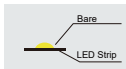# SurMountor

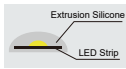# FCOB630-24-M10-RGB

FLEXIBLE STRIP INTRODUCTION

Features:

1) New Flip Chip On Board Flexible LED Strip, 630chips per meter.

2) Ideal for LED lighting application to avoid multi-shadows.

3) Higher heat conductivity for better thermal management.

4) Provide variable and innovative array LED layout designs and combinations.

- Available in 24V DC maximum.
- Very bright & low power consumption.
- Operating temperature: -20~40°C.
- Long life span LED lights, more than 50,000 hours.
- Adhesive back, peel & stick!
- All available controller or dimmers.
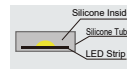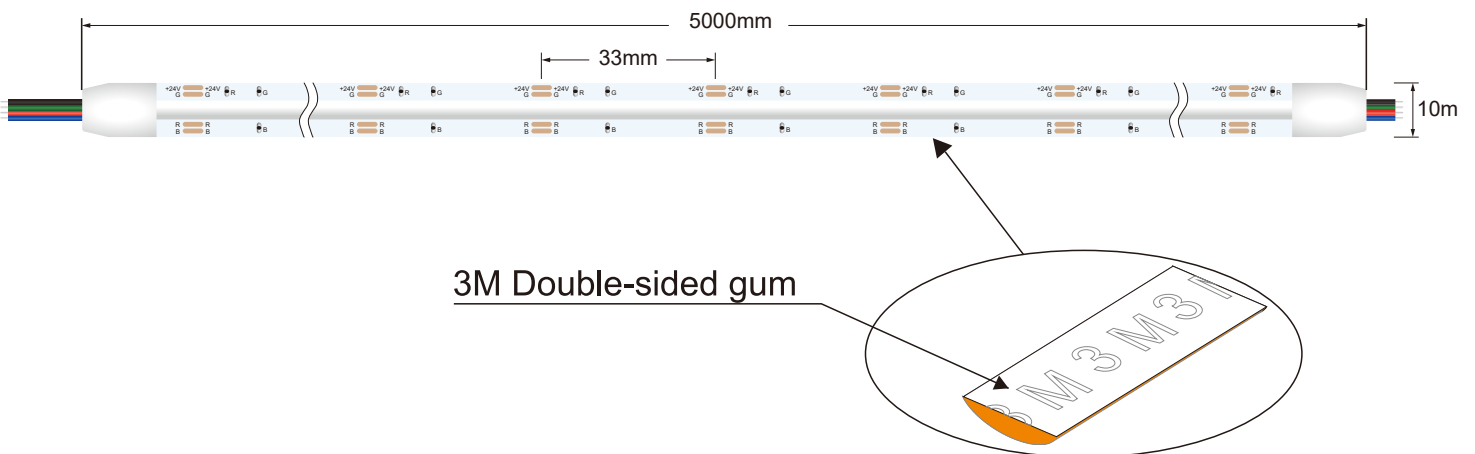- Non-waterproof, IP20.

IP20	IP67	IP68
Bare / LED Strip	Extrusion Silicone / LED Strip	Silicone Inside / Silicone Tube / LED Strip

Assembly drawing

Top View

5000mm

33mm

10m

3M Double-sided gum

Section

1.6mm

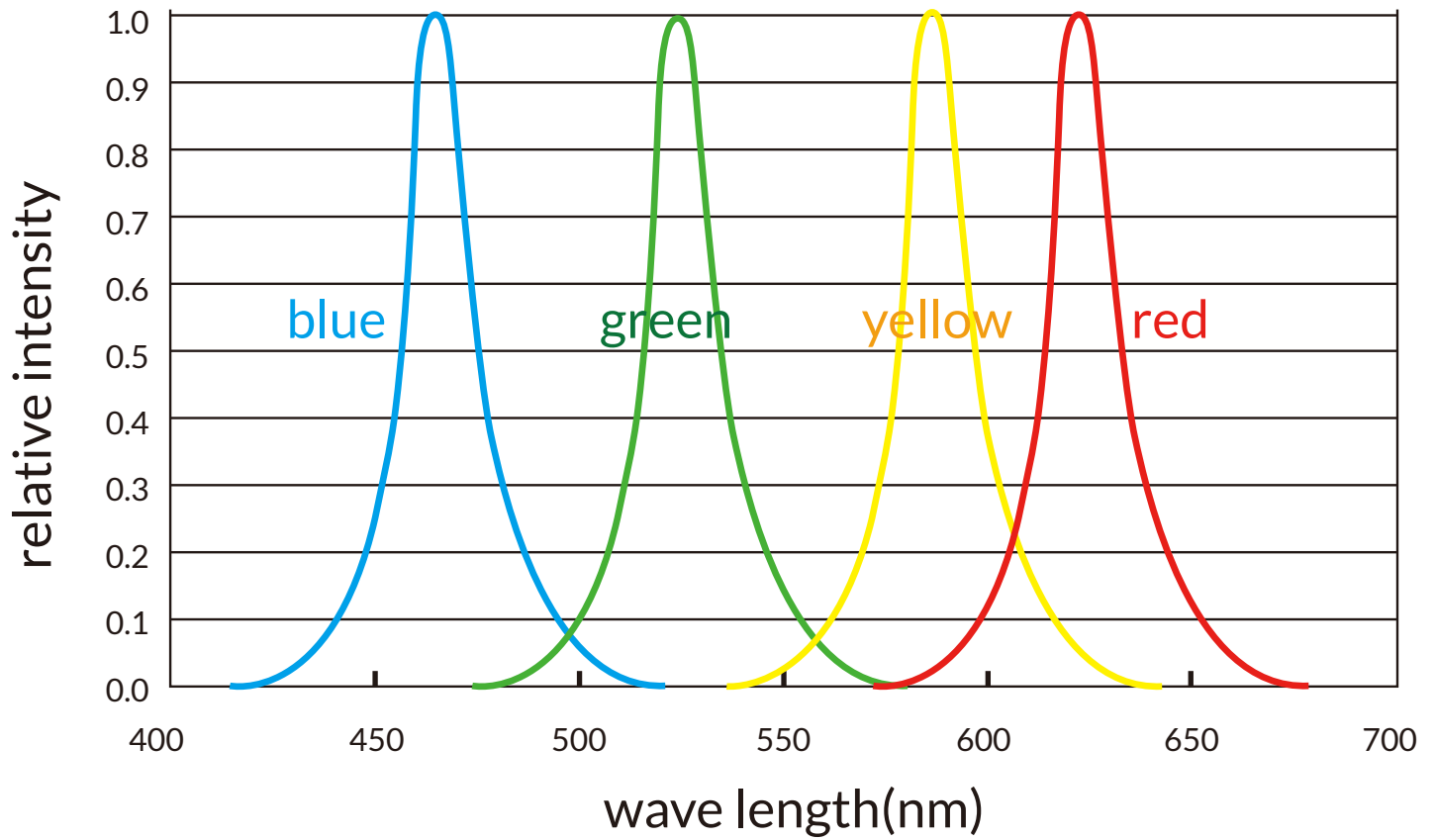| FCOB630-24-M10-RGB								
Model No.	Size(mm)	Color	Cut Every (LEDS)	Chips/M	Lumen/M	Voltage	Power/M	Package
FCOB630-24-M10-RGB	L5000*W10*H1.6	Blue ■	33mm	630	35	24V	10W	5Meters/Reel
		Green ■			245			
		Red ■			80			

Application

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

LED Light distribution

Radiation diagram

Relative luminous intensity Iv %

CE

RoHS

2 yrs warranty

SurMountor

Spectrum chart: relative intensity vs wave length (nm), showing blue, green, yellow, and red peaks.
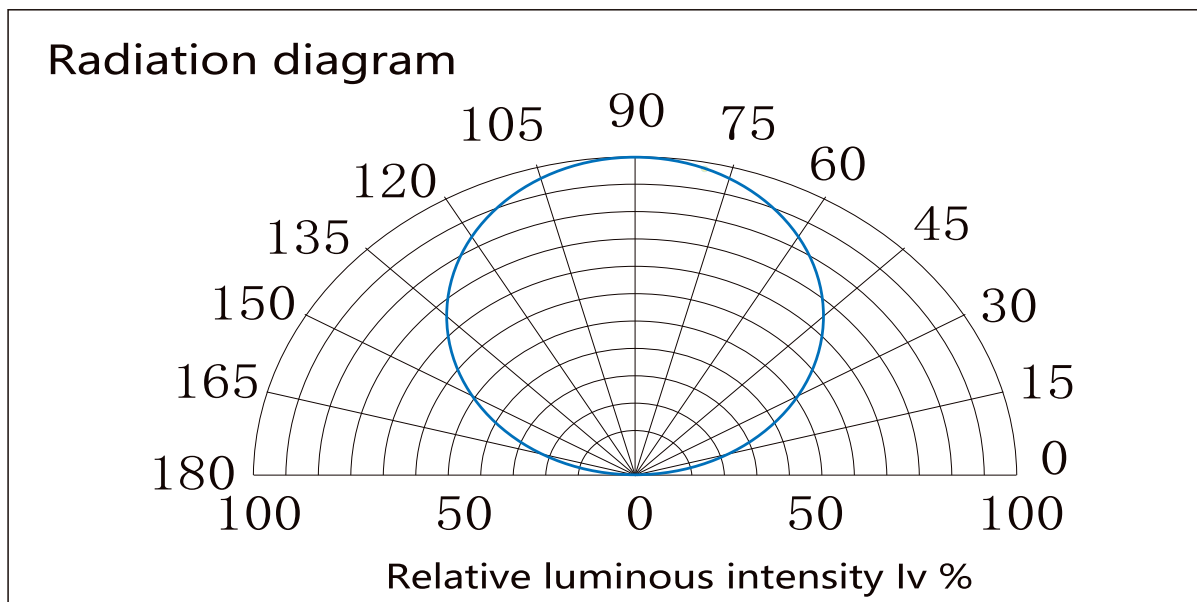
Package:

| 5 meters/reel | 1 reel/bag | 25 Bags/Iner Box | 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 .

Surmountor Lighting Co., Ltd

📍 Add: 2/F, Building D, Yonghengxin Industrial Park, No. 5, Furui Road, Fuyong Town, Shenzhen, Guangdong, China.

📞 Tel: +86-0755-2792 6119 / 2792 6326   ✉ Email: sales@surmountor.com

03

How to connect flexible strip

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

AC 220V IN

POWER SUPPLY

DC 24V OUT
+   –

CONTROLLER
+
R
G
B
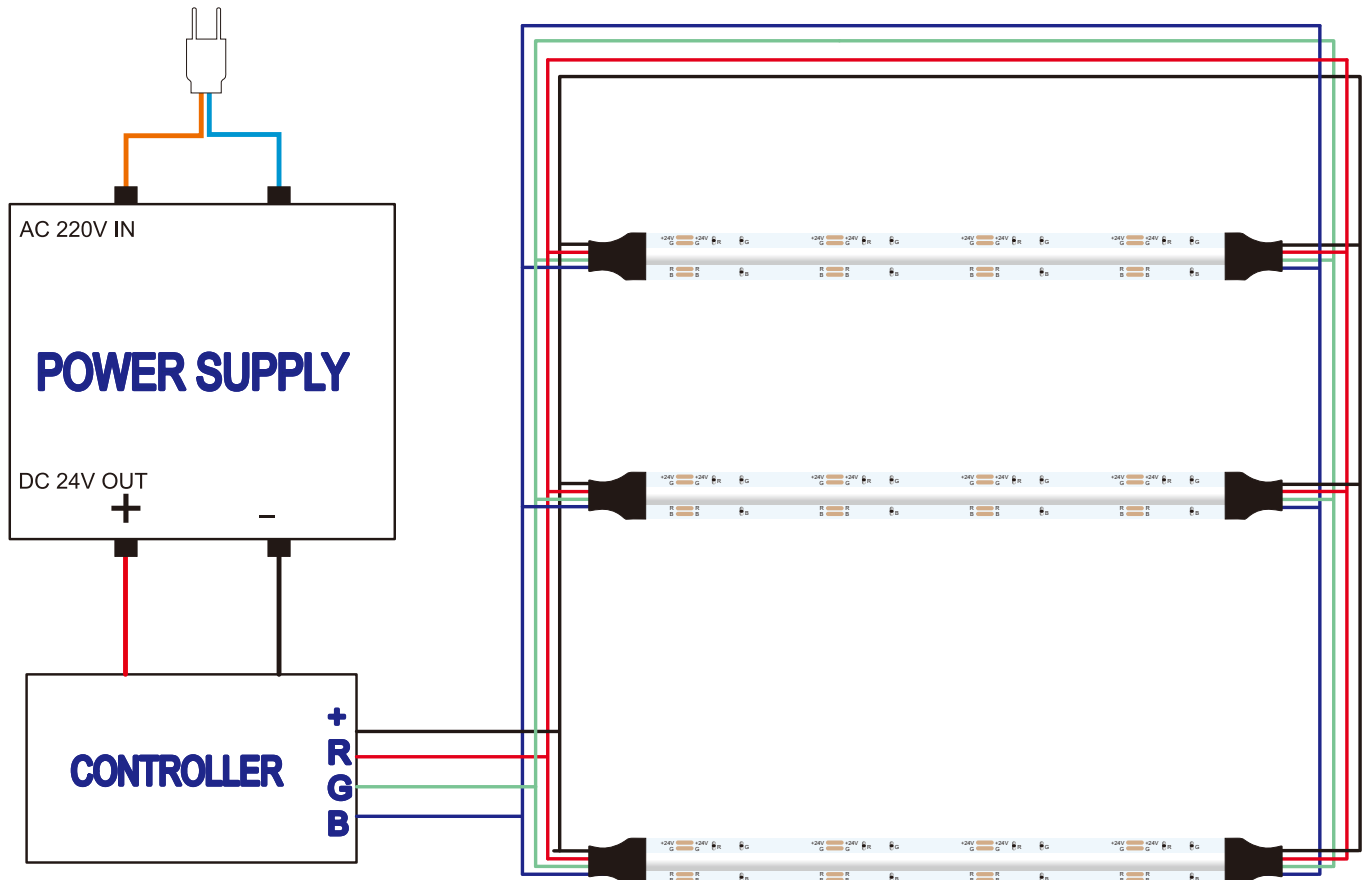
Note:

Please note that, the LED strips should not be used in sealed or hot place, to make sure the heat
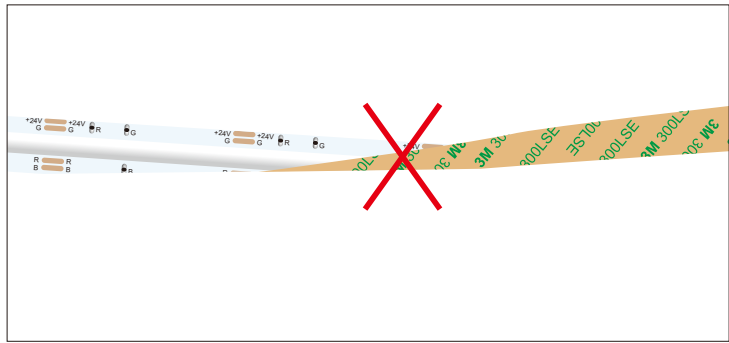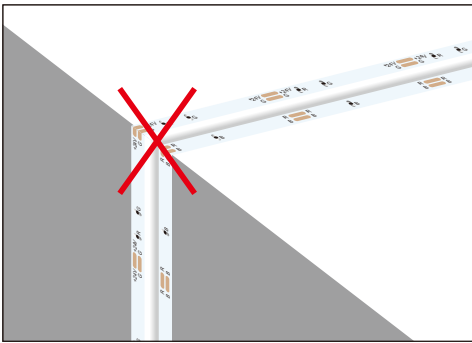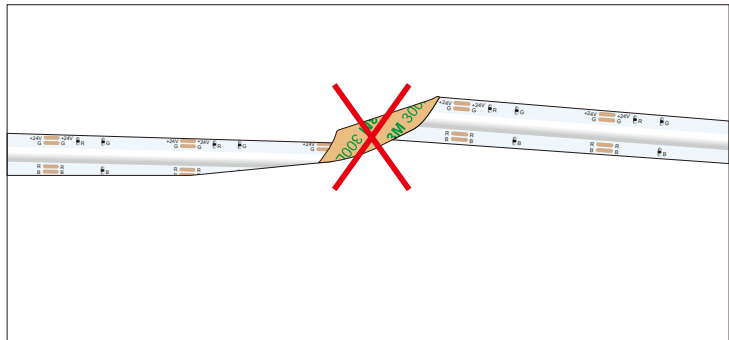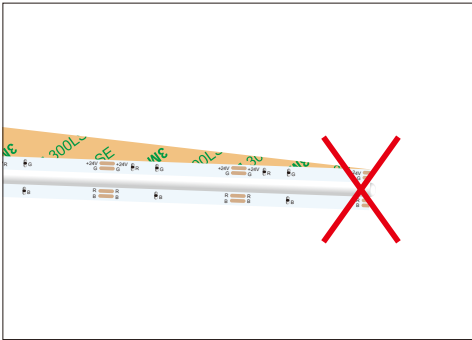Dispersion is good for the LEDs.
Each flexible strip with a total length of the series can not be more than 5 meters.
Flexible strip with all of the total power can not exceed 90% of the power switching power supply.

⚠ 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)