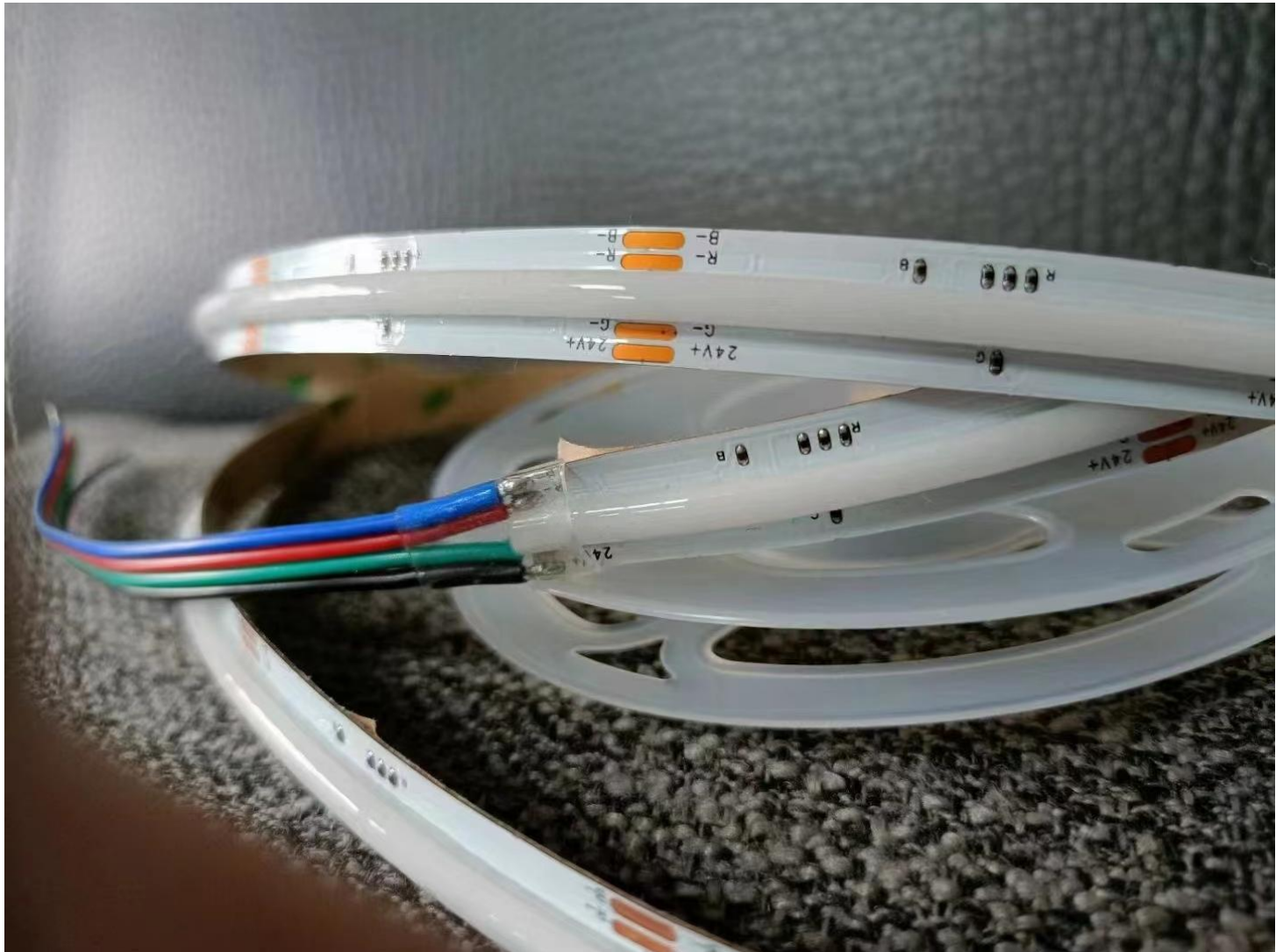


## **Best seller --Dc24V 576 led COB RGB led strip**



### **Advantages :**

No light spot, Even light;  
there is Even and soft light radiation,  
no glaring and no lighting spot,very bright for cob led strip,  
a good replacement of smd 2216 ,2110 led strip .  
COB encapsulation techology without wire bonding;  
Flip chips has bigger pole for higher current,wore more stable;

### **Feature**

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518110

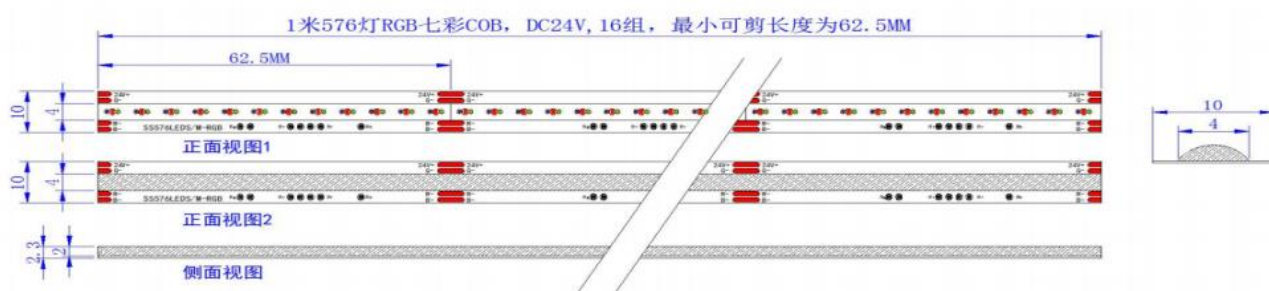


- 1) RGB cob led lamp .
- 2) 25um50um pure copper PCB board with10mm/8mm width .
- 3) Double membrane covering the FPCB board for better protection.
- 4) Cutting unit every 18led (31.25mm) with 12V
- 5) Cutting unit every 36 led(62.5mm) with 24V.
- 6) DC12V, 10W per meter(max)(14watt with 24V).
- 7) LED density: 576pcs per meter.
- 8) Controller Protocol : PWM

### **Parameter**

Part No	RL-5TR--COB-576-RGB--12V24V-8mm/10mm
Lighting Source	COB RGB led
Operate Voltage	DC12V 24V
Consumption Watt/M	10 Watt/M with 12V;14 Watt/M with 24V;
PCB quality	Double layer 25um 50um Copper,
LED quantity/M	576 LEDs per meter
Color	RGB
Brightness	Red:625nm Green: 530nm Blue:460nm
Cable	AWG20( 0.3 mm <sup>2</sup> ) with 15cm cable long
Tape	Standard 3M300SL tape at the back
Waterproof Grade	IP20/65/67/68
PCB width	8mm/10mm
Cutting unit	12V with 31.25mm ; 24V with 62.5mm
Packaging	5M/roll
Viewing Angle	180 degree
warranty	2years

## Dimensions



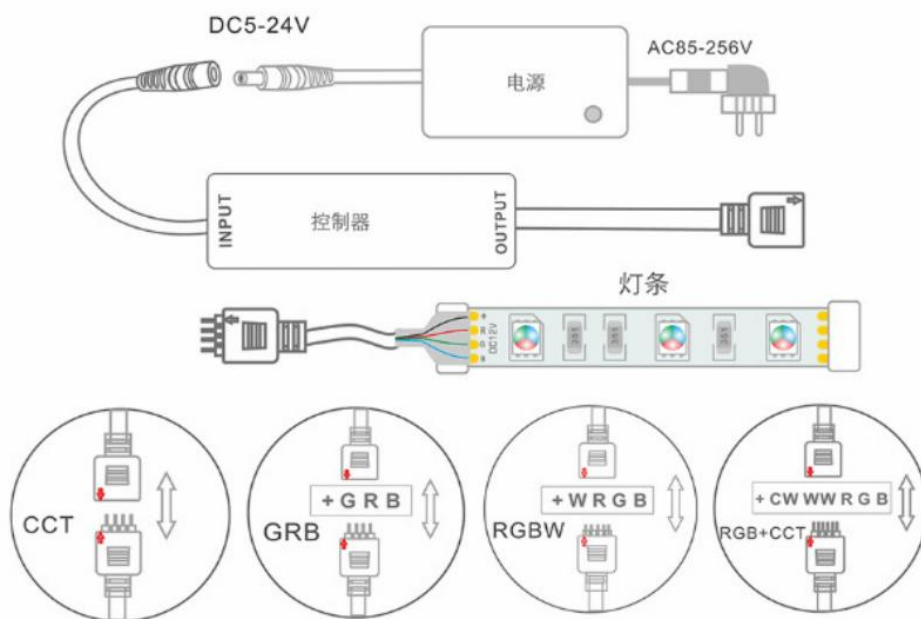
## Wavelength Group(IP=20mA, Ta=25C)

红光 Red	Rank	E	F	G
	WLD	615-620	620-625	625-630
绿光 Green	Rank	E	F	G
	WLD	515-520	520-525	525-530
蓝光 Blue	Rank	H	I	J
	WLD	455-460	460-465	465-470

备注：单位 nm，波段测试误差±1 Notes：Unit nm,Wavelength Tolerance is:±1.

## Wiring Chart

### CCT/ RGB/ RGBW/ RGB+CCT 控制器



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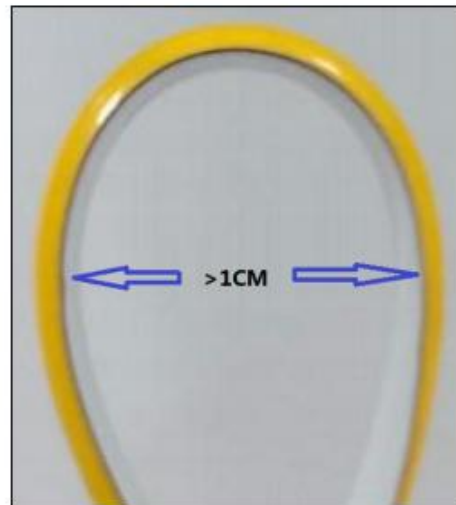
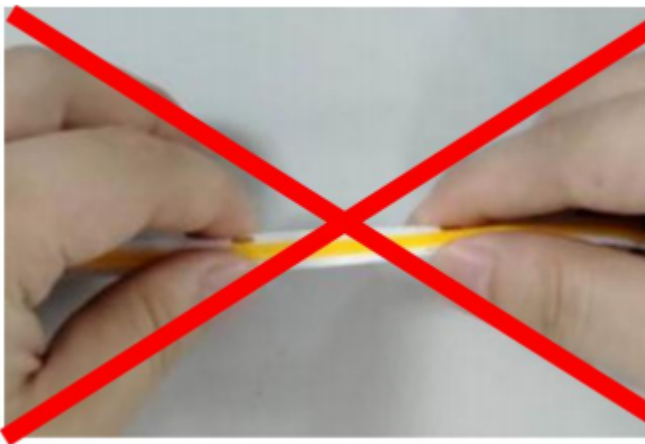
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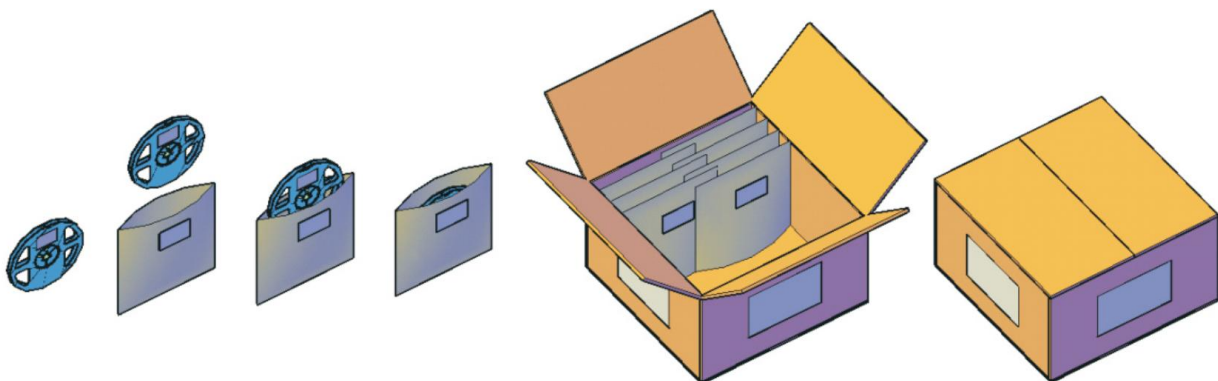
## Noted

- ( A ) .During the installation process, sharp objects should be avoided from touching the surface of the lamp strip to avoid damaging the colloid and causing defects;
- ( B ) .Avoid contact of the colloid in the luminous area with high-temperature objects to avoid burns to the colloid and affect the linear effect;
- ( C ) .Use DC 12V 24V stabilized voltage power supply to drive, and select a power supply with appropriate power according to the number of light strips that need to be installed; The total power of the light strip driven by the power supply should be less than 80% of the rated power of the power supply;
- ( D ) .It is strictly prohibited to bend or twist the light strip at a short distance to avoid damaging the strip or damaging the internal electrical structure of the chip:



- ( E ) .It is recommended that any bending diameter of the light strip should be >1CM:

## Package





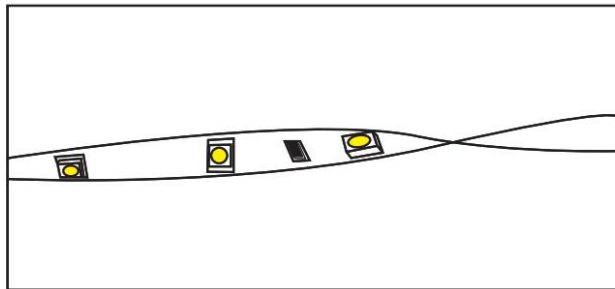
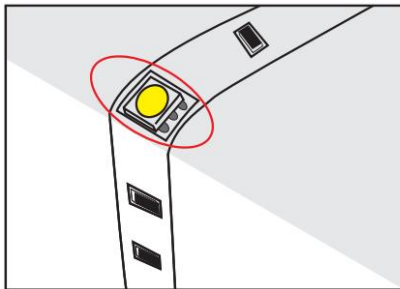
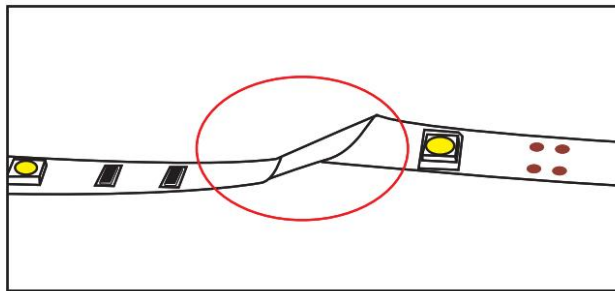
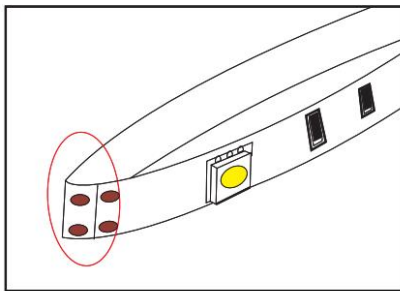
**Note:**

1. One Aluminum Foil Bag for one roll of LED strip, 5M/roll.
2. All the packaging materials are RoHS standard.
3. Heavy stuff are not allow to be loaded above the packaging box.

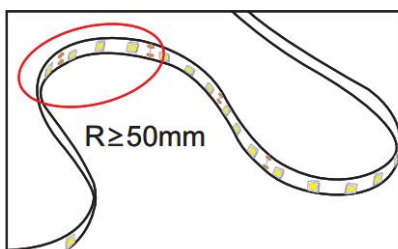


## Cautions:

- 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)

- LED strips are low voltage products, you must use the power supply(transformer). Please don't connect the led strip directly to the AC110 or AC220V, 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.

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