

TRONIX

LED STRIP SPECIFICATION

480 Chips/m Flexible COB LED Strip





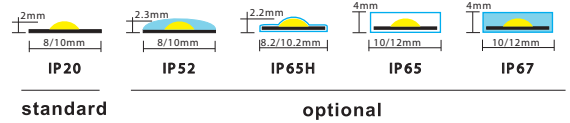
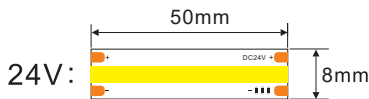
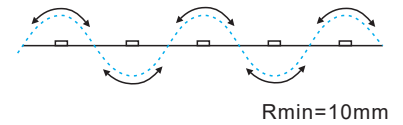
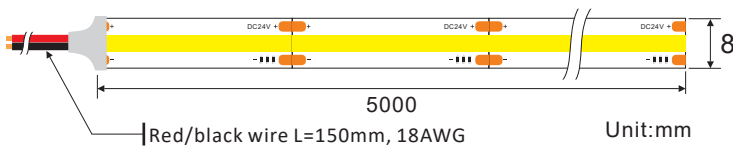
Description

24V, flexible COB LED strip (Step length: 50mm) 15W/m with 3M adhesive tape on the back for easy installation.

Regular CCT: 2700K, 3000K, 4000K, 6500K, other customized CCT such as 2200K, 2400K, 3500K, 5000K are available. 180° beam angle. Very good color reproduction with CRI>90.



Dimensions & IP



Product Specification

Dimension	5000x8x2mm
Chip Type	COB
Chips/m	480pcs
Step LEDs	24pcs
Step Length	50mm

Voltage(V)	DC24V
Power(W/m)	15W
PCB Width	8mm
Beam Angle	180°
Operation Temperature	-20°C~50°C

Product Photometrics (Data base on IP20 CRI>90)

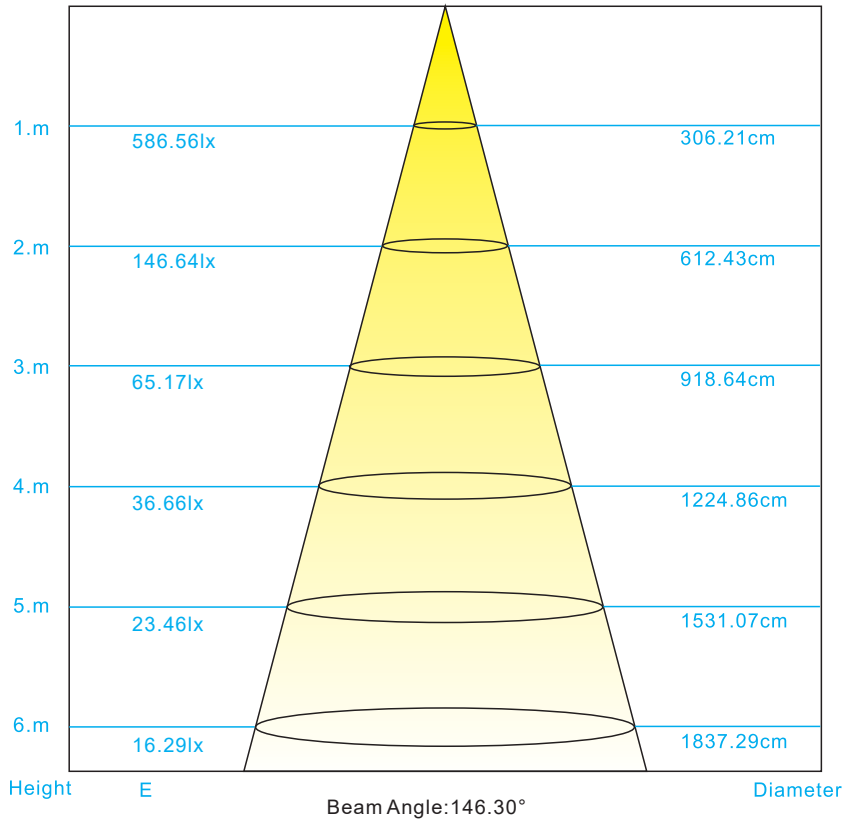
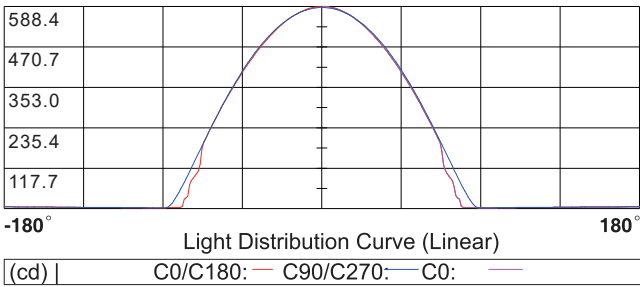
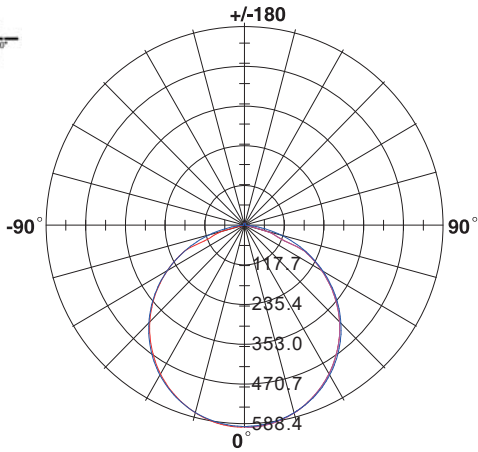
Part Number	CCT (K)	(15w/m)	
		Lumen (lm/m)	Efficacy (lm/w)
▶ 127-163	2700±100K	1418	94.53
▶ 127-162	3000±150K	1527	101.80
▶ 127-161	4000±250K	1690	112.67
▶ 127-160	6500±500K	1672	111.46

Light Distribution Curve

[Data base on 1m 15W IP20 6500K CRI>90,

Unit:cd]

Luminaire



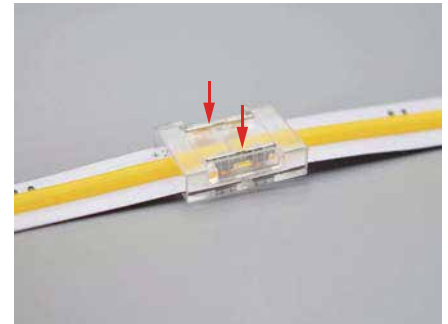
Splice Connector 127-439 (IP20)



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.

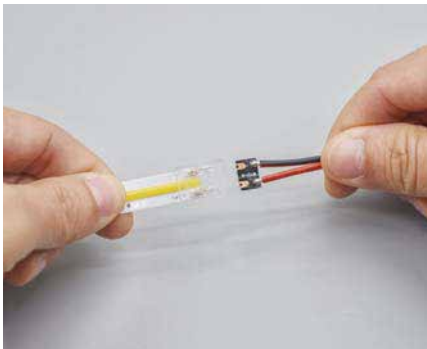


After complete the insert, also make sure both ends of led strip are tightly connected



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.

Power Connector 127-438 (IP20)

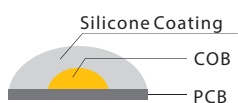


Insert one end of led strip and wire connector into both ends of the connection terminal respectively to ensure that the metal clip is on the same side as the metal solder pad of led strip

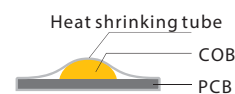


Meanwhile make sure both ends are closely connected, Press the metal clip down with the appropriate force using pliers to ensure that the metal clip is inserted into the appropriate position, and connection completed.

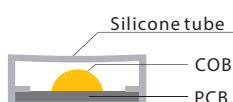
IP Grade (optional)



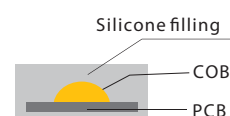
IP52



IP65H



IP65



IP67

Precautions for use

1. To protect the LED light strip, do not hit the light-emitting area with hard things.
2. After unpacking, please use in 24H to avoid the oxidation effect of solder joints.
3. Avoid direct contact with high temperature objects in the light-emitting area of the lamp, and the instantaneous contact temperature of the surface of the light-emitting area should be less than 210 °C.
4. The soldering iron temperature should be less than 300° during soldering, and the soldering time of single solder should be controlled within 3s.
5. It is strictly forbidden to twist the lamp with short distance. The single lamp strip (0.5 m) has a maximum twist angle of 7 20°.



6. The bend diameter at any position needs to be greater than 1cm.

