FCOB528-12V-M10

FLEXIBLE STRIP INTRODUCTION

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

Features:

• New Flip Chip On Board Flexible LED Strip, 528 chips per meter.
• Ideal for LED lighting application to avoid multi-shadows.
• Higher heat conductivity for better thermal management.
• Provide variable and innovative array LED layout designs and combinations.

• Available in 12V DC maximum.

• Very bright & low power consumption.

• Operating temperature: -20°C to +50°C.

• Long life span LED lights, more than 50,000 hours.

• Adhesive back, peel & stick!

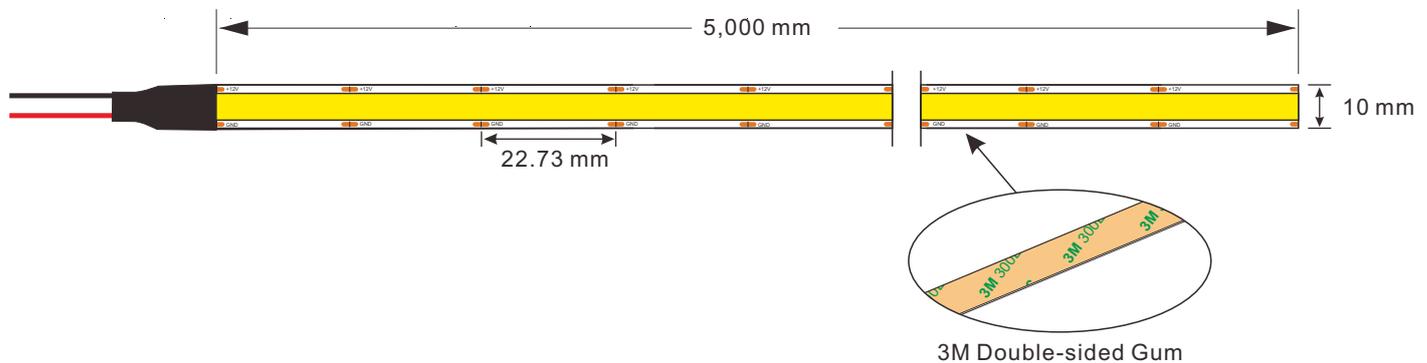• All available controller or dimmers.

• Non-waterproof, IP20[1].

1:
LED Strip   PCB
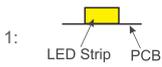
Applications:

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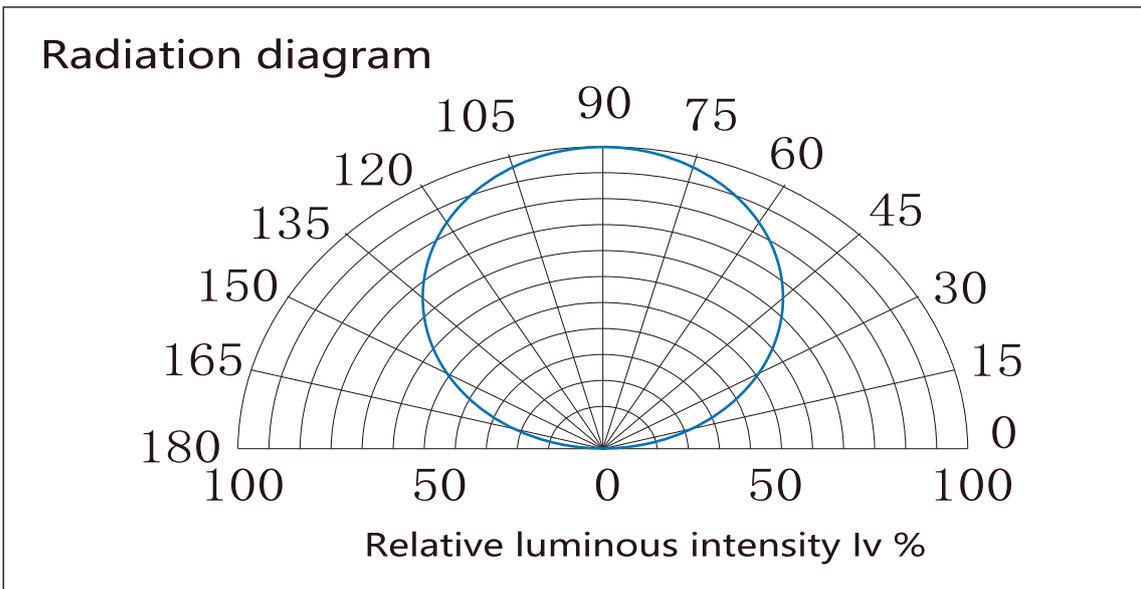
Assembly drawing:

Top View

5,000 mm

10 mm

22.73 mm

3M Double-sided Gum

Section

1.6 mm

Dropper Series: FCOB528-12V-M10

Part number	Color		LED QTY/meter	Lumen/meter	Voltage	Power/meter	Packing means
FCOB528-12V-M10	WW	▢	528	1500	DC12V	15W	5 meters/reel
	NW	▢		1575			
	CW	▢		1650			

New COB Strip without any LED dots

Normal LED Strip with many LED dots

LED Light distribution

Radiation diagram

Relative luminous intensity Iv %

CE

RoHS

2 yrs warranty

ShenZhen Surmountor Lighting Co., LTD

TEL: +86-0755-27926119/27926326   E-mail: sales@surmountor.com   ADD:4/F, No.2 Factory Building, Dayang, No.4 Tangwei Industrial Avenue, FuHai Street, Bao'an, Shenzhen, China   02

Color spectrum (CRI80+)

For: white LED
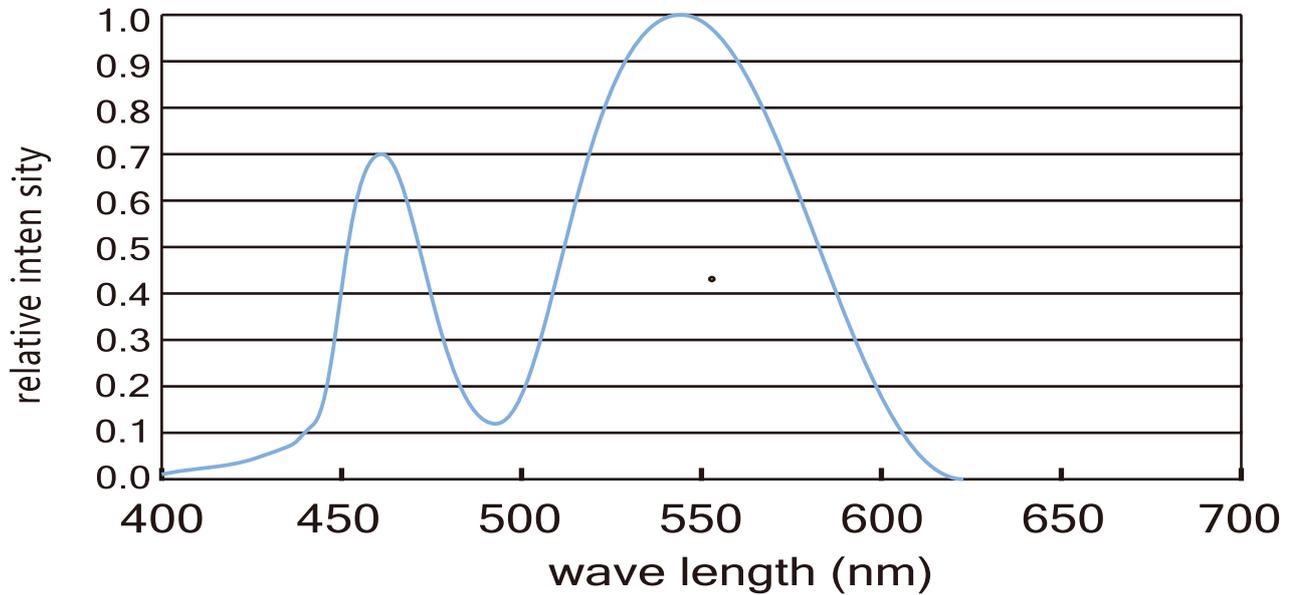
Package:

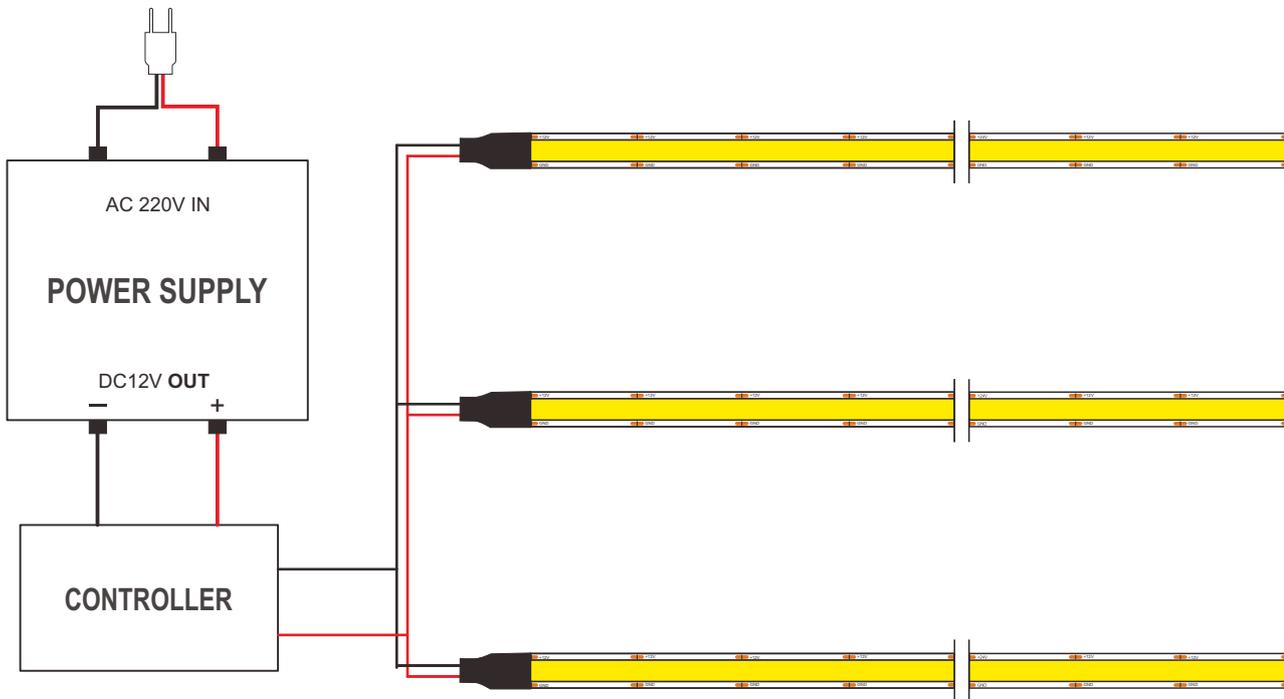| 5 meters/reel | 1 reel/bag | 25 Bags/Iner Box | 50 Bags/Outer Box |

Outer box size:34x52x27cm

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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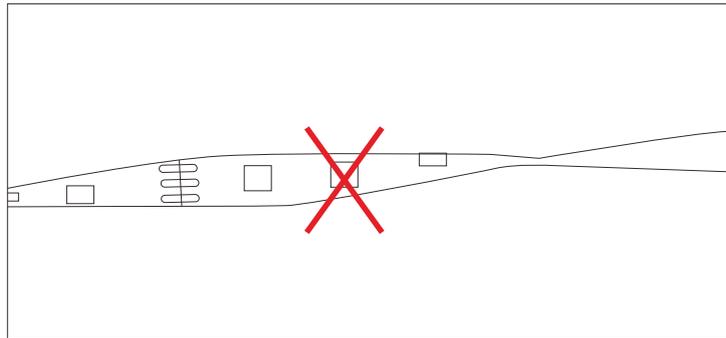
How to connect flexible strip:

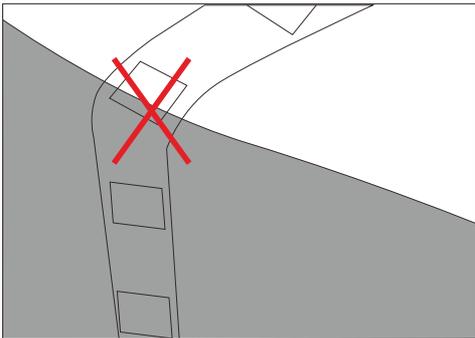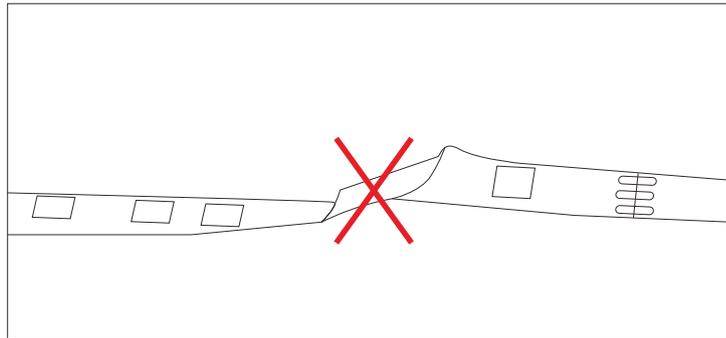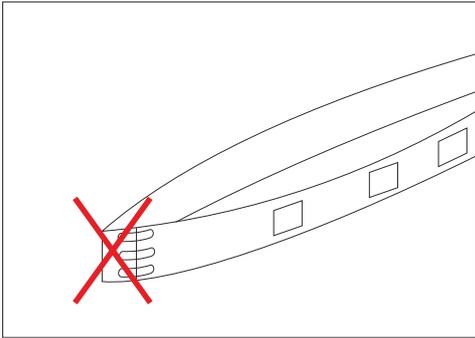Below shows you how to connect the flexible strip to power supplies

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. (Recommed 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.

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⚠ 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