SurMountor

FCOB420RGB+IC-24-M10

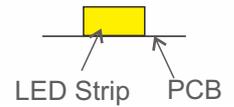FLEXIBLE STRIP INTRODUCTION

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

Features:

- 100mm 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!
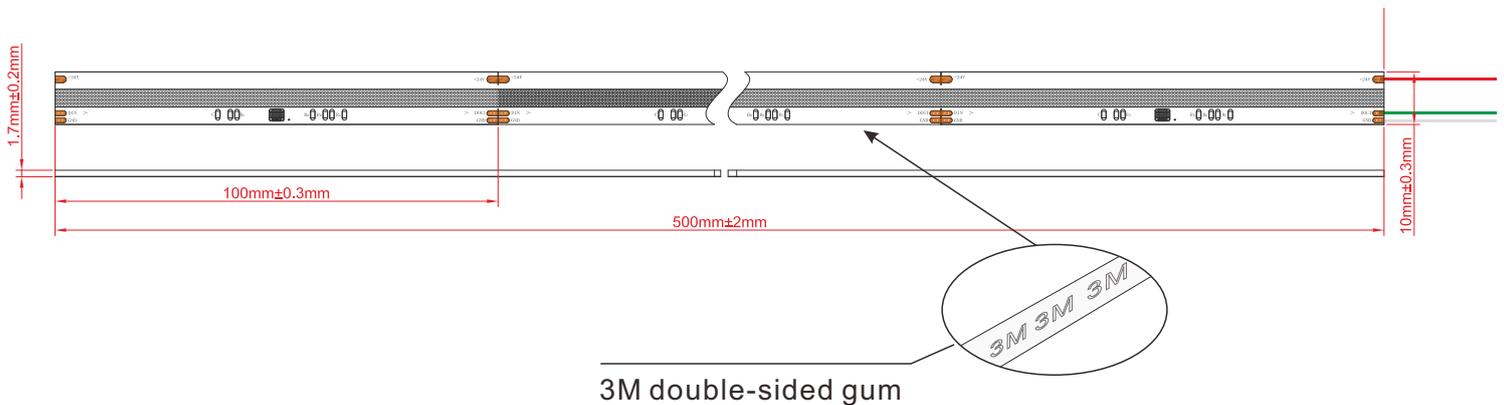- Operating temperature: -20~50°C.
- Non-waterproof, IP20.

LED Strip   PCB

Applications:

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

Assembly drawing:

Top View
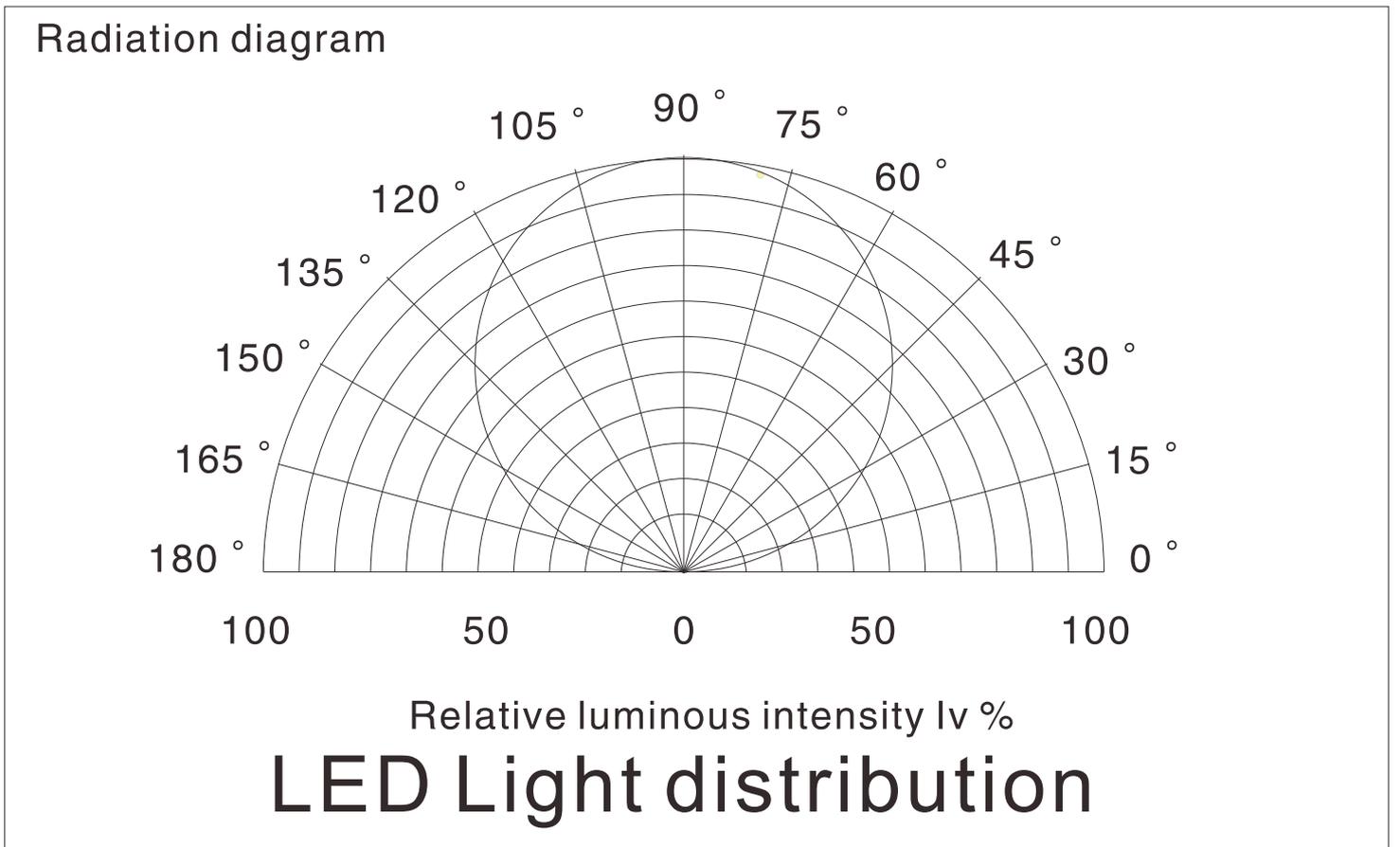
1.7mm±0.2mm

100mm±0.3mm

500mm±2mm

10mm±0.3mm

3M 3M 3M

3M double-sided gum

Section

2mm

ShenZhen Surmountor Lighting Co., LTD

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Parameter:

FCOB420RGB+IC-24-M10							
Part number	Color	LED QTY/m	PCB	Lumen/m	Voltage	Power/meter	Packing means
FCOB420RGB+IC-24-M10	Red 🟥	420	10mm	130	DC24V	13.5W	5 meters/reel
	Green 🟩			310			
	Blue 🟦			45			

Radiation diagram

Relative luminous intensity Iv %

LED Light distribution

For: red, blue, green, yellow

blue　　　green　　　yellow　　red

relative inten sity

wave length (nm)

For: white LED

relative inten sity

wave length (nm)

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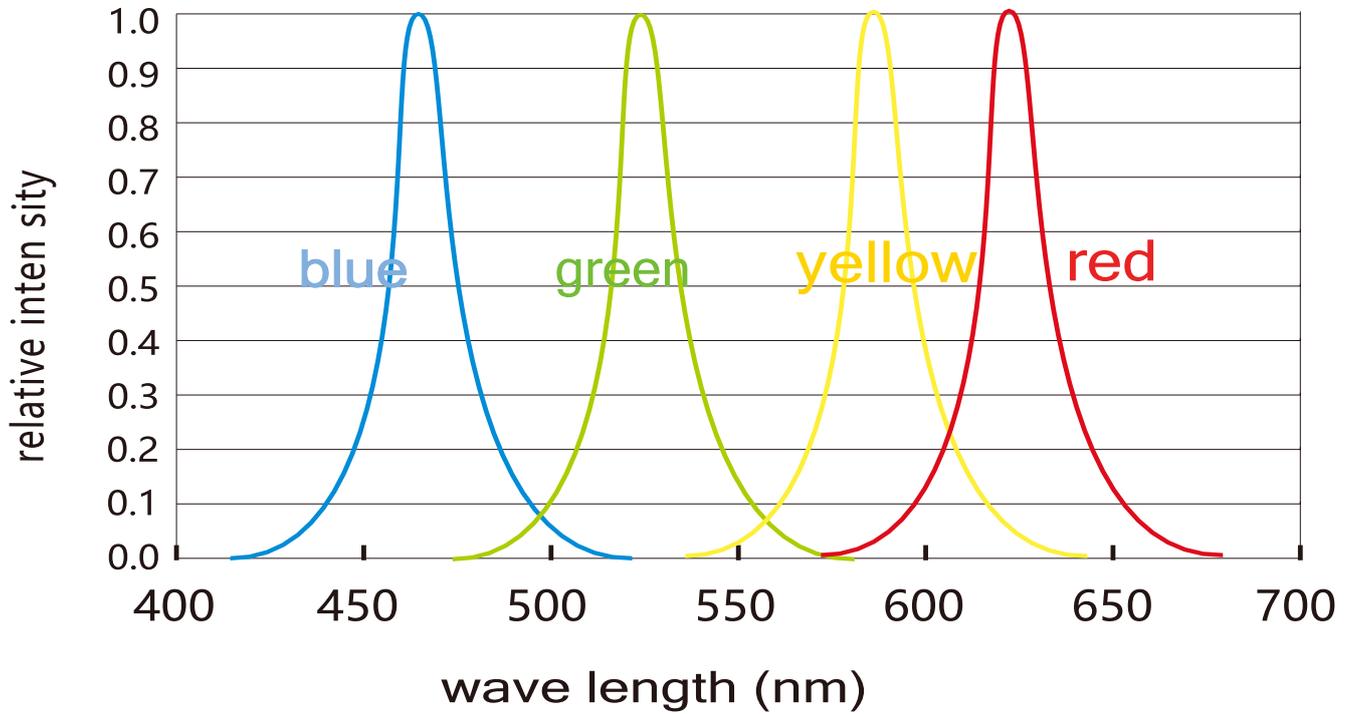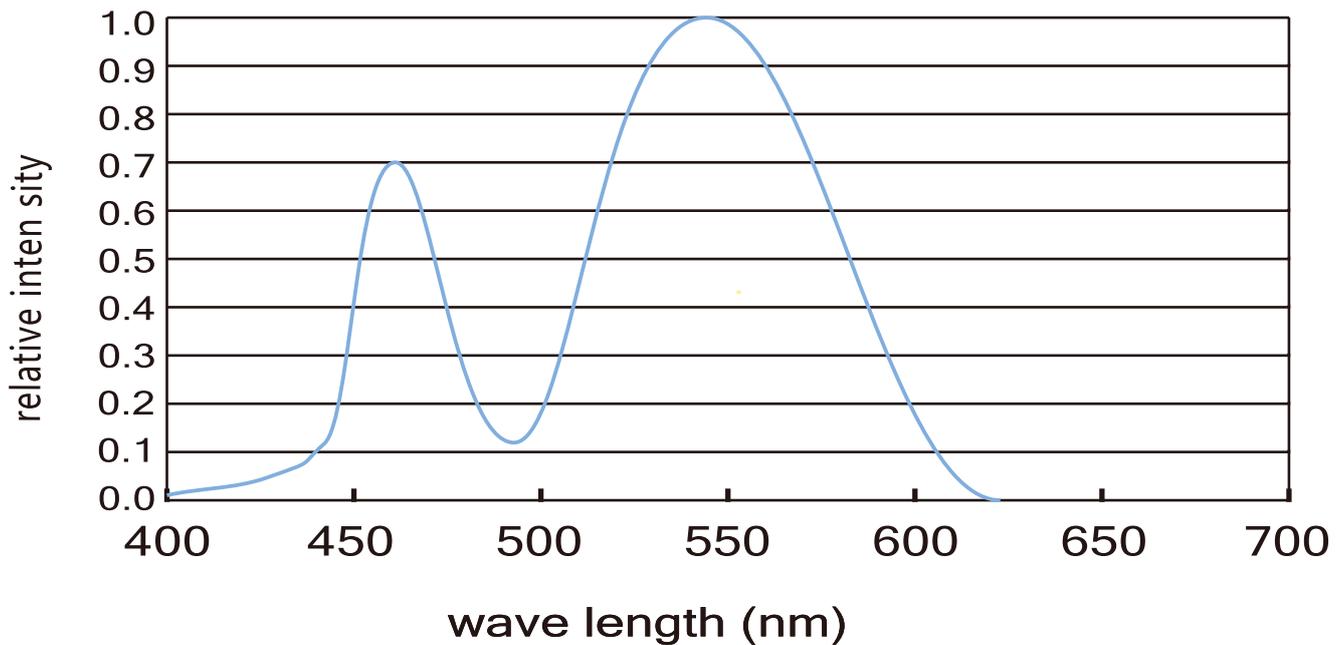
How to connect flexible strip:

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

AC 100~240V IN DC24V OUT+

POWER SUPPLY

LED strip

T-8000A-TTL

OUT8 OUT7 OUT6 OUT5 OUT4 OUT3 OUT2 OUT1

保存SET   模式MODE   速度SPEED+   速度SPED-

电源灯 (Power) 状态灯 (Status) 信号灯 (Sync)

DC12V

Sd卡 (SD CARD)

IN A IN B NC IN A 信号 NC

LED CONTROLLER

AC100-240V
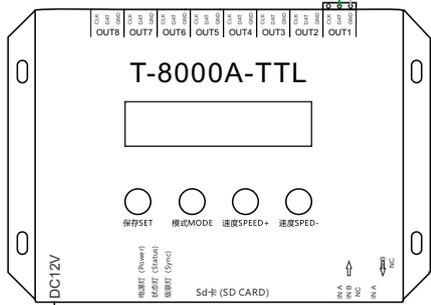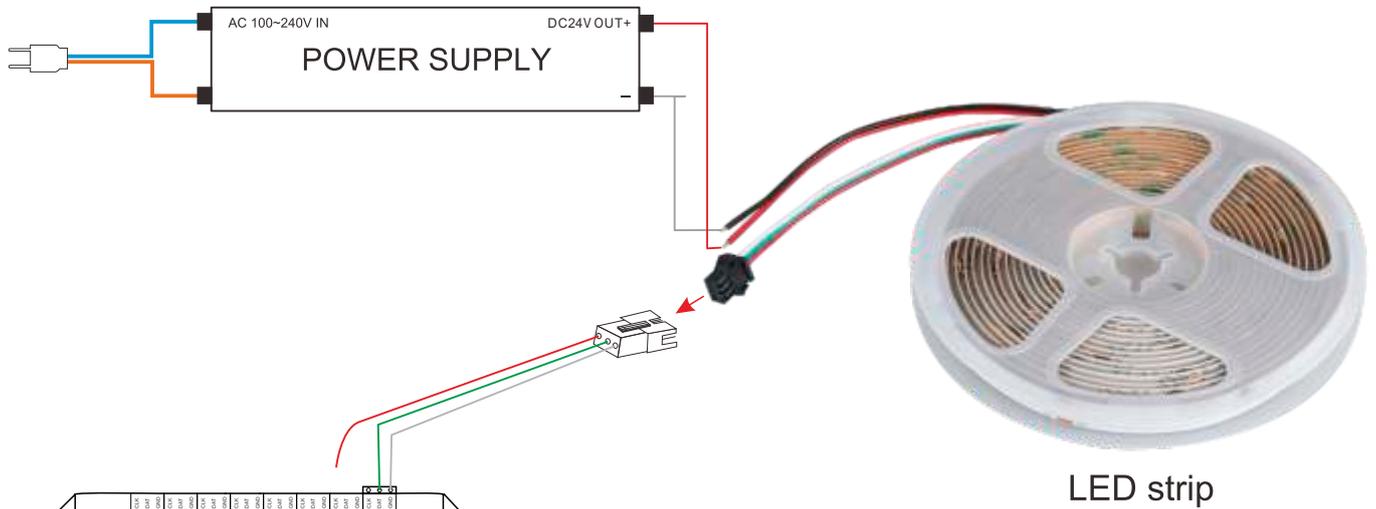
LED Strip both ends output with 3 PINs connector

male connector output

female connector input

positive
negative

data input

power connector   DC24v

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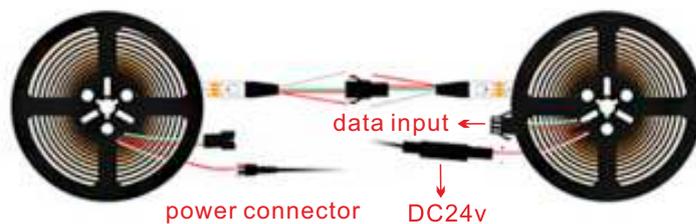
Package:
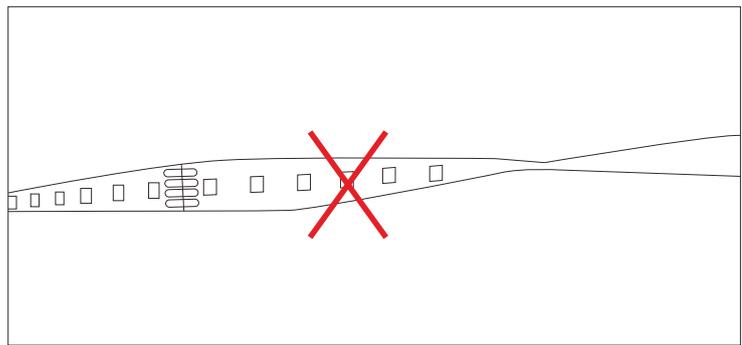

1 reel/bag

25 bags/Iner Box
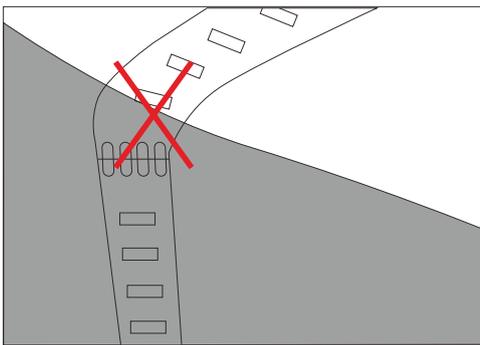
Inner box
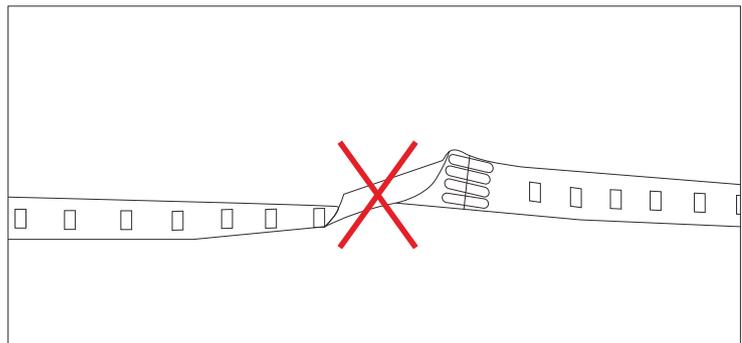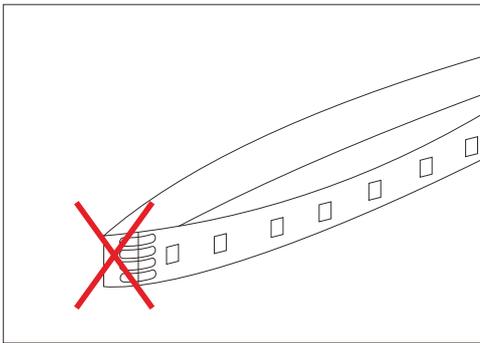size:25x26x31cm

50 Bags/Outer Box

Outer box
size:34x52x27cm

Package: 5 meters strip in one reel, one reel in one anti-static bag, 25 bags put into one carton,
2 inner boxes put into 1 carton .

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Avenue, FuHai Street, Bao'an, Shenzhen, China   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)

- -

Bend (Right)

R>=50MM