

Note : The pictures in the Product Specification are for reference only, please refer to the actual product.

PRODUCT SPECIFICATION

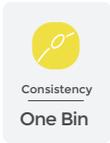
COB LED STRIP

COB TAPE LONG
RUN 30M
20Q480V48-CCx

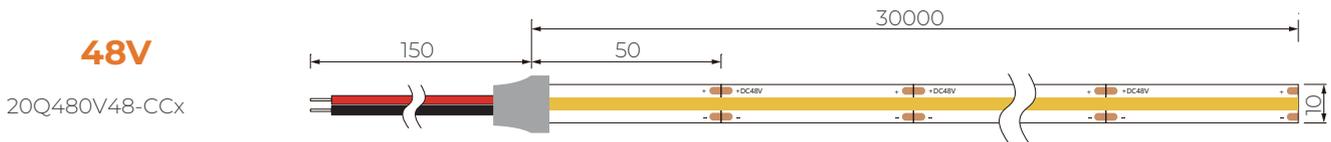


COB TAPE LONG RUN 30M

- No spot, no shadow, soft light.
- SDCM ≤ 3 to ensure color consistency.
- 180° beam angle, dimmable function.
- Higher density of LEDs, resulting in a brighter and more uniform light.



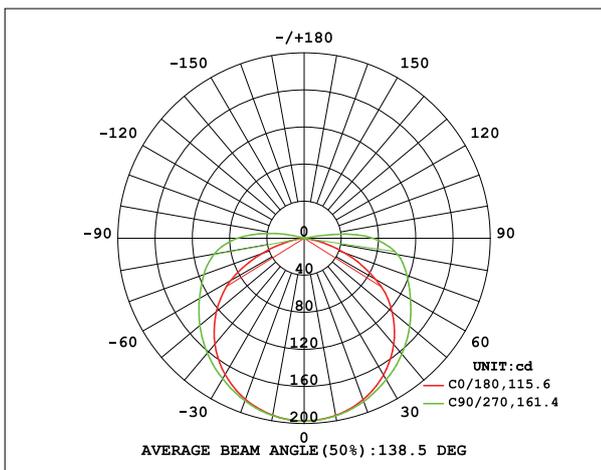
Dimension structure (Unit: mm)



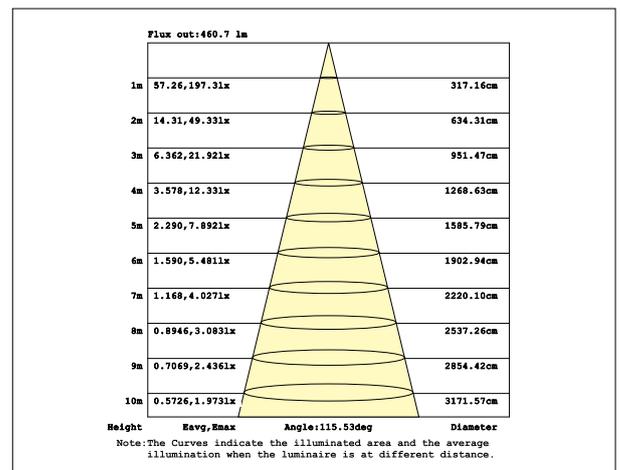
Technical Data	
Input voltage	48V
RA	≥ 90
Beam angle	180°
Warranty	5years

Led Bead Quantity	480LEDs
Working hour	50000h
Working temperature	-25°C ~ +45°C
Cutttable length(MM)	50
PCB Width(MM)	10

Light Distribution Curve



Illuminance curve



Note: The above data is based on 48V, 10W/M, single colour with 4000k colour temperature. If you need IES files for other types. Please contact our sales department.

COB TAPE LONG RUN 30M

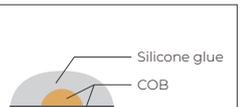
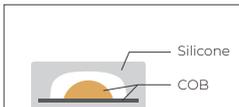
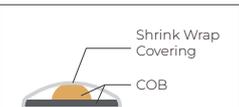
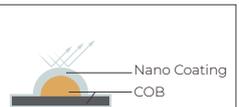
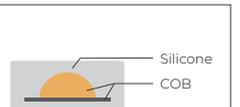
CCT (K)	RA	SDCM	Voltage (V)	Power (W/M)	Lumen (LM/M)	Efficiency (LM/W)	Unit cut (MM)	Max.run length(M)	CV/CC
2700	≥90	<3	DC48V	10	810	81	50	30	CC
3000	≥90	<3	DC48V	10	870	87	50	30	CC
4000	≥90	<3	DC48V	10	910	91	50	30	CC
6500	≥90	<3	DC48V	10	870	87	50	30	CC

- The given color temperature is the temperature of finished product.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- All products can be dimmed; the dimmer's voltage should conform to the rated voltage of the led light. The output frequency of the dimmer of the constant-current led light should be less than 2K Hz, and the output PWM can control the led light.

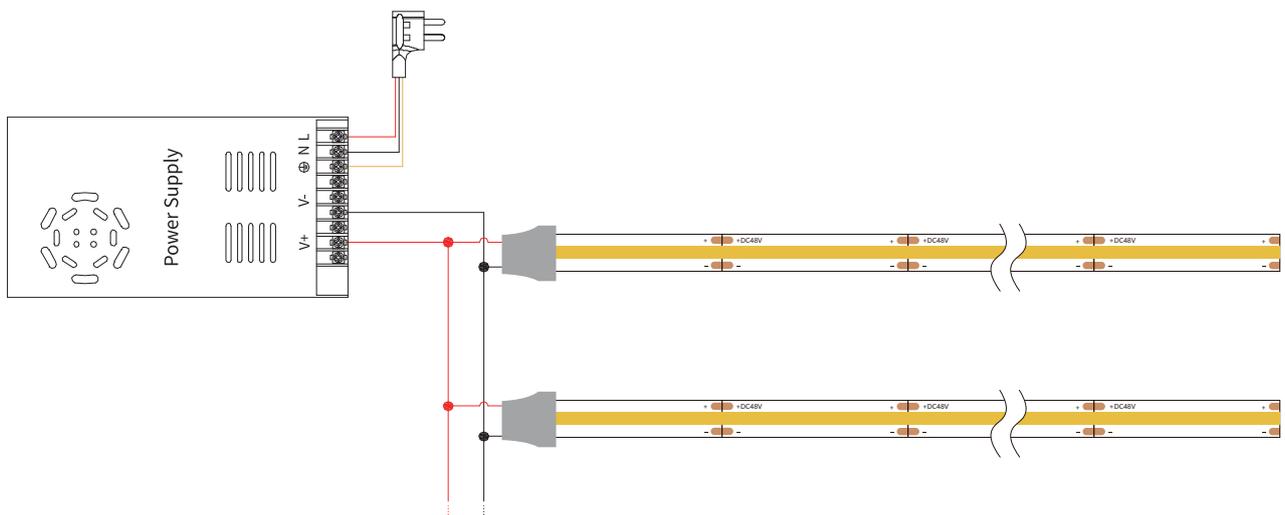
Cable

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		Inner core: 20AWG		Red V+, Black V-

WATERPOOF GRADE OPTIONS

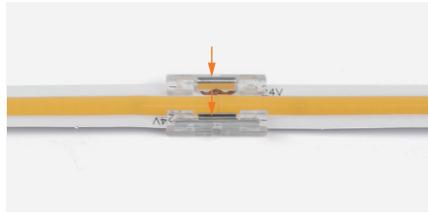
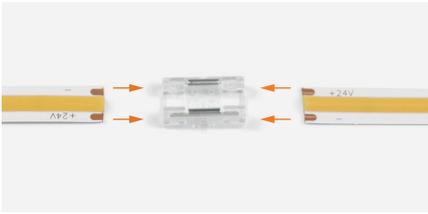
Silicone surface coating	Hollow square co-extrusion	Shrinkable tube	Nano Coating	Solid dome co-extrusion
 <p>IP54</p> <p>Suitable for damp environment</p>	 <p>IP65</p> <p>Suitable for humid environment</p>	 <p>IP65</p> <p>Suitable for humid environment</p>	 <p>IP65</p> <p>Suitable for humid environment</p>	 <p>IP68</p> <p>Suitable for outdoor or poolside environments</p>

Connection Diagram

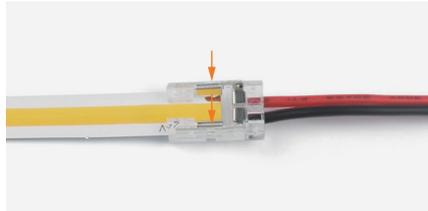


Installation Instructions for Connector (Note:The overcurrent load limit of the connector is 3A.)

Strip to Strip



Strip to Cable

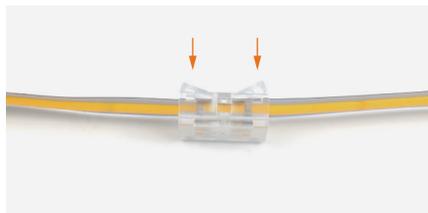
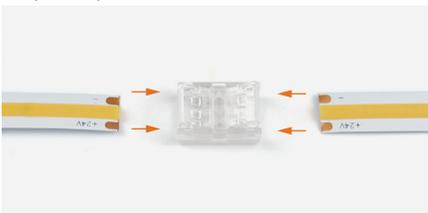


Insert the strip into the connector and make sure the pad of the strip is in full contact with the pin on the connector.

Press down the metal pin on the connector so that the connector pin penetrates and secures the pad of the strip.

Finished product diagram.

Strip to Strip



Strip to Cable

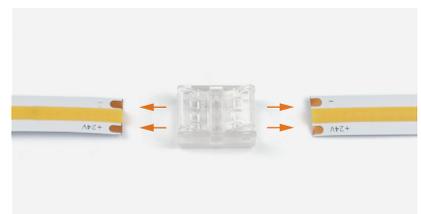
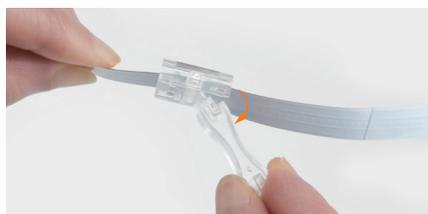


Open the mobile mask on the side of the connector. Insert the strip into the connector and make sure the pad of the strip is in full contact with the pin on the connector.

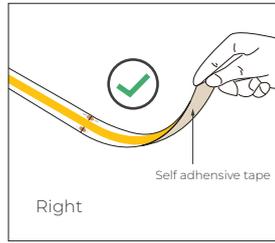
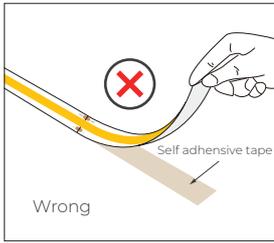
Press the connector's mask back in place so that the connector pin penetrates and secures the pad of the strip.

Finished product diagram.

Instructions for removing connector

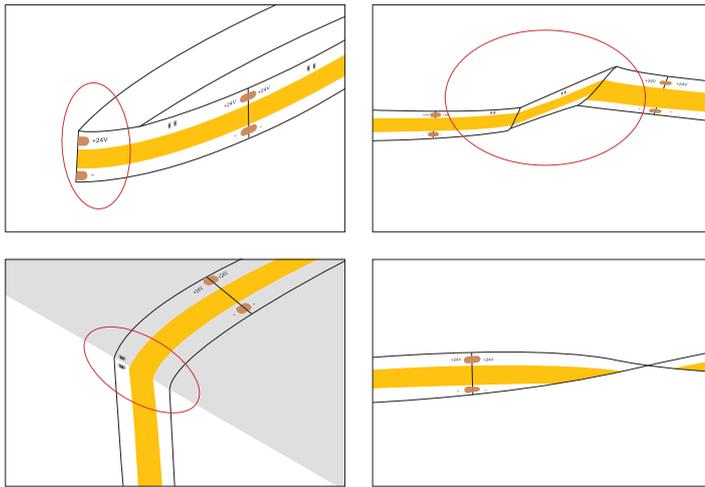


 Cautions

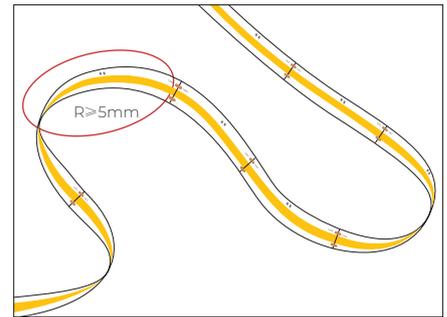


If the led strip needs to be torn up, please make sure that the self adhesive tape is torn with the led strip, otherwise the led strip will be damaged

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.