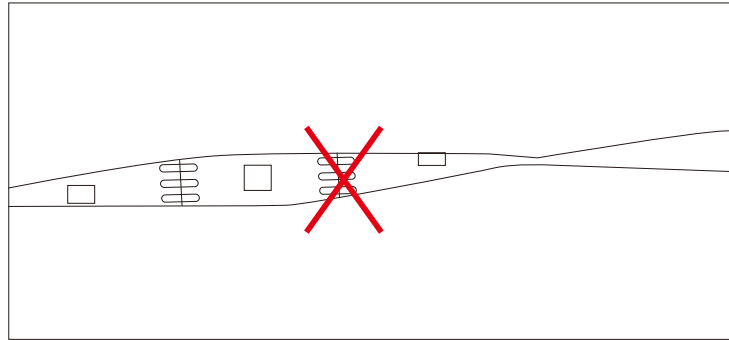
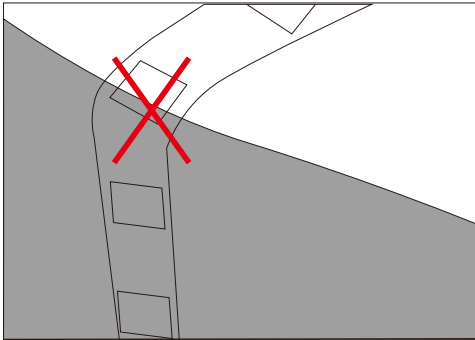
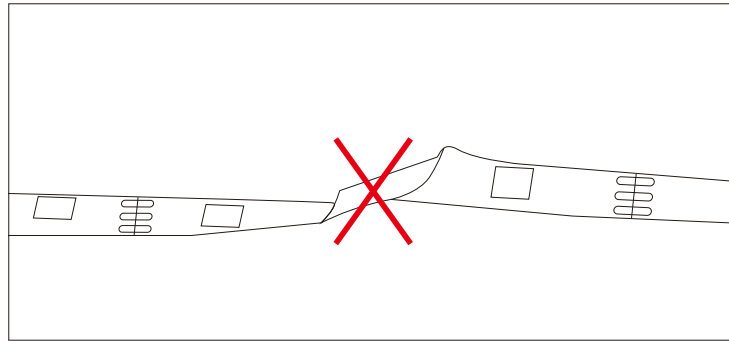
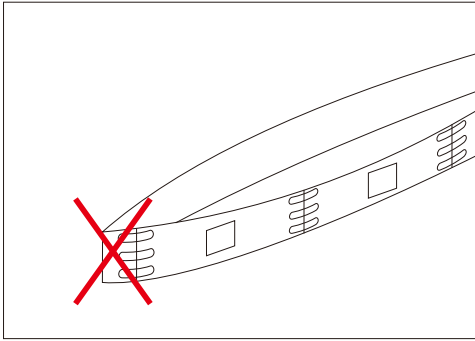
Outer box
size:34x52x27cm



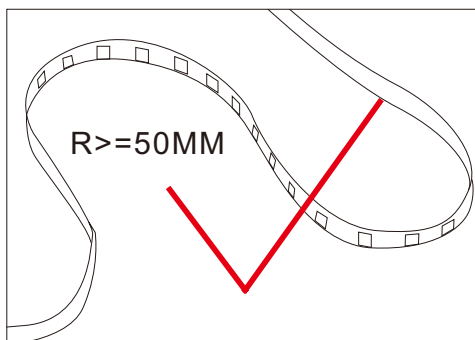
Package: 2 meter strip in one reel, one reel in one anti-static bag, 25 bags put into one carton.

! 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)