

LED STRIP SPECIFICATION

8/10MM 480 CHIPS/M COB STRIP PRO VERSION

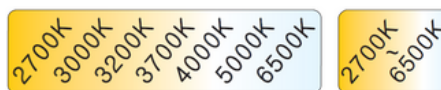


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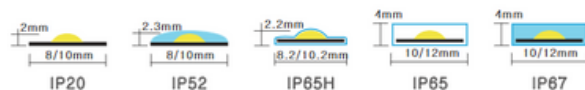
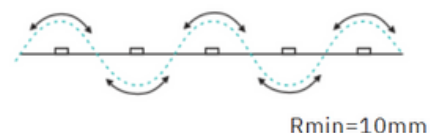
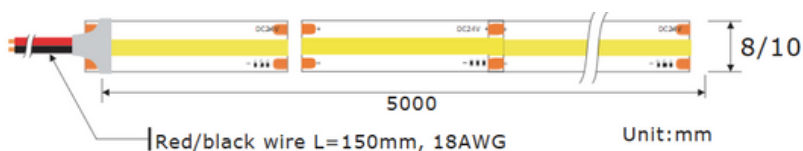
Our 12v/24v flexible COB LED strips offer seamless, dot-free lighting with step lengths of 25mm (12v) or 50mm (24v). Choose from 5w, 10w, or 15w options, easily installed with 3m adhesive. Standard CCTs (2700K-6500K) are available, with custom CCTs (2200K, 2400K, 3500K, 5000K) and no MOQ. Enjoy a wide 180° beam angle and excellent color reproduction with CRI > 90.



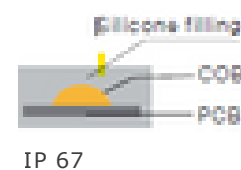
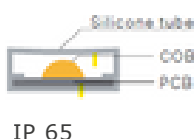
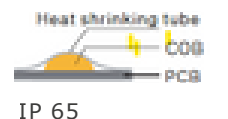
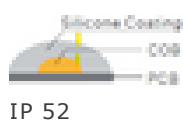
Not Suitable for Underwater Applications



DIMENSIONS & WATERPROOFING



IP GRADE



PRODUCT SPECIFICATION

Dimension (L x W x H) mm	5000 x 8/10 x 15	Voltage (V)	DC12V / DC24V
Chip Type	COB	Power (W/M)	5w/m, 10w/m, 15w/m
Chips/m	480 pcs	PCB Width	8mm / 10mm
Step LEDs	2pcs (12v) / 24pcs (24v)	Beam Angle	180°
Step Length	25mm(12v) / 50mm (24 v)	Operating Temperature	-20°C~50°C
CRI	>90	MacAdam	3 Step

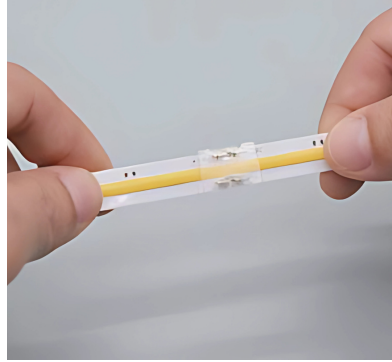
WHITE COLOR PARAMETERS(Data Base on IP20 CRI>90)

Part Number	CCT	Low power (5w/m)		Medium power (10w/m)		High power (15w/m)	
	(K)	Lumen (lm/m)	Efficacy (lm/w)	Lumen (lm/m)	Efficacy (lm/w)	Lumen (lm/m)	Efficacy (lm/w)
ALI480-COBW27-W24-8MM	2700±100K	481.9	96.38	957.3	95.73	1418	94.53
ALI480-COBW30-W24-8MM	3000±150K	519.1	103.82	1029	102.9	1527	101.8
ALI480-COBW40-W24-8MM	4000±250K	575	115	1138	113.8	1690	112.67
ALI480-COBW65-W24-8MM	6500±500K	560.7	112.4	1124	112.14	1672	111.46

CONNECTOR CONNECTION



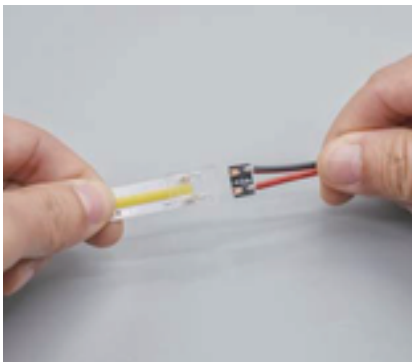
Insert each ends of led strips into the end of connection terminal respectively, make sure the metal clip is on the same side as the metal solder pad of led strip.



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.



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.

PRECAUTIONS FOR USE

- After unpacking, please use in 24H to avoid the oxidation effect of solder joints.
- 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.
- To protect the LED light strip, do not hit the light-emitting area with hard things.
- The soldering iron temperature should be less than 300° during soldering, and the soldering time of single solder should be controlled within 3s.
- 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°.



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

