

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

PRODUCT SPECIFICATION

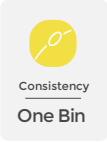
COB LED STRIP

COB TAPE
480 (Colors)



COB TAPE 480 (Colors)

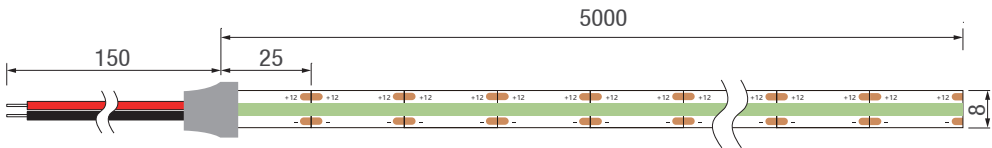
No spot, no shadow, soft light.
180°beam angle, dimmable function.
Higher density of LEDs, resulting in a brighter and more uniform light output.



Dimension structure (Unit: mm)

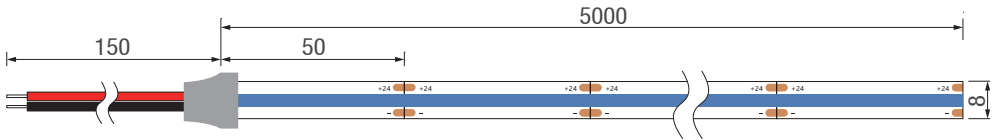
12V

COB-480-12V



24V

COB-480-24V



Technical Data

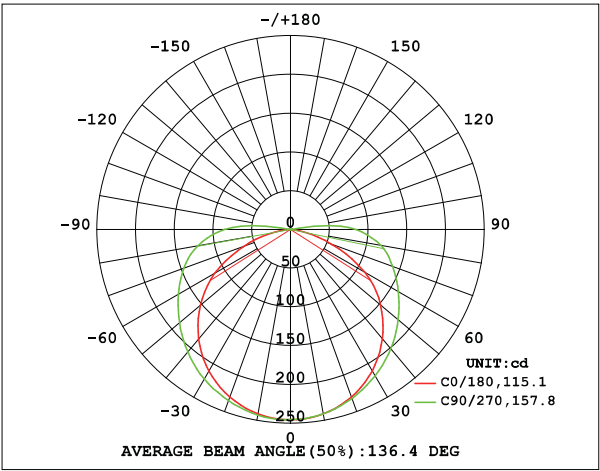
Input voltage	12V/24V
Beam angle	180°
Warranty	5years

Emitted colors

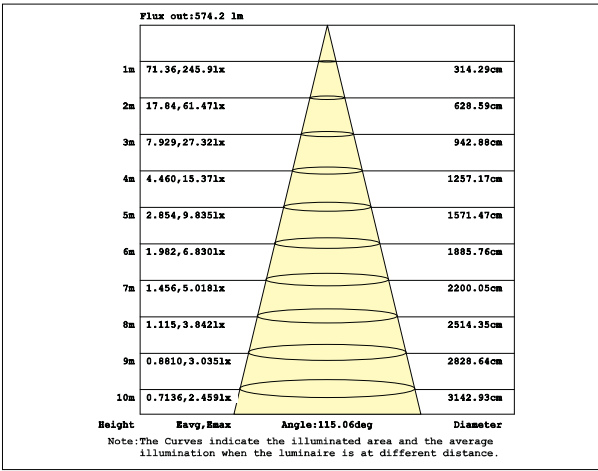
Red/Orange/Yellow/Green/
Marrs Green/Tiffany Blue/
Blue/Purple/Plastic Pink

LEDs / M	480LEDs
Working hour	50000h
Working temperature	-25℃ ~+45℃
Cutable length(MM)	25/50
PCB Width(MM)	8

Light Distribution Curve



Illuminance curve



Note: The above data is based on 24V, 10W/M, Tiffany Blue. If you need IES files for other models, please contact our sales department.

COB-480-12V/24V

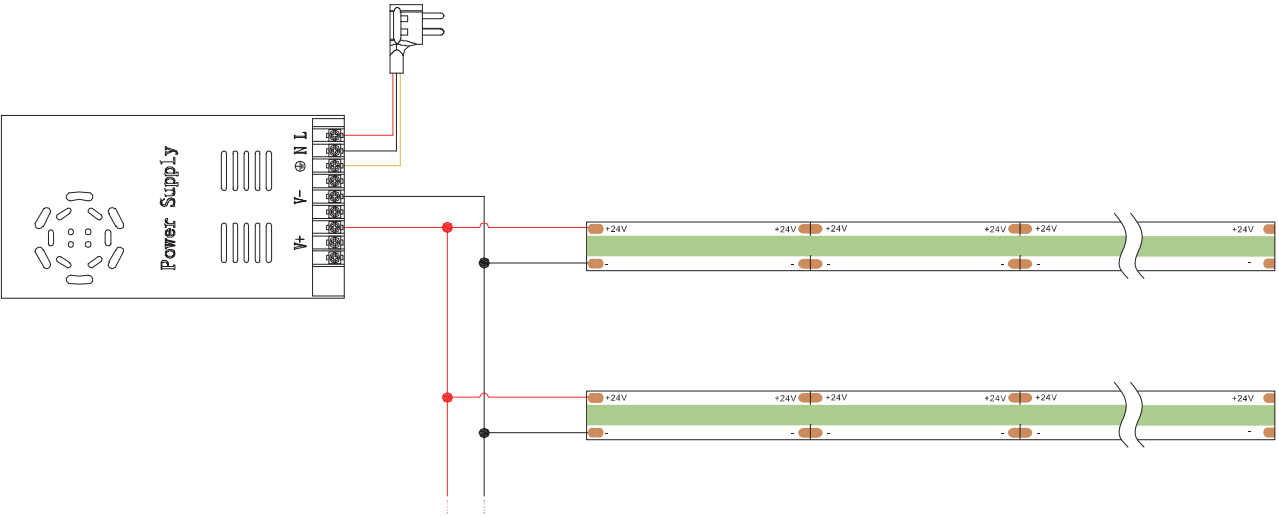
CCT (K)	Wavelength(NM)	SDCM	Power (W/M)	Lumen (LM/M)	Efficiency (LM/W)	Max.run length(M)	CV/CC
Red	620-630	/	5	100	20	5	CV
			10	200	20	5	CV
			15	300	20	5	CV
Orange	595-605	/	5	250	50	5	CV
			10	500	50	5	CV
			15	750	50	5	CV
Yellow	585-595	/	5	455	91	5	CV
			10	910	91	5	CV
			15	1365	91	5	CV
Green	520-530	/	5	600	120	5	CV
			10	1200	120	5	CV
			15	1800	120	5	CV
Marrs Green	495-505	/	5	415	83	5	CV
			10	830	83	5	CV
			15	1245	83	5	CV
Tiffany Blue	485-495	/	5	485	97	5	CV
			10	970	97	5	CV
			15	1455	97	5	CV
Blue	455-465	/	5	105	21	5	CV
			10	210	21	5	CV
			15	315	21	5	CV
Purple	440-450	/	5	150	30	5	CV
			10	300	30	5	CV
			15	450	30	5	CV
Plastic Pink	445-455	/	5	150	30	5	CV
			10	300	30	5	CV
			15	450	30	5	CV

- 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-

Connection Diagram

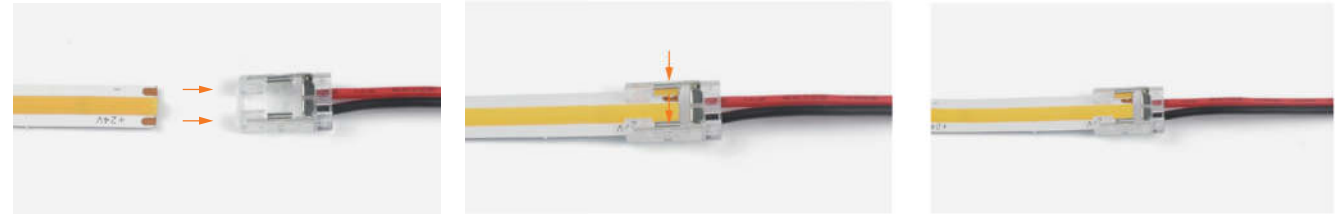


Installation Instructions for Connector (Note:The overcurrent load limit of the connector is 3A.)

Strip to Strip



Strip to Cable

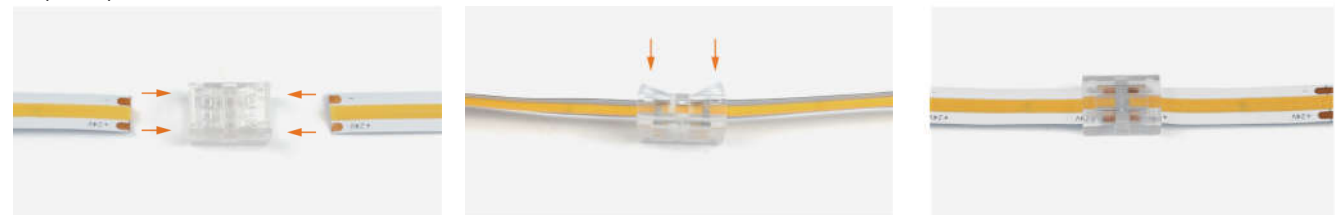


Insert the strip into the connector and make sure the pad of the strip is in full contact with the pin on the connector.

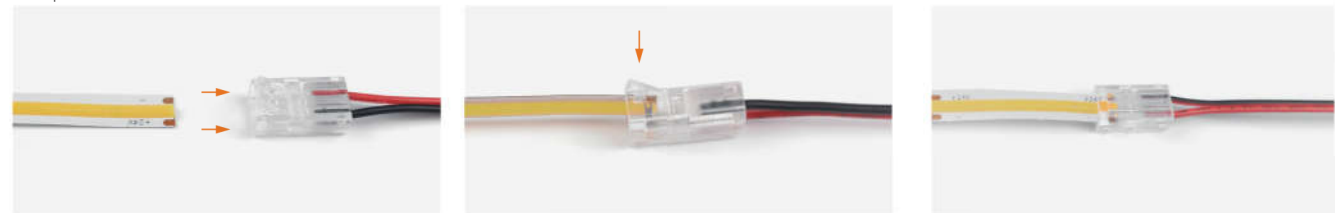
Press down the metal pin on the connector so that the connector pin penetrates and secures the pad of the strip.

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.

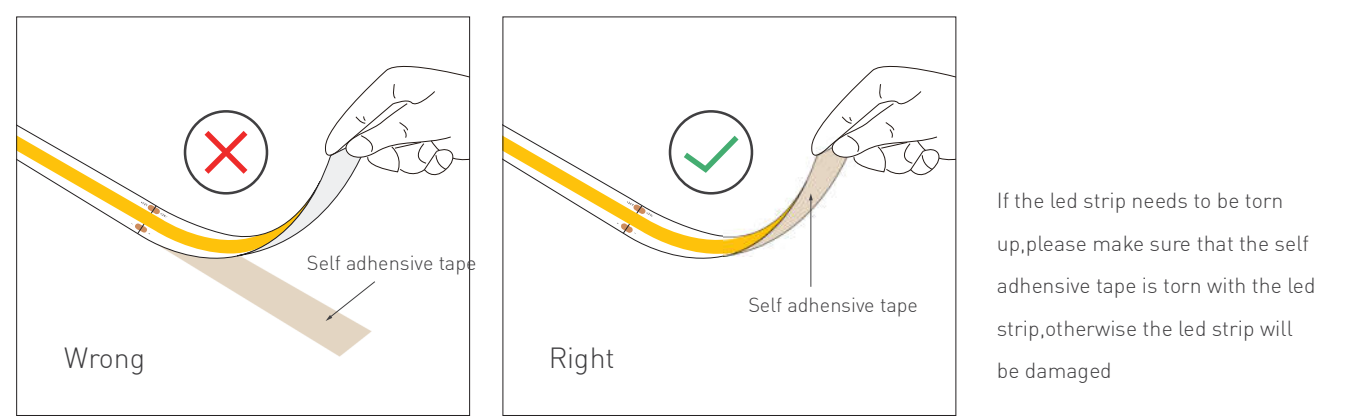
Press the connector's mask back in place so that the connector pin penetrates and secures the pad of the strip.

Finished product diagram.

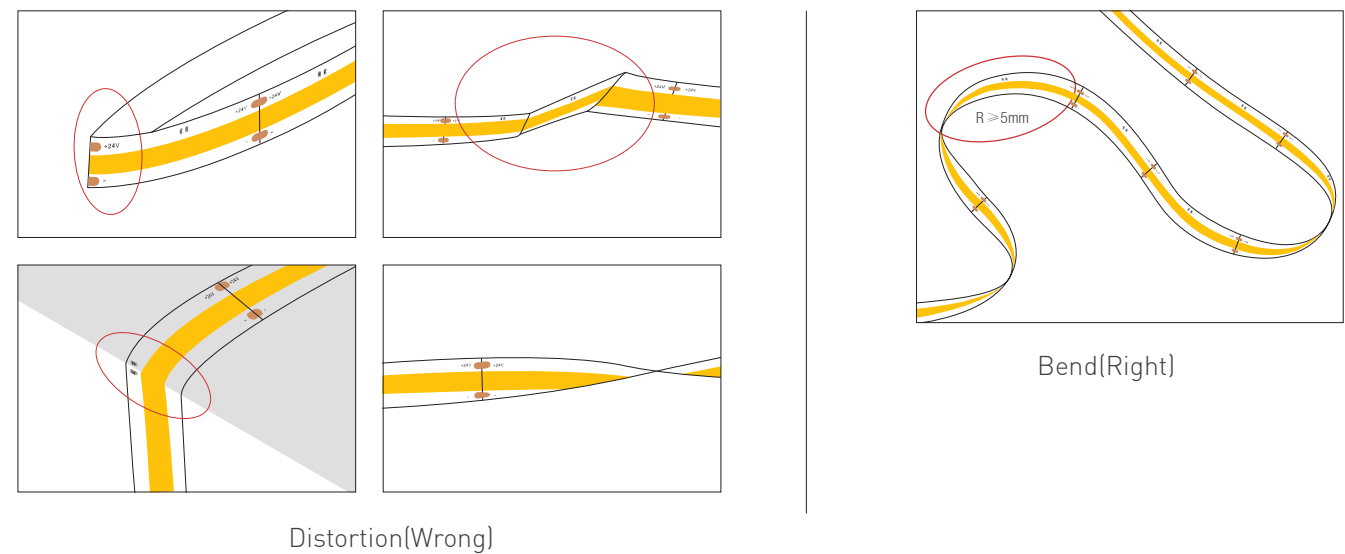
Instructions for removing connector



 Cautions



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



-  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.