



FCOB840RGBCT-24-M12

FLEXIBLE STRIP INTRODUCTION

Features:

- 1) New Flip Chip On Board Flexible LED Strip, 840chips 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.

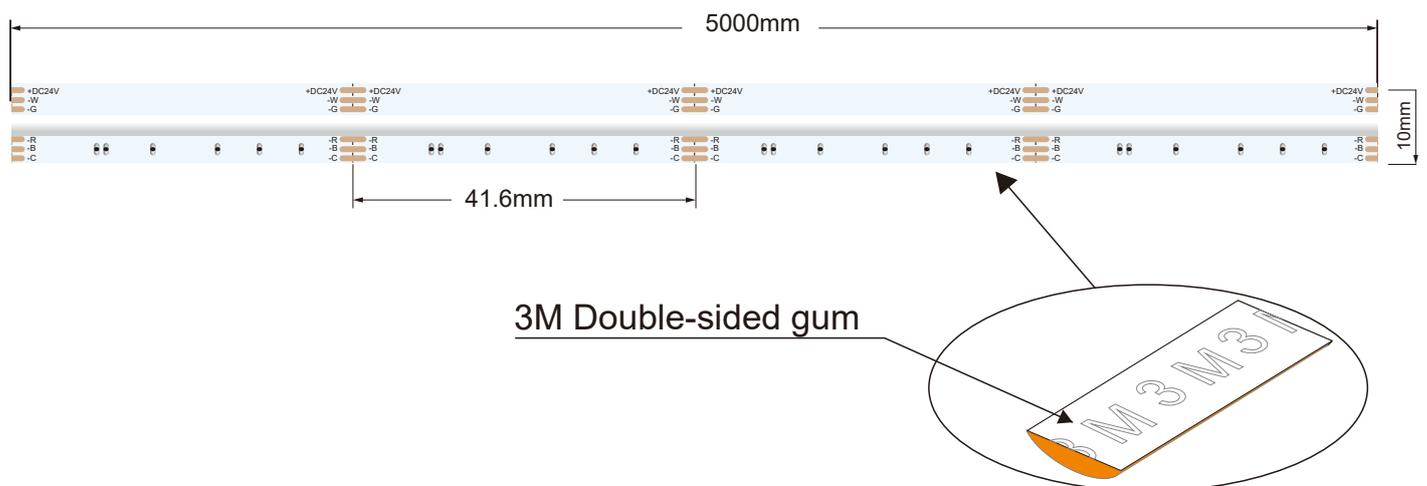
- Available in 24V DC maximum.
- Very bright & low power consumption.
- Operating temperature: -20~40°C.
- Long life span LED lights, more than 50,000 hours.
- Adhesive back, peel & stick!
- All available controller or dimmers.
- Non-waterproof, IP20.

Applications:

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

Assembly drawing

Top View



Section



FCOB840RGCCT-24-M12								
Model No.	Size(mm)	Color	Cut Every (LEDS)	Chips/M	Lumen/M	Voltage	Power/M	Package
FCOB840RGCCT-24-M12	L5000*W12*H1.6	Blue 	35	840	40	24V	16W	5Meters/Reel
		Green 			220			
		Red 			80			
		WW 			240			
		CW 			224			

**New COB Strip
without any LED dots**



**Normal LED Strip
with many LED dots**



Applications

*Residential lighting, decorative lighting.

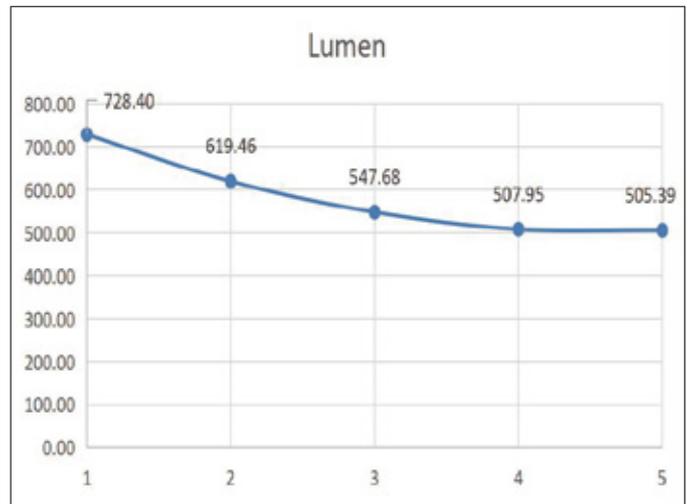
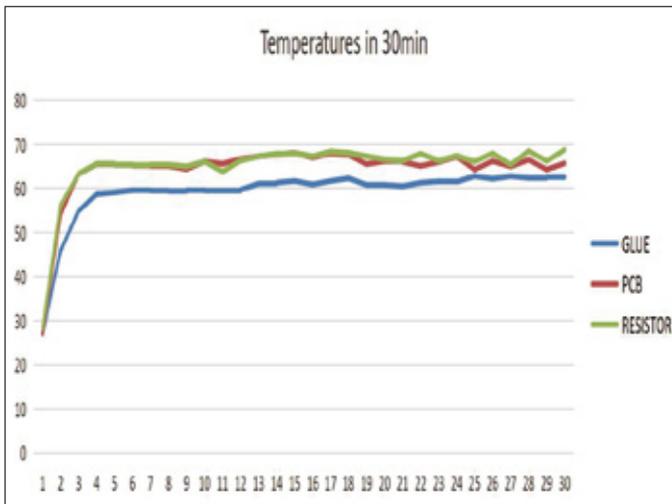


Temp. Curve

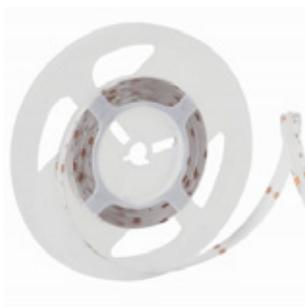
*The above curve based on 30 minutes testing data. The Temp. changes after powering within 30 minutes.

*The x-axis indicates the minutes from 1st minute to 30th minute.

*The y-axis indicates the changes of temperatures in Glue, Resistor, PCB at ambient TC 25°C.



Package:



5 meters/reel



1 reel/bag



25 Bags/Inner Box

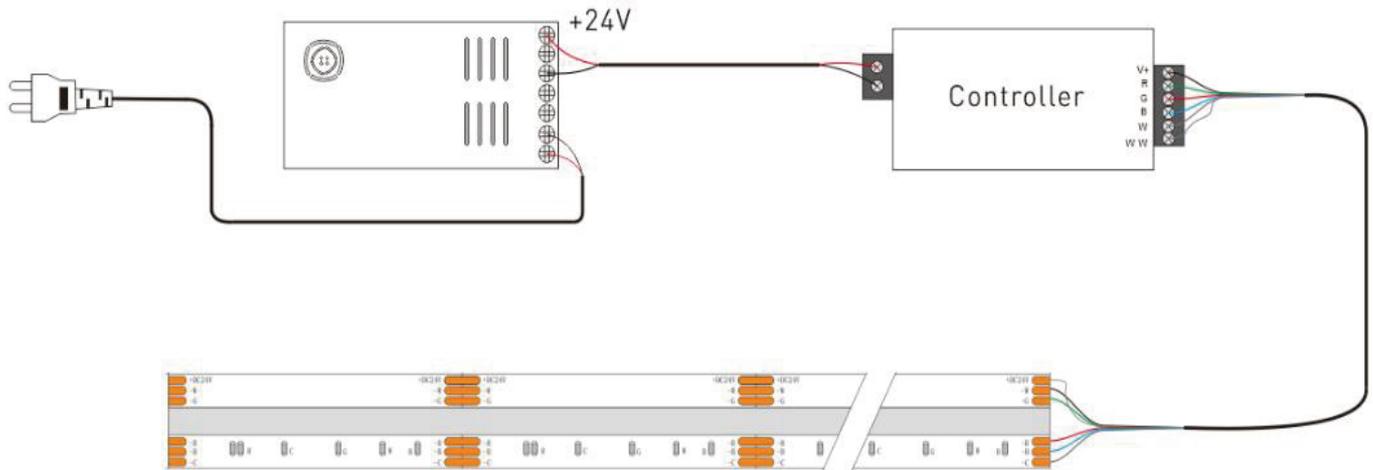


50 Bags/Outer Box

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 .

How to connect flexible strip

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



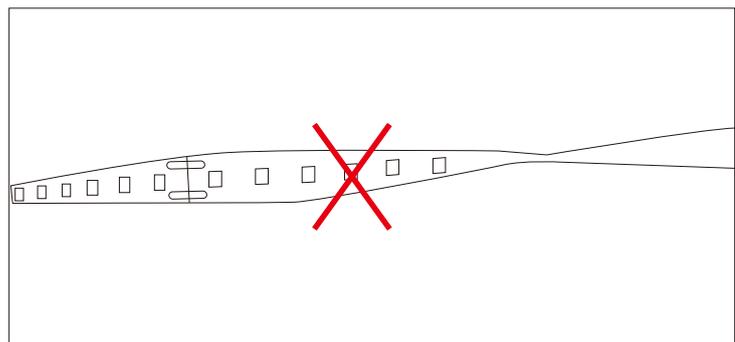
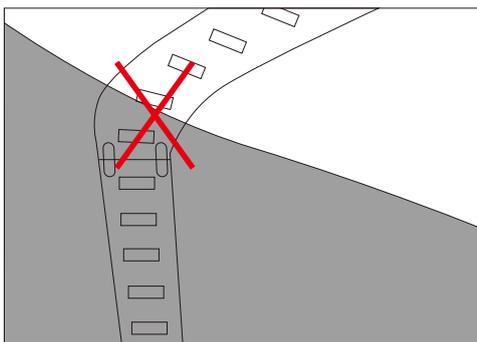
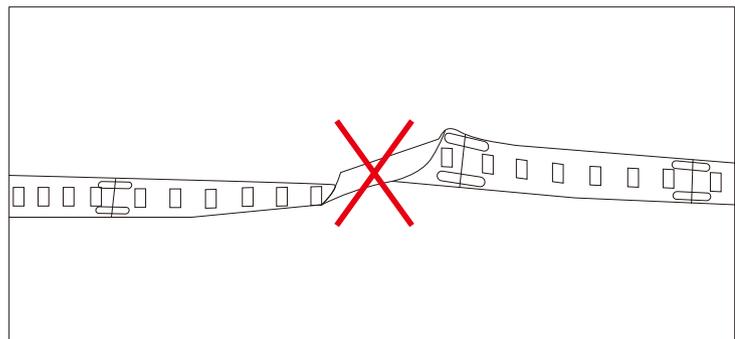
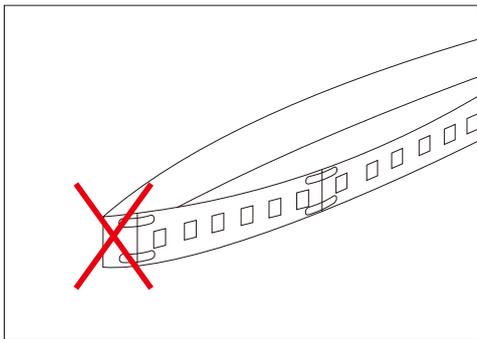
Note:

- Please note that, the LED strips should not be used in sealed or hot place, to make sure the heat dispersion is good, mount the LED strip in Aluminium Chanel.
- Each flexible strip with a total length of the series can not be more than 5 meters. (Recommmed running length: single power supply: 3m max for 12V, 5m max for 24V. Double power supply: 6m max for 12V, 10m for 24V).
- Flexible strip with all of the total power can not exceed 80 %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)

