CZINELIGHT®

COB LED Strip Specification

CZ-24-08-560-13-XX

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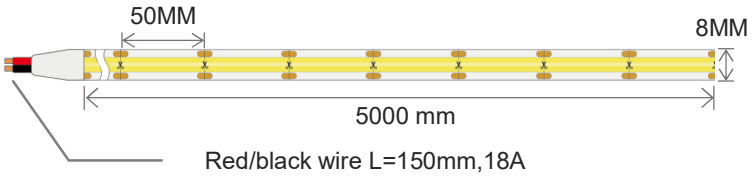
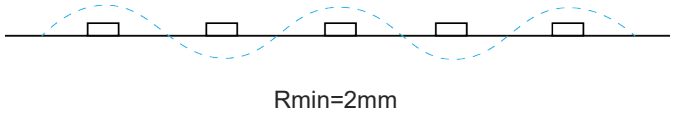
Description

This product is a high-density DC24V COB flexible light strip with 560 emitting chips per meter. It adopts an on-board integrated packaging process, ensuring uniform light distribution without dark areas and providing soft illumination. With low-voltage power supply for safe and reliable operation, the flexible substrate allows bending and cutting, offering strong adaptability in design. It is widely used in residential, commercial, and outdoor landscape lighting applications.

Dimensions & Waterproof





Product Specification

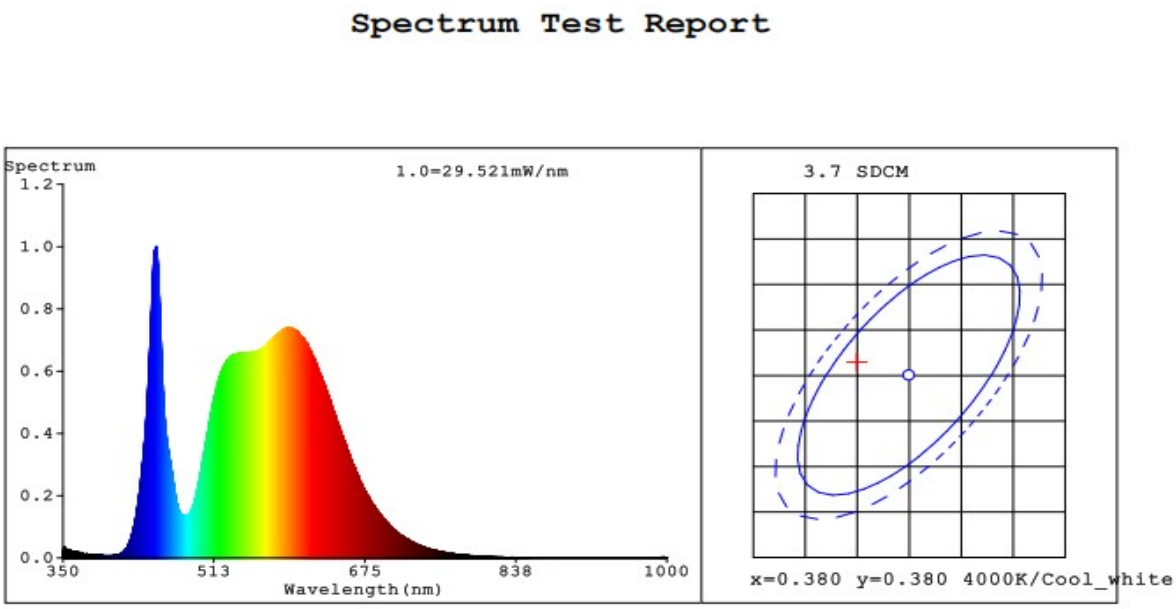
Dimension	5000*8*2.0 MM
Chip Type	Sanan
Chips/m	560
lumens	1235-1365 Lm
Step Length	50 MM
Color Rendering Index	⩾80

Voltage(V)	DC 24 V
Power(W/m)	13 W/M
PCB Width	8 MM
Beam Angle	160°
Operation Temperature	-20°C~+ 45°C
Color Temperature	2700K/3000K/4000K/6000K

Product Photometrics (Data base on IP20 CRI⩾80)

Part Number	CCT (K)	Power(13w/m) Lumen (lm/m)	Efficacy (lm/w)
▶560D-COBW27-24V-8MM	2700K ±150K	1105-1235	85-95
▶560D-COBW30-24V-8MM	3000K ±150K	1105-1235	85-95
▶560D-COBW40-24V-8MM	4000K ±200K	1235-1365	95-105
▶560D-COBW60-24V-8MM	6000K ±250K	1105-1235	85-95

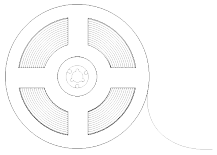
Light Distribution Curve[Data base on 1m 13W IP20 4000K CRI>80, Unit:cd]



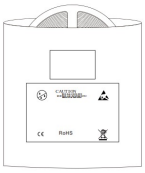
Color Parameters:

Chromaticity Coordinate:x=0.3750 y=0.3814/u'=0.2197 v'=0.5028
CCT=4183K(Duv=0.0038) Dominant WL:Ld =576.3nm WL:Lc = --nm Purity=27.0%
Ratio:R=17.47% G=79.74% B=2.79% Peak WL:Lp=450.5nm FWHM=17.4nm
Render Index:Ra=80.8 AvgR=73.2

Packing Information(Data base on IP20)

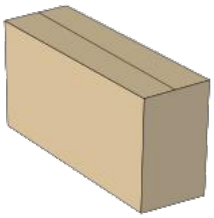


5meters/reel



5meters/reel

100bags/carton



43.5x32x23.5cm,8.5kg/carton

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 3oo during soldering, and the soldering time of single solder should becontrolled within 3s.
5. It is strictly forbidden to twist the lamp with short distance.The single lamp strip (O.5 m) has a maximum twist angle of 720°.
6. The bend diameter at any position needs to be greater than 1cm.