



## RGB COB led strip 840LEDs/m



### Product Description

1. This PWM RGB COB led strip is very soft and can be bent at will. It has three basic colors, red, green and blue and the color can be adjusted by controller.
2. It uses SMD flip chip, which is highly integrated, 840 LEDs/m.



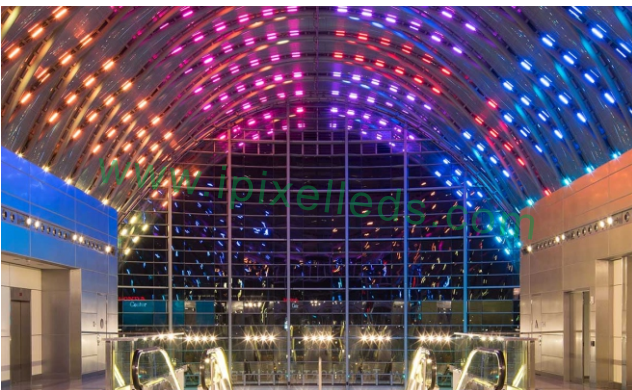
3. High brightness, uniform luminescence and no spot.
4. Every 25mm can be cut, and thicker PCB with 1+2 ounce copper thickness.
5. It is suitable for dark grooves, parks, squares, buildings, architectural lighting...



## Product Datasheet

Product Number	S010840ZC3PZ
SMD Type	COB
Luminance/m	R:135LM G:271LM B:72LM
Beam Angle	120°
LED Quantity	840 LEDs/m
Wavelength	R:620-625NM G:520-525NM B:460-465NM
Color	RGB
Minimum Cutting Length	25mm
Material	FPC
Operating Voltage	DC24V
Power (W)	16W/M
Size (mm)	L5000 * W10
IP Rate	IP20/IP64/IP65/IP66
Net Weight	0.13KG/roll
Operation Temperature	- 20 ~ 50 °C

## Application



DIY and DIMMABLE: With stronger 3M adhesive,our COB LED strip lights can be reliably installed, idea for kitchen,cabinet,bedroom,stair,mirror,corridor,DIY backlight, table lamp,toy light,mirrors,walls,cabinets and other places that need decoration

Hotels ,restaurants, nights clubs, edge light

Living rooms, coffee / wine bars, back lighting

Recreational machines, playstation

TV, dancefloor background, shopping malls,

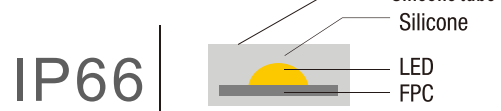
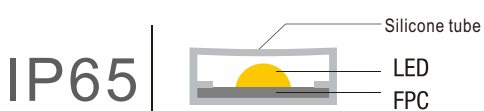
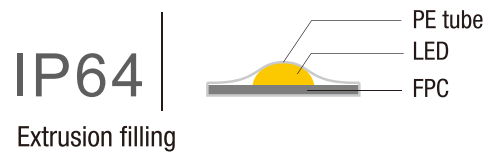
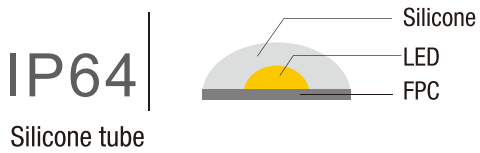


## IP Rate

### Gel coating



### Heat shrink tube



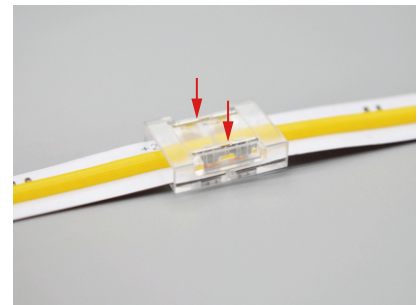
## Product connections



Insert each ends of led strips into the end of the connection terminal respectively, make sure the metal clip is on the same side as the metal solder pad of led strip.



After complete the insert, also make sure both ends of led strip are tightly connected

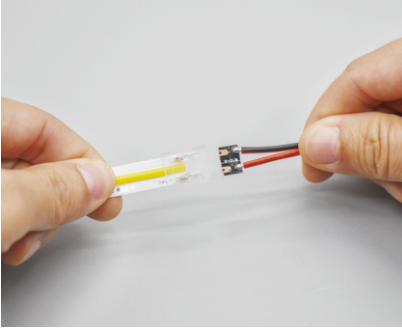


Press the metal clip down with the appropriate force using pliers to ensure that the metal clip is inserted into the appropriate position ,and connection completed.

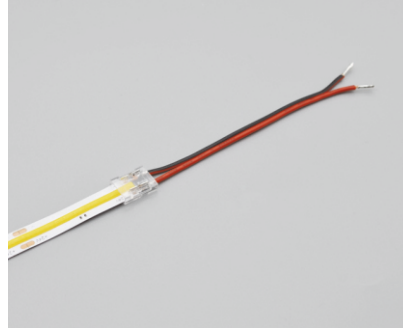




## Wiring connections

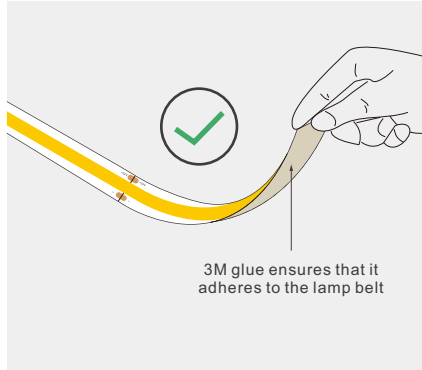
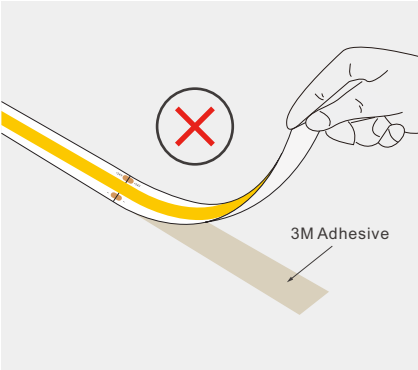


Insert one end of led strip and wire connector into both ends of the connection terminal respectively to ensure that the metal clip is on the same side as the metal solder pad of led strip



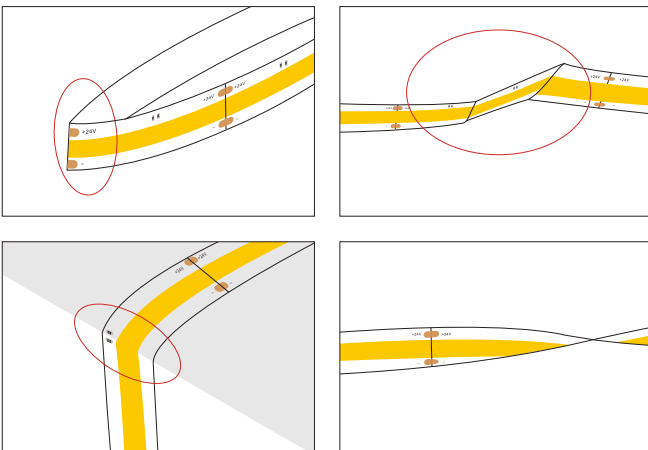
Meanwhile make sure both ends are closely connected, Press the metal clip down with the appropriate force using pliers to ensure that the metal clip is inserted into the appropriate position ,and connection completed.

## Matters needing attention

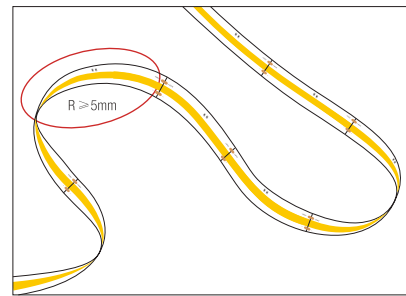


If you need to tear up the LED tape again, 3M glue ensures that it adheres to the lamp belt, otherwise it will Damage LED tape

When install the led strip,please note the installation technique.The led strip can be bent, but not distorted,as shown below.



Distortion(Wrong)



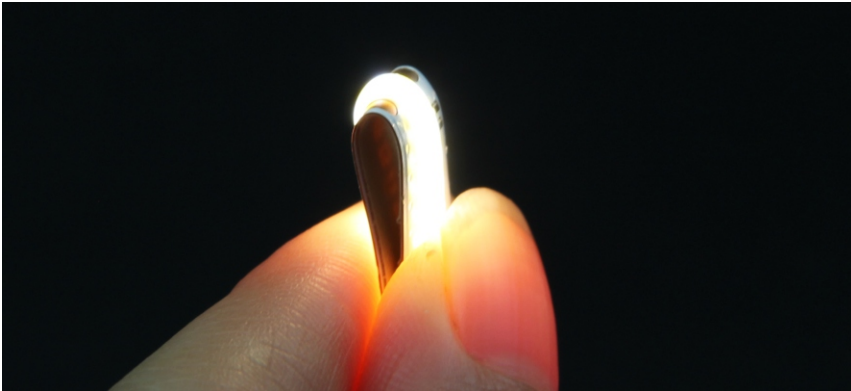
Bend(Right)

➤ LED strips are low voltage products,you must use the power supply(transformer).Please don,t connect the led strip directly to the AC 110v or AC 220v,otherwise it will burn out the LED strips.

➤ Clean up the installation surface,it will ensure the reliability of the adhesive,The electrical connection process must be operated by a professional person.



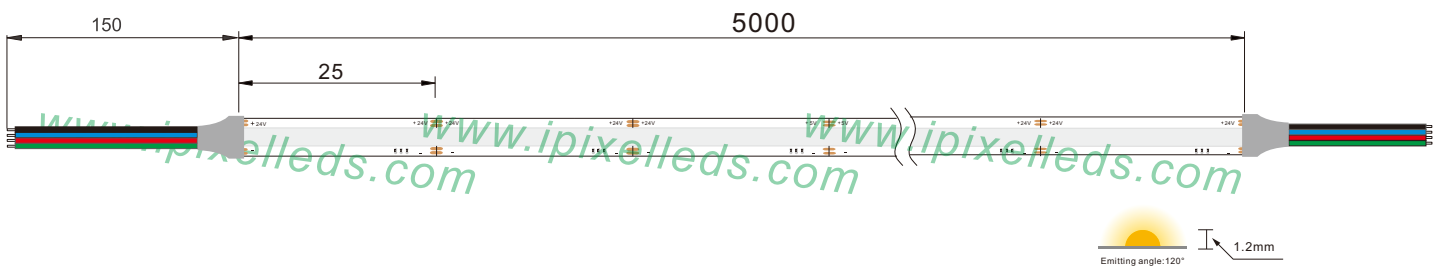
COB led strip can be folded in 180 degrees without damaging the light strip. It is very flexible to use.



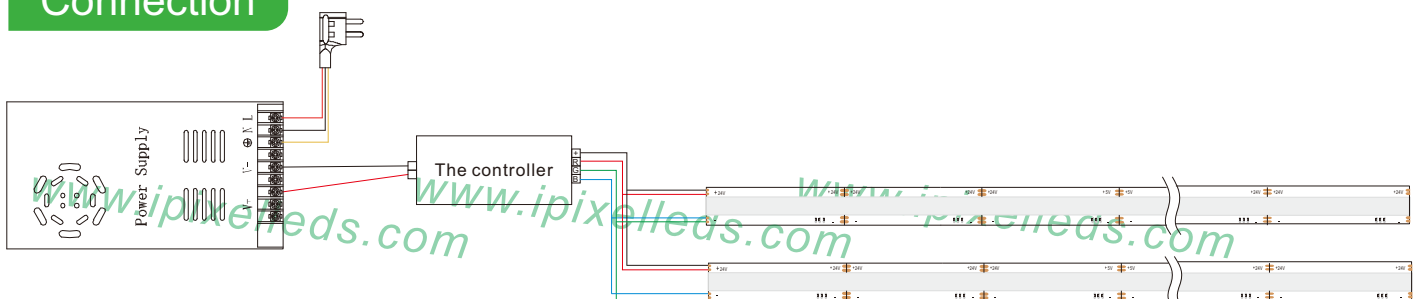
It has better tenacity. can be arbitrary bend



## Outline Dimension (unit:mm)



## Connection





## Precautions

1. When installing and maintaining the light strip, the power must be cut off first.
2. Do not look directly at the light source when the lamp is working.
3. It is strictly forbidden to dismantle the light strip with electricity.
4. Non-professionals are not allowed to install or disassemble the light strip at will.
5. Power supply > 1.2 times the total power of the lamp.
6. The power supply voltage should match the working voltage of the light strip.

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