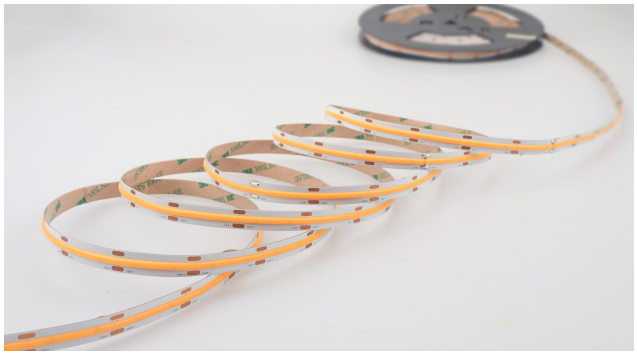
LED STRIP SPECIFICATION

48V COB LED Strip 15M Long Run

CE RoHS

48V COB LED Strip 15M Long Run

Part Number: MON480-COBW27-W48-IP20 → IP20/IP52/IP65/IP67C/IP67
W27/W30/W40/W65

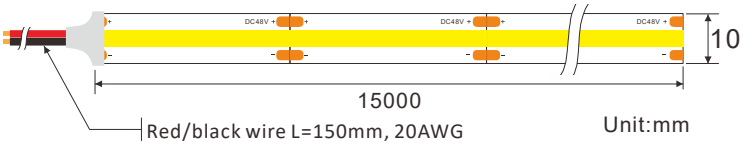


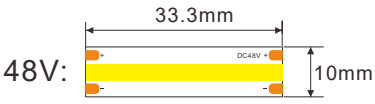
Description

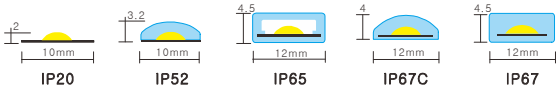
48V, flexible COB LED strip, 10mm 3OZ PCB, 15M long run, with 3M adhesive tape on the back for easy installed.
Regular CCT: 2700K, 3000K, 4000K, 6500K, other customized CCT such as 2200K, 2400K, 3500K, 5000K are available and NO MOQ limited. 180° beam angle. Very good color reproduction with CRI>90.

CE RoHS 3~5 Y Warranty

Dimensions & Waterproof







Product Specification

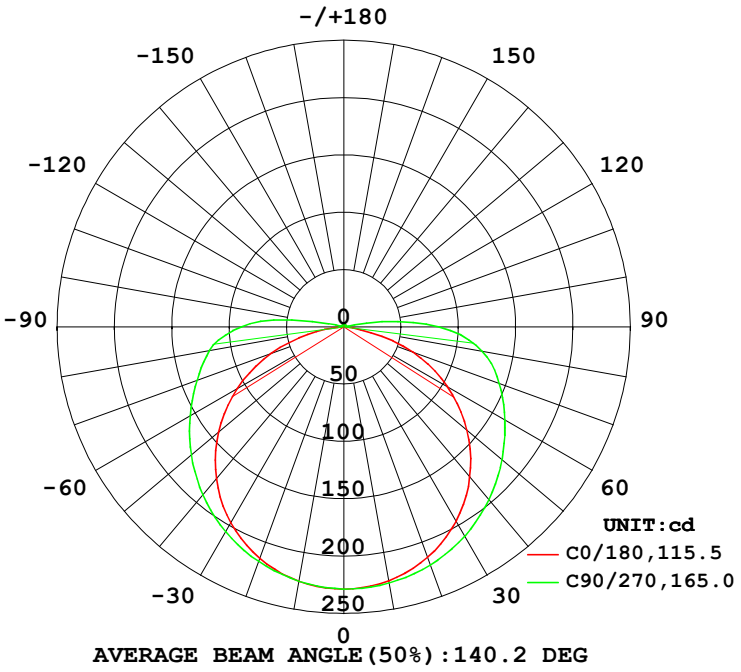
Dimension	15000x10x2mm
Chip Type	COB
Chips/m	480pcs
Step LEDs	16pcs
Step Length	33.3mm

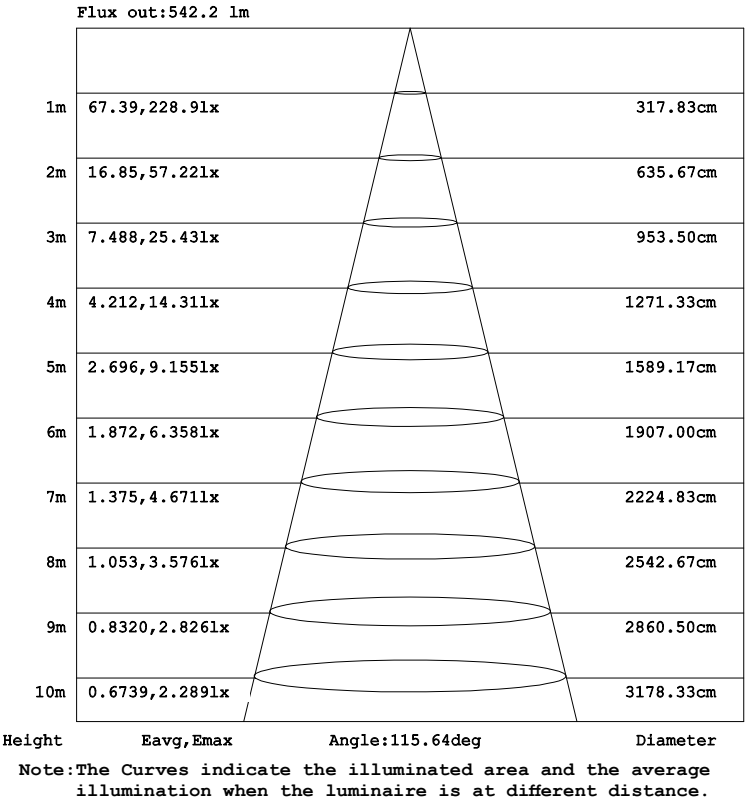
Voltage(V)	DC48V
Power(W/m)	10W(1m)/122W(15m)
PCB Width	10mm(3oz)
Beam Angle	180°
Operation Temperature	-20°C~50°C

Product Photometrics (Data base on IP20 CRI>90)

Part Number	CCT (K)	Lumen (lm/m)	Efficacy (lm/w)	CRI	R9	Rf (Fidelity)	Rg (Gamut)
LY480-COBW27-W48	2700±100K	830.60	83.06	91	47	91	98
LY480-COBW30-W48	3000±150K	928.90	92.89	91	49	91	99
LY480-COBW40-W48	4000±250K	1049.00	104.90	93	62	90	97
LY480-COBW65-W48	6500±500K	953.70	95.37	92	63	91	98

Light Distribution [Data base on 1m 10W IP20 2700K CRI>90]





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

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.