

Model : SQ480LC1-24V

COB LED STRIP

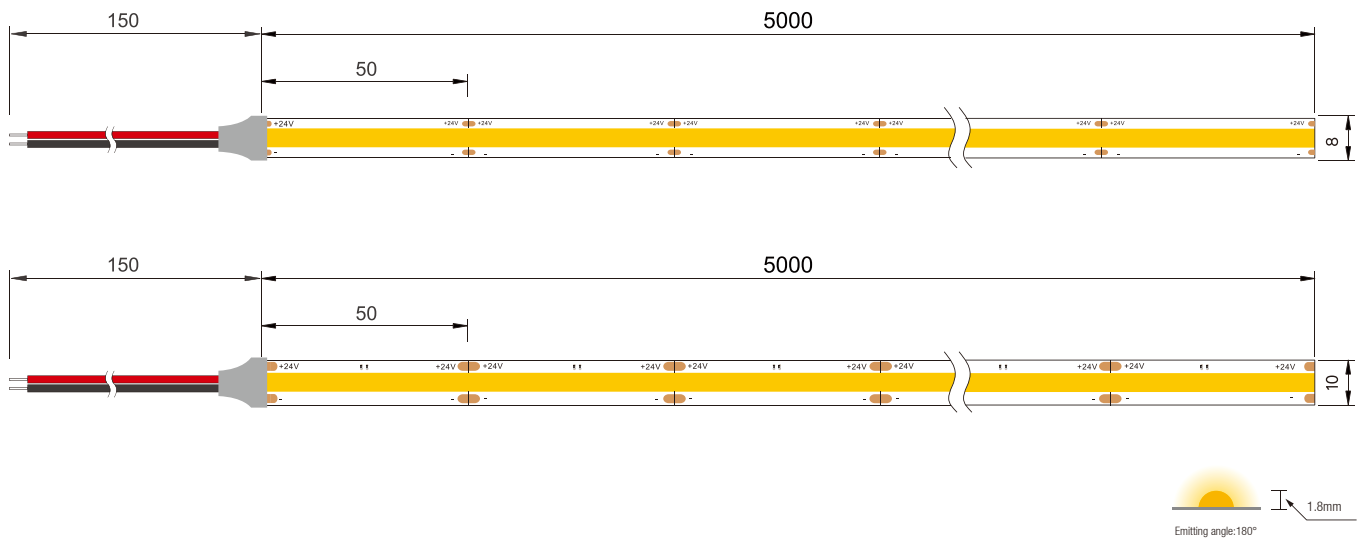


Product Features

1. No spot, no shadow, soft light.
2. The antistatic grade (MIL – STD – 883 – e) : HBM level 2 (2000 ~ 4000 v)
3. The largest emitting angle can reach to 180°
4. Can be cut, and be free to cut off and weld along with the above cutting line.



Structure & Parameter



PARAMETER

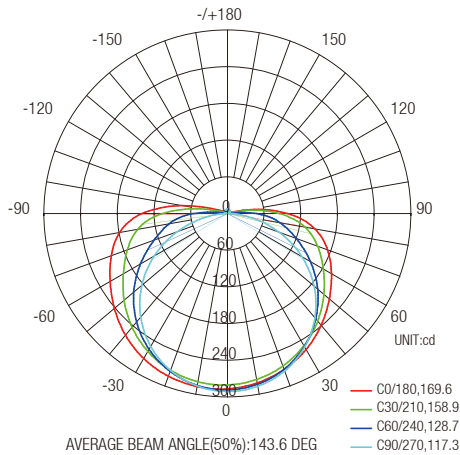
Model No.	SQ480LC1	SMD Type	COB
Input voltage	24V	Working hour	50000h
CRI(Ra)	>90	Working temperature	-25 C ~+45 C
Bram angle	180°	Cuttable length(mm)	50
LEDs /m	480LEDs	PCB Width(mm)	8/10

SHENZHEN LINGBENYANG IND. CO., LTD.

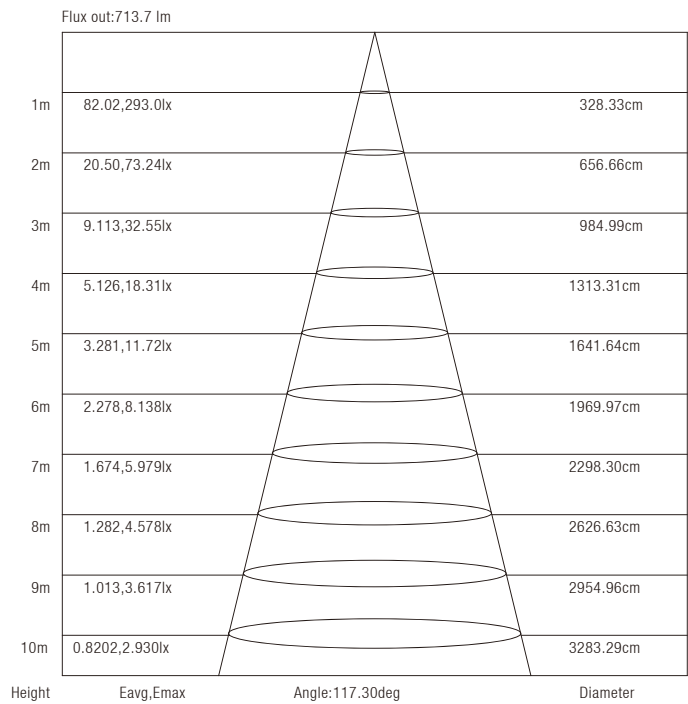
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CCT	5W/m		11W/m		15W/m	
	Lumen (LM/m)	Efficacy (LM/w)	Lumen (LM/m)	Efficacy (LM/w)	Lumen (LM/m)	Efficacy (LM/w)
2700K±100K	481.9	96.38	957.3	95.73	1418	94.53
3000K±150K	519.1	103.82	1029	102.9	1527	101.8
4000K±250K	575	115	1138	113.8	1690	112.67
6500K±500K	560.7	112.4	1124	112.14	1672	111.46

Light Distribution Curve



Lux-Distance Curve



Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

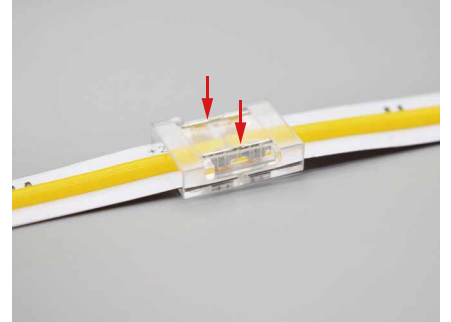
Product connections



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.

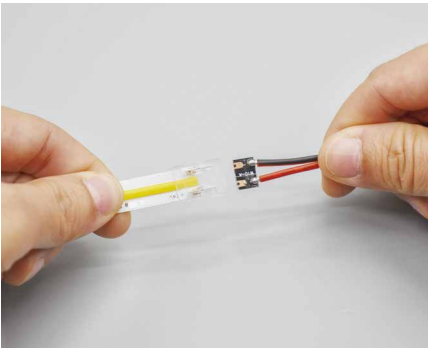


After complete the insert, also make sure both ends of led strip are tightly connected



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



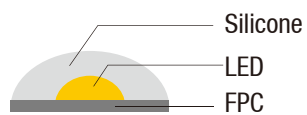
Meanwhile make sure both ends are closely connected, Press the metal clip down with the appropriate force using pliers to ensure that the metal clip is inserted into the appropriate position ,and connection completed.

Waterproof

Gel coating



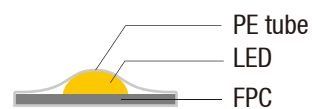
IP65



Heat shrinkable tube



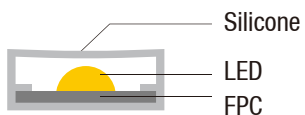
IP65



Silicone tube



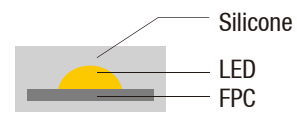
IP67



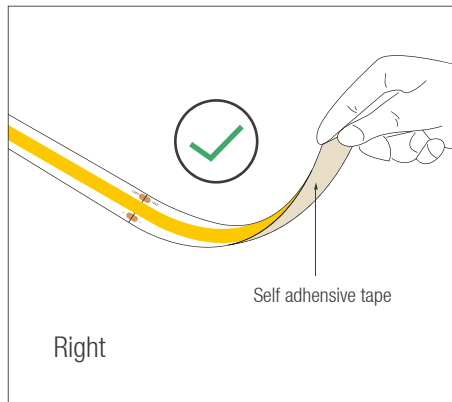
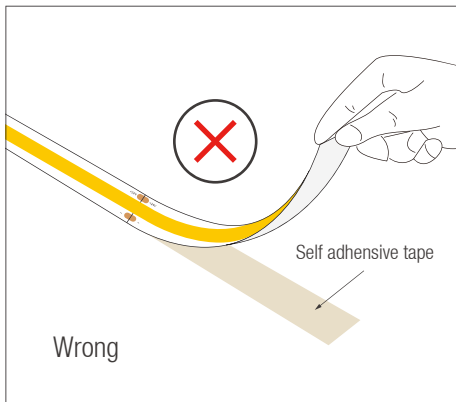
Extrusion filling



IP68

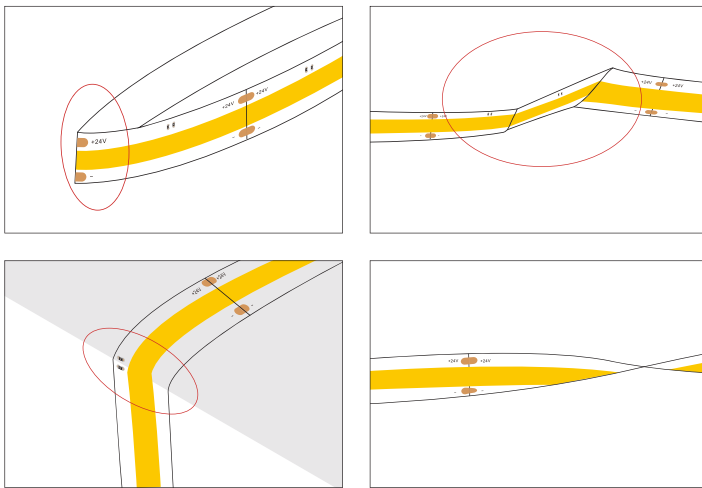


 **Cautions**

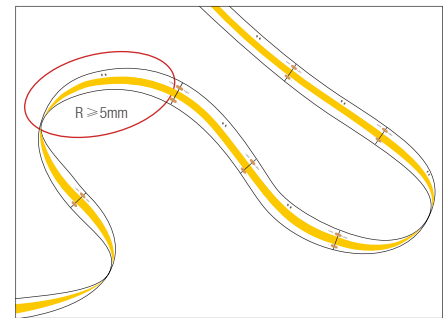


If the led strip needs to be torn up, please make sure that the self adhesive tape is torn with the led strip, otherwise the led strip will be damaged


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




Distortion(Wrong)

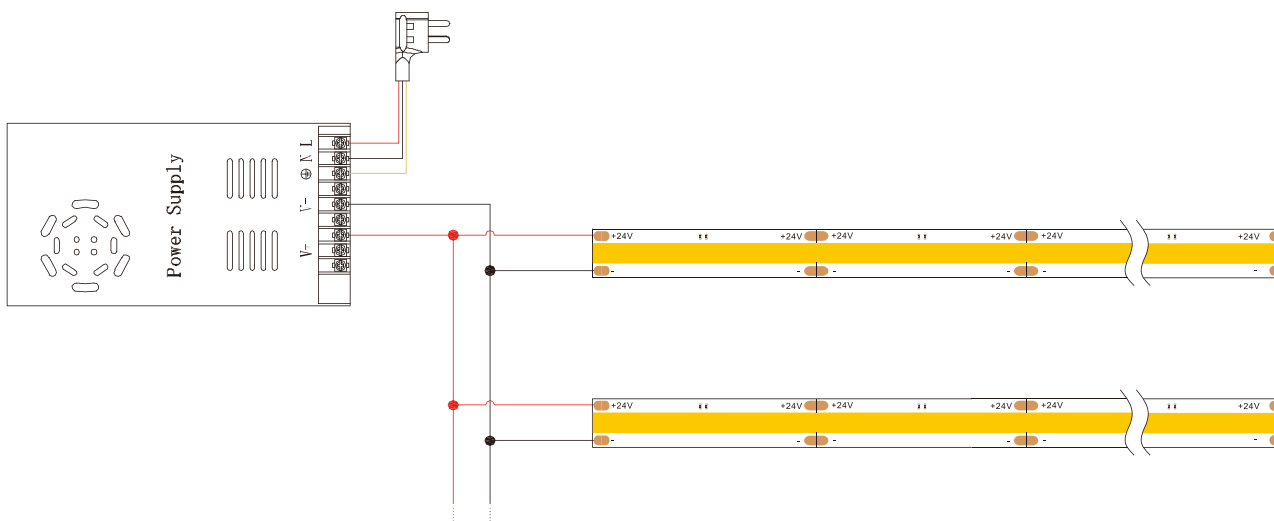


Bend(Right)

 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.

Wiring Diagram



Package

