



## LED STRIP SPECIFICATION

8mm PCB 480 LEDs/m Flexible CSP LED Strip



Note: LEDYI may change product specifications and installation guidance without prior notice.

# 8mm PCB 480 LEDs/m Flexible CSP LED Strip



Part Number: LY480-CSP **W30** -W24-8MM-10W-**IP20** → IP20/IP65CS

→ W27/W30/W40/W60

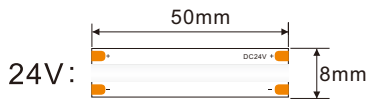
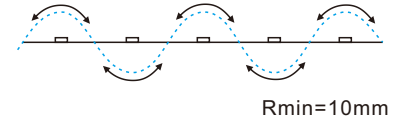
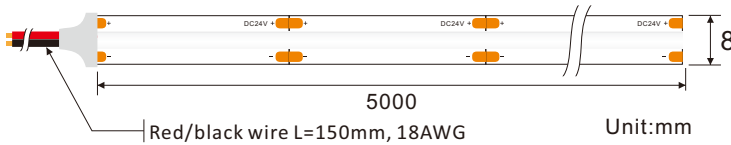


## Description

24V, flexible CSP LED strip (Step length: 24V=50mm)  
 10W, with 3M adhesive tape on the back for easy installed.  
 Regular CCT: 2700K, 3000K, 4000K, 6000K, other customized CCT are available.  
 180° beam angle. Very good color reproduction with CRI>90.



## Dimensions & Waterproof



## Product Specification

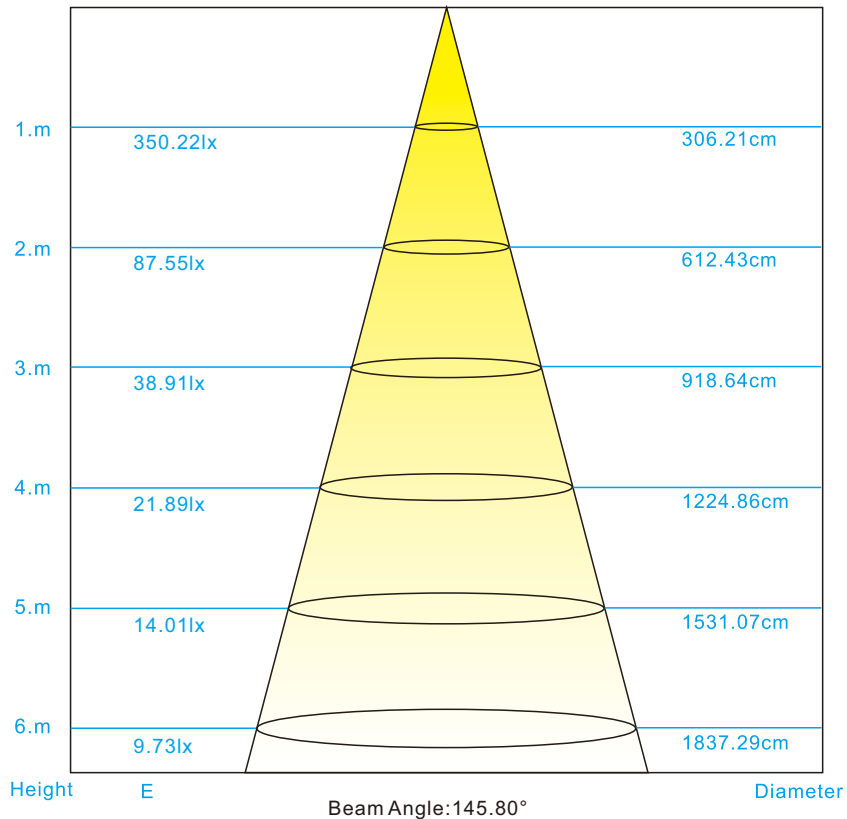
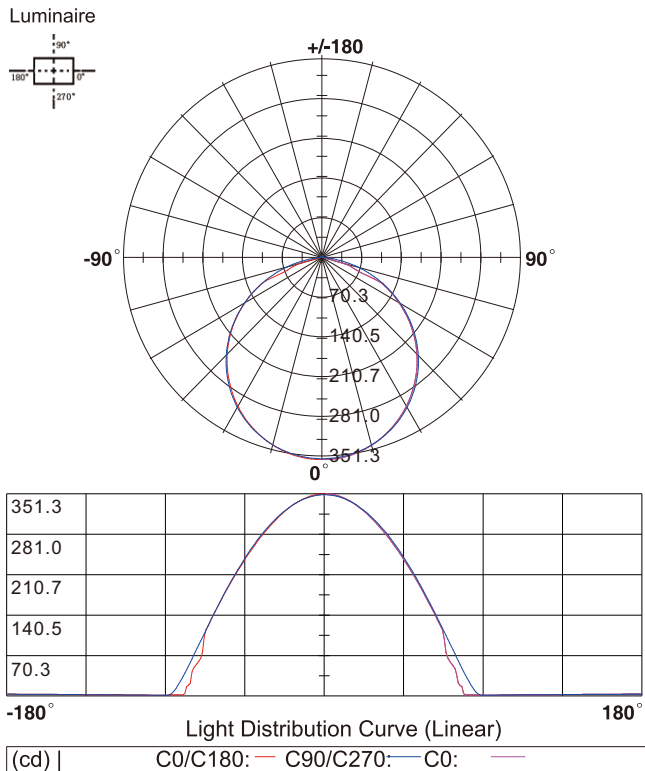
Dimension	5000x8x2mm
Chip Type	CSP
Chips/m	480pcs
Step LEDs	24pcs
Step Length	50mm

Voltage(V)	DC24V
Power(W/m)	10W
CRI	>90
Beam Angle	180°
Operation Temperature	-20°C~45°C

## Product Photometrics (Data base on IP20 CRI>90)

CCT (K)	Lumen (lm/m)	Efficacy (lm/w)	CRI (>90)	R9	Rf (Fidelity)	Rg (Gamut)
▶ 2700±100K	955.1	95.51	90.8	46	88	94
▶ 3000±100K	975.5	97.55	90.9	48	88	98
▶ 4000±200K	986.1	98.61	91.8	56	87	96
▶ 6000±400K	998.3	99.83	93.4	77	89	97

## Light Distribution Curve [Data base on 1m 10W IP20 6000K CRI>90, Unit:cd]



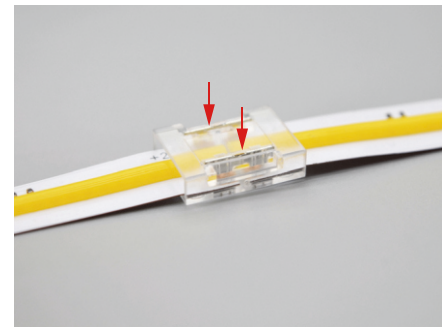
## Connector Connection (IP20)



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.

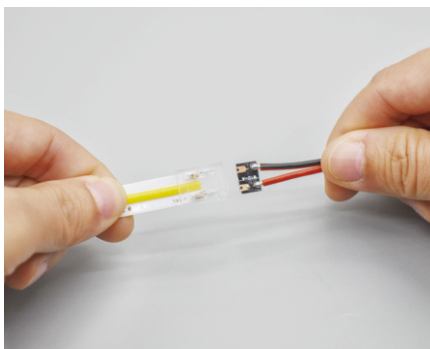


After complete the insert, also make sure both ends of led strip are tightly connected



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.

## Cable Connection (IP20)

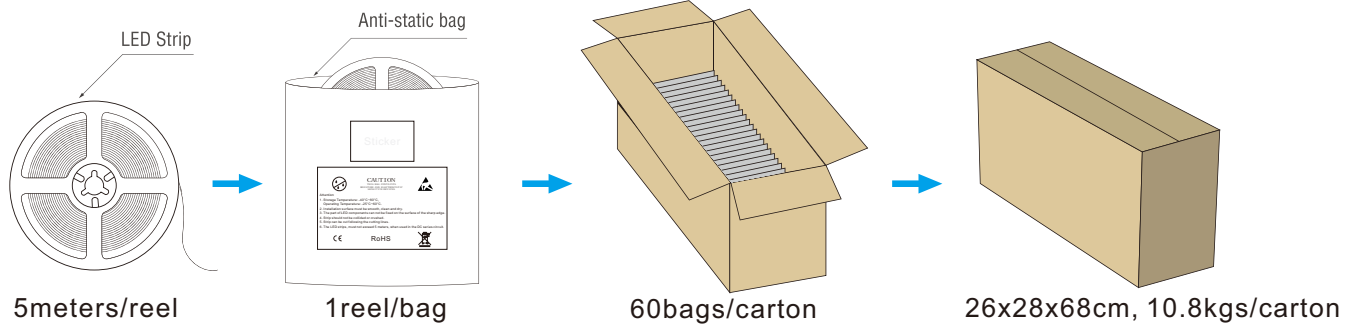


Insert one end of led strip and wire connector into both ends of the connection terminal respectively to ensure that the metal clip is on the same side as the metal solder pad of led strip



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.

## Packing Information (Data base on IP20)



## 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 720°.



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

