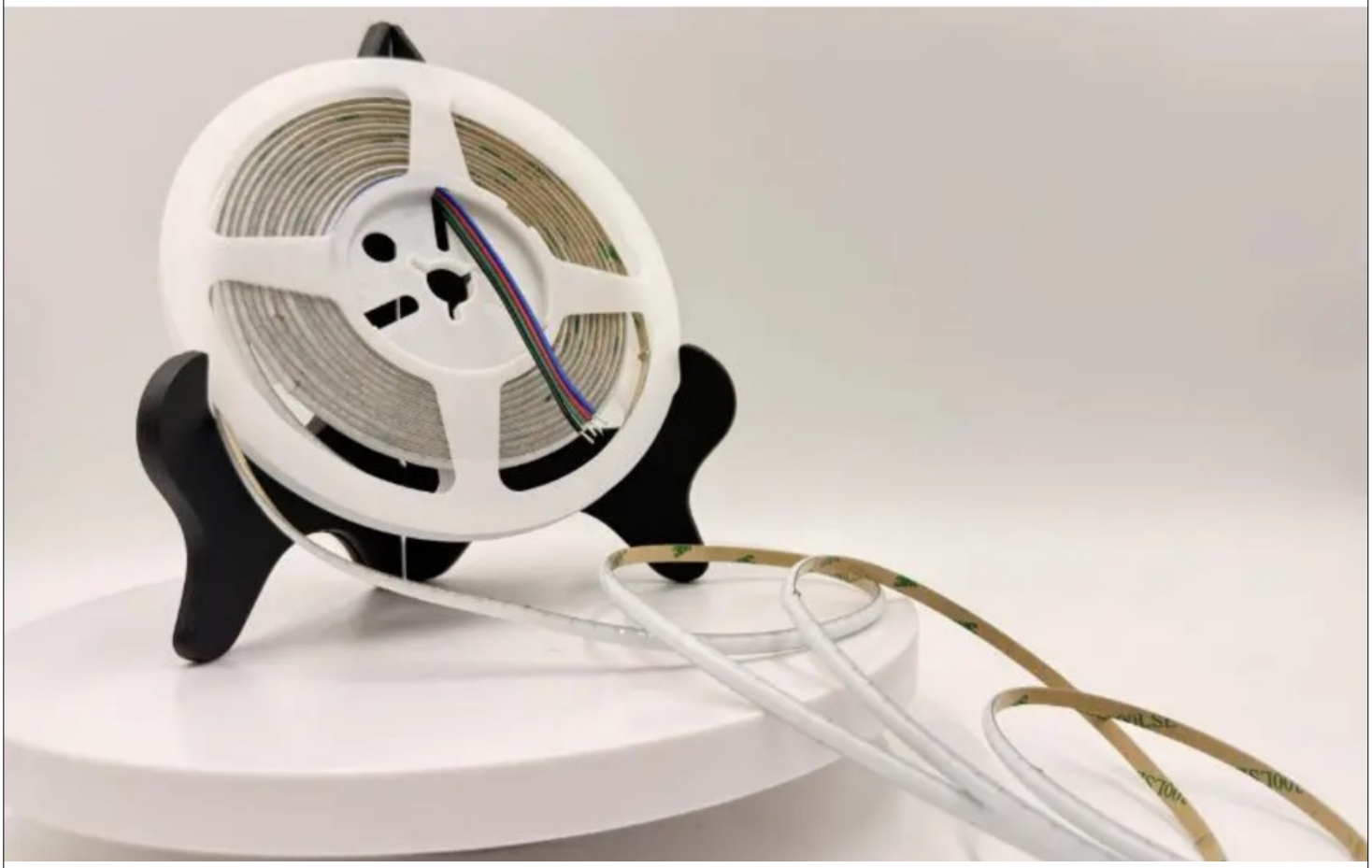
PRODUCT SPECIFICATION



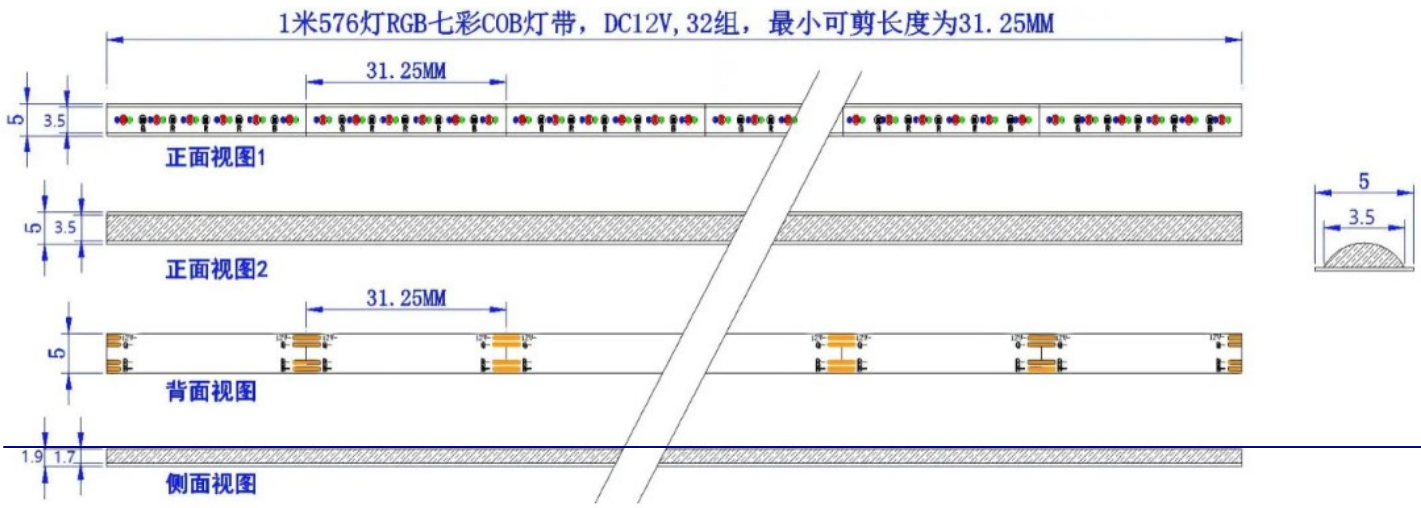
Product name：COB-RGB-5mm-576D-12V-10W-N

Version：2025 1st edition

Product feature

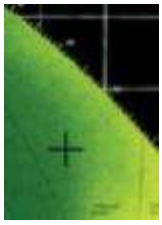
1.This led strip uses COB LED chips, high density with 576LEDs/m,the light is even and soft.
2.High thermal conductivity flexible circuit board design, can be bent freely, easy to install.
3.The LED chip is directly mounted on the FPC, The maximum luminous angle is 180°.
4.DC12V constant voltage design, safe low voltage, small voltage drop, standard length of 5 meters.
5 .Back adhesive high viscosity thermal conductive double-sided 3M tape, easy to install.
6.Certificate: CE RoHS, 2-3years warranty.

Product size(unit： MM)

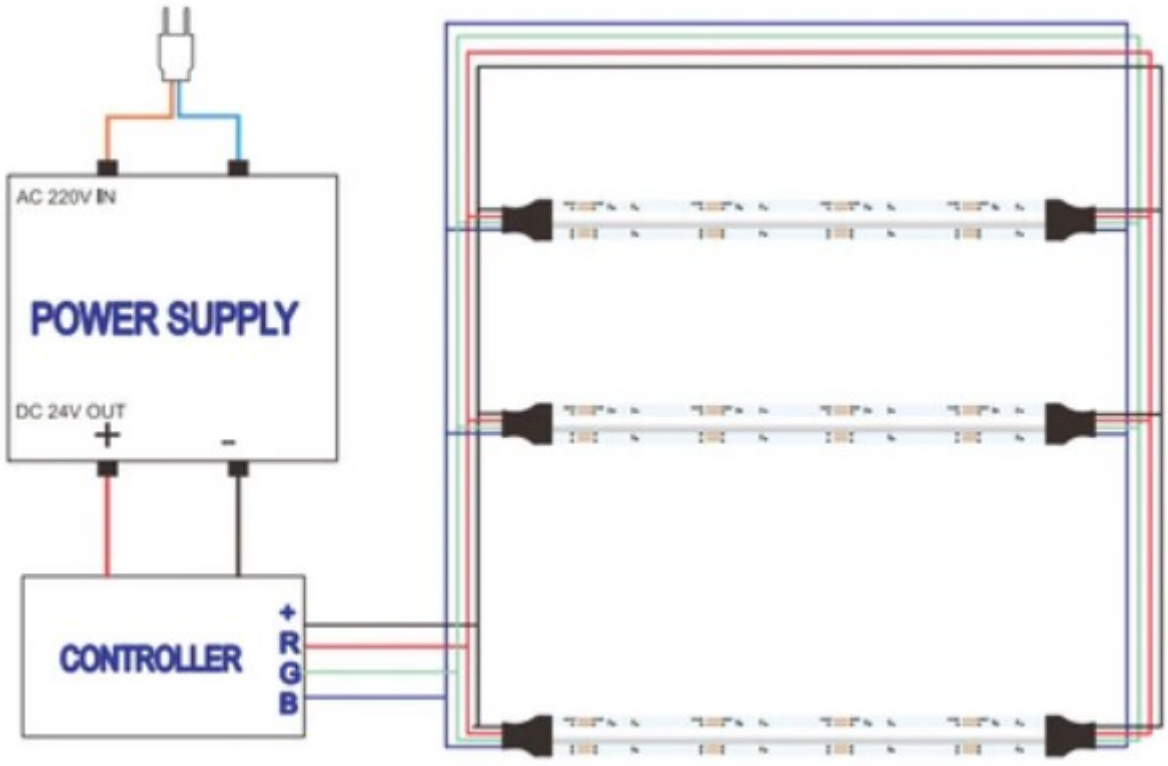


Product parameters

Voltage	DC12V	Size	5000*5*1.9MM
Watt/M	10W/M	LED qty	576PCS/M
CRI	90	PCB width	5mm
Color	RGB	Cutting Length	31.25mm
		Length	5m/roll
Output wire	Both ends with wires 15CM 20#	IP level	IP20

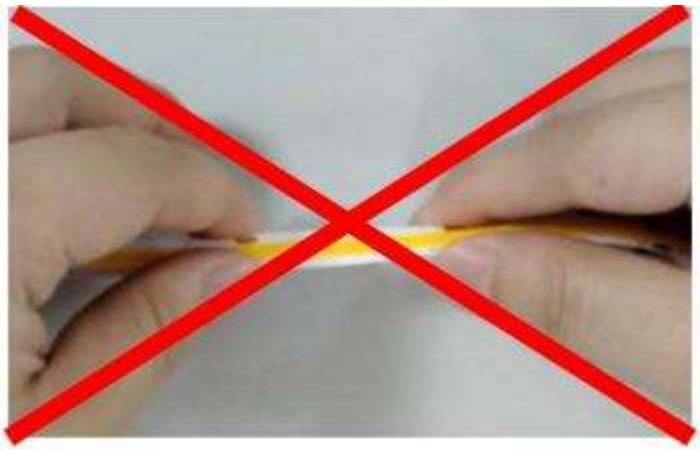
Color	Dominant wavelength	Color chart
Red	622NM(±5NM）	
Green	525NM(±7.5NM)	
Blue	456NM(±5NM)	

Reference wiring diagram

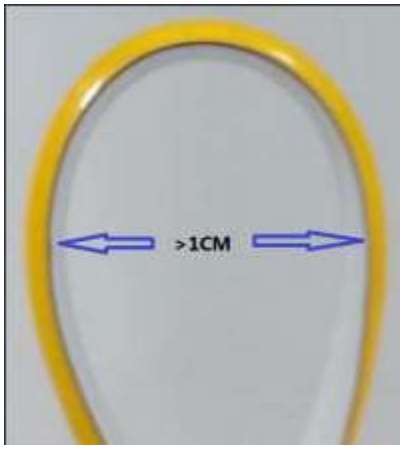


Note&Warning

1. During installation, sharp objects shall not touch the surface of the lamp belt to avoid damaging the colloid and causing adverse effects.
2. Avoid the colloid in the luminous area from contacting high-temperature objects to avoid scalding the colloid and affecting the linear effect.
3. DC12V regulated power supply shall be selected for driving, and the power supply with appropriate power shall be selected according to the number of lamp strips to be installed; The total power of each power driven lamp strip shall be less than 80% of the rated power of the power supply.
4. If glass glue is required during installation, it is strictly prohibited to use deacidification silicone glue (acidity can corrode circuit boards, silicone gel, and fluorescent powder). Neutral (alcohol free and ketoxime free) glass glue can be used.
5. Short distance bending or twisting of the light strip is strictly prohibited to avoid damaging the adhesive strip or damaging the internal electrical structure of the chip.



6. It is recommended that the arbitrary bending diameter of the lamp strip should be > 1cm.



7. Pay attention to waterproof and moisture-proof.