



LED STRIP SPECIFICATION

8mm 400 chips/m mini Cut flexible LED COB Strip



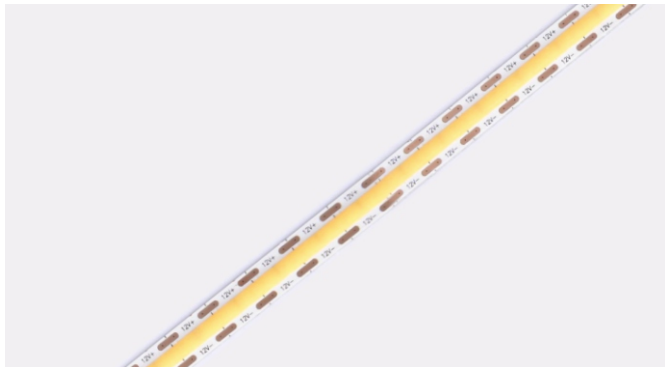
Note: Lumiwise may change product specifications and installation guidance without prior notice.

8mm 400 chips/m mini Cut flexible LED COB Strip



Part Number: COB40012V8MM30KIP2010W

8MM
IP20/IP65/IP67/IP68
12V/24V DC
27K/30K/40K/65K
10W

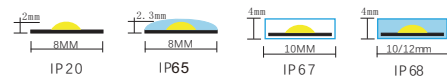
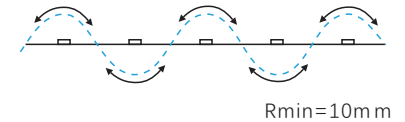
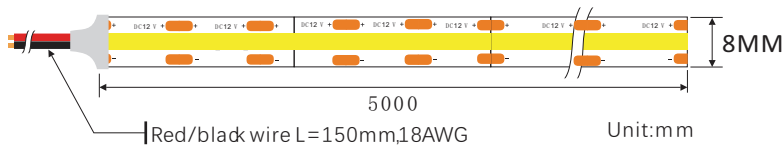


Description

- 12V/24V DC, flexible COB LED strip, mini cut 12VDC /10MM ,24VDC/20MM
- COB Design, with more chips on PCB, more even light.
- Flexible PCB 8mm only
- Double layer 2oz PCB, balancing voltage drop, heat dissipation and flexibility.
- To achieve uniform light in a low profile can be difficult, but this is where the COB Strip comes in.
- High efficiency 100-115lm/W, CRI RA 90



Dimensions & Waterproof



Product Specification

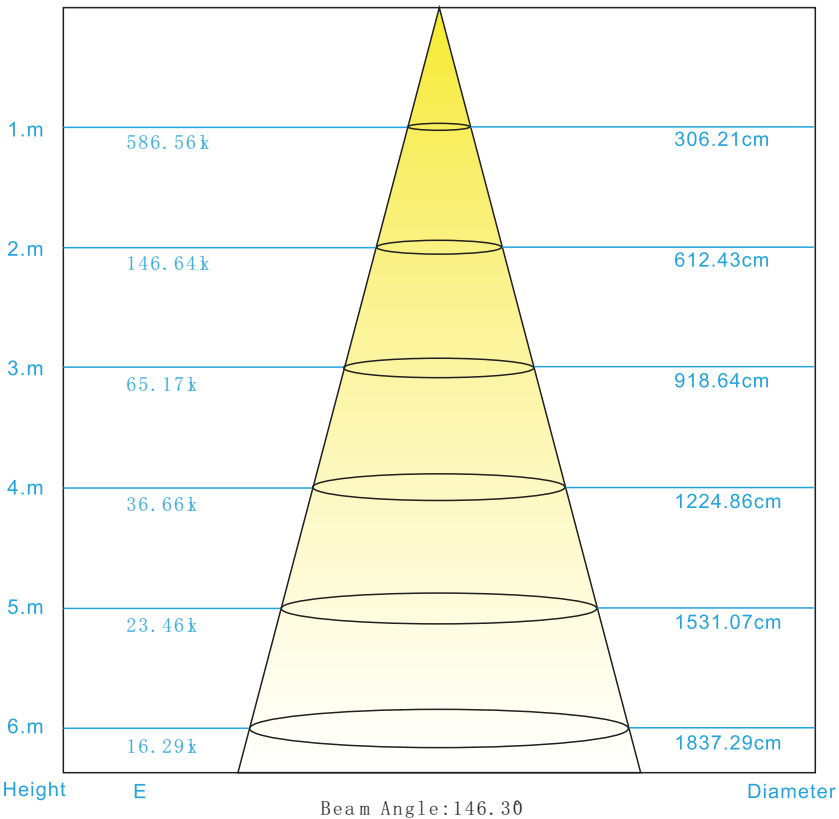
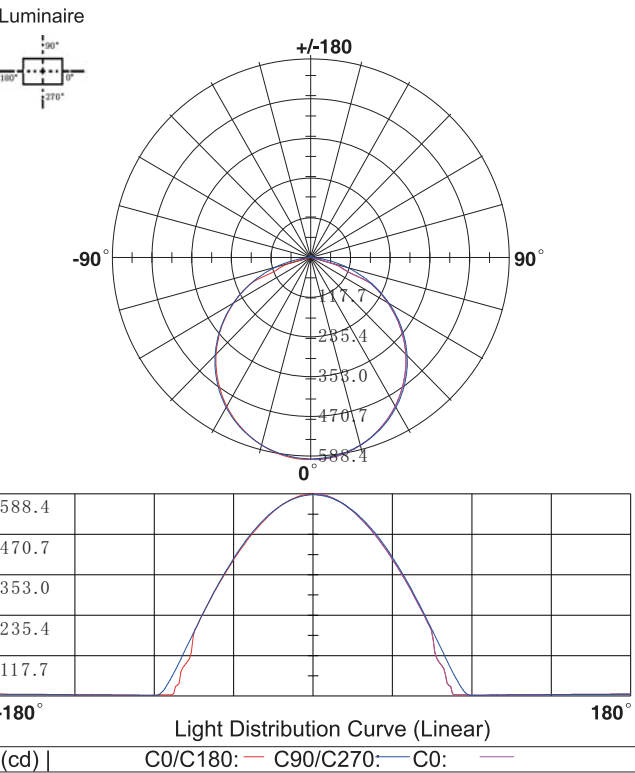
Dimension	5000x8x2mm
Chip Type	COB
Chips/m	400pcs
Step LED s	12pcs(12V) / 24pcs(24V)
Step Length	10mm(12V) / 20mm(24V)

Voltage(V)	DC12 V / DC24 V
Power(W/m)	10W
PC B Width	8mm
Bea m Angle	180°
Operation Temperature	-20°C~50° C

Product Photometrics (Data base on IP20 CRI>90)

CCT (K)	Lumen (lm/m)	Efficacy (lm/w)	CRI	R9	TM-30-15	
					Rf (Fidelity)	g (Gamut)
2700±100	986.70	98.67	93.33	62.26	90.55	99.88
3000±100	1026.6	104.7	92.25	64.51	92.36	100.39
4000±200	1130.32	113.32	91.93	65.28	94.55	101.19
6500±300	1118.56	118.56	91.62	66.88	93.98	101.28

Light Distribution Curve [Data base on 1m10WP20 6500K CRI>90 Unit:cd]



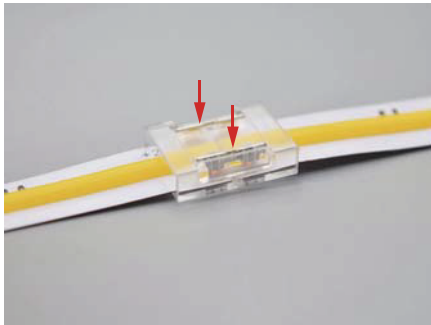
Connector Connection (IP20)



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.

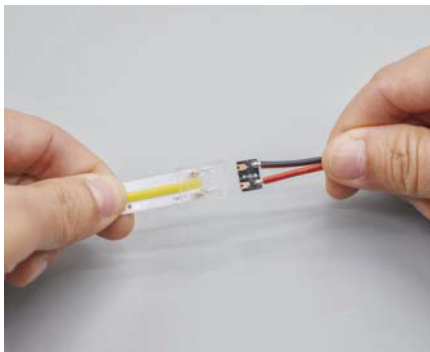


After complete the insert, also make sure both ends of led strip are tightly connected



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

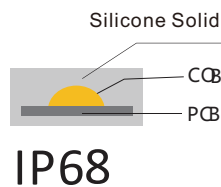
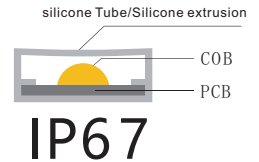
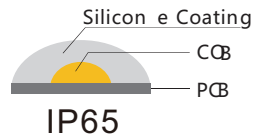


Meanwhile make sure both ends are closely connected, Press the metal clip down with the appropriate force using pliers to ensure that the metal clip is inserted into the appropriate position, and connection completed.

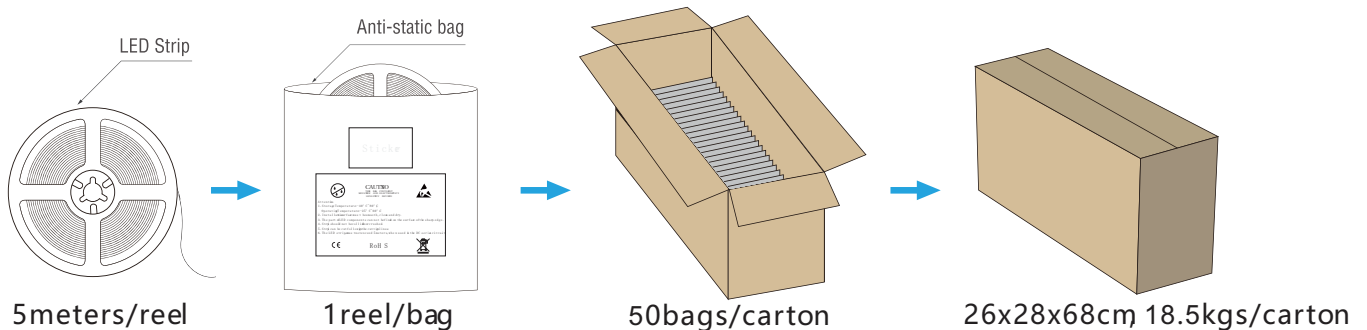
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IP Protection



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.

