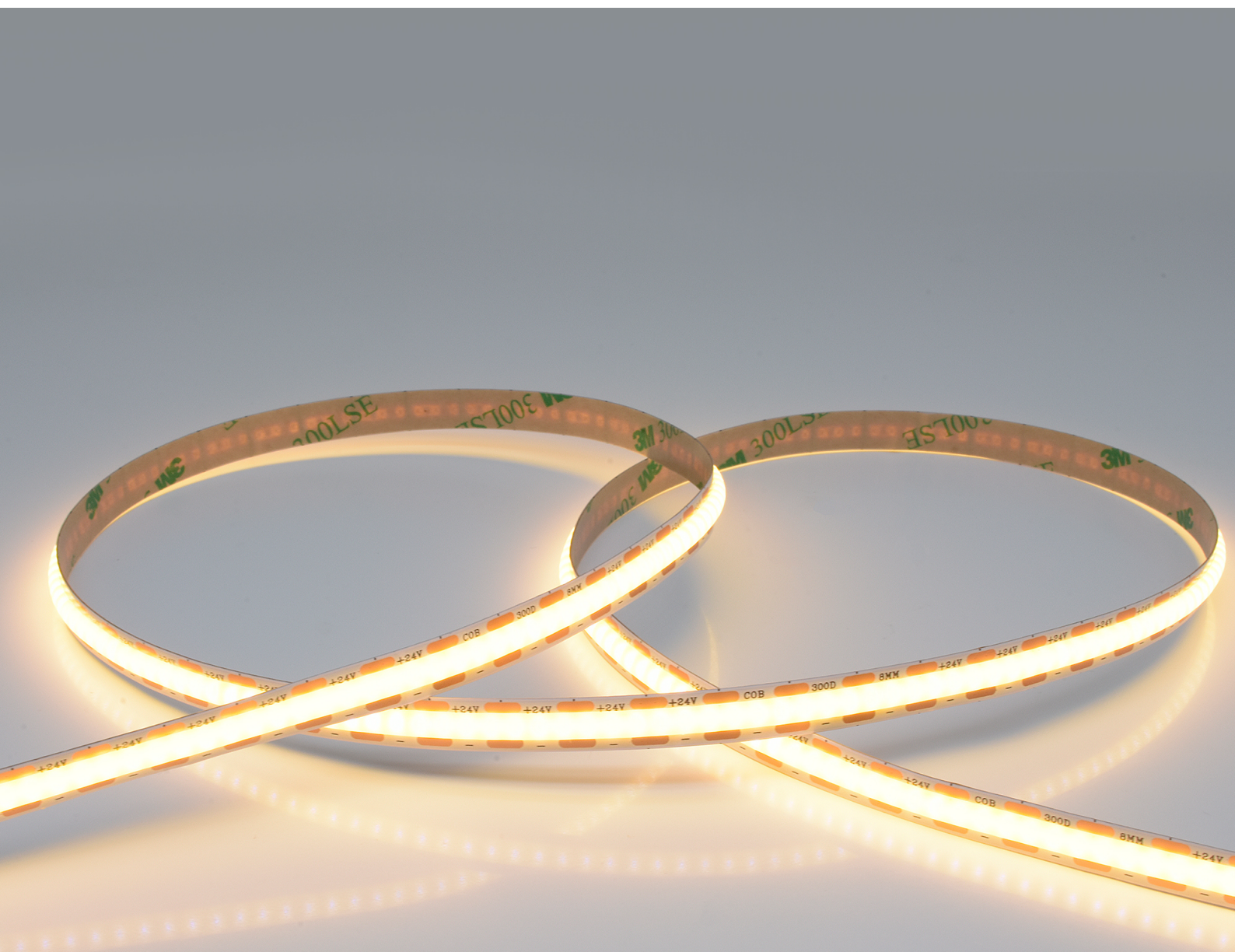


COB LED Strip Specification

CZ-24-08-300-10-XX





CZ-24-08-300-10-XX



Description

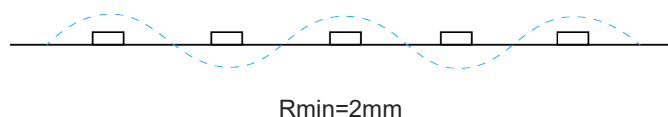
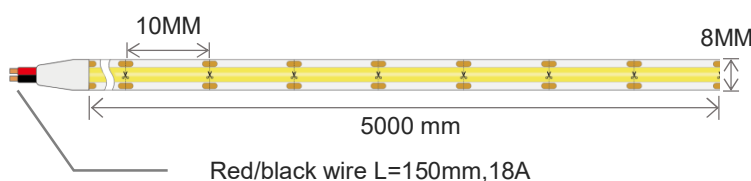
This product is a high-density DC24V COB flexible light strip with 300 emitting chips per meter. It adopts an on-board integrated packaging process, ensuring uniform light distribution without dark areas and providing soft illumination. With low-voltage power supply for safe and reliable operation, the flexible substrate allows bending and cutting, offering strong adaptability in design. It is widely used in residential, commercial, and outdoor landscape lighting applications.



RoHS



Dimensions & Waterproof



Product Specification

Dimension	5000*8*2.0 MM
Chip Type	Sanan
Chips/m	300
lumens	780-880 Lm
Step Length	10 MM
Color Rendering Index	≥80

Voltage(V)	DC 24 V
Power(W/m)	10 W/M
PCB Width	8 MM
Beam Angle	160°
Operation Temperature	-20°C~+ 45°C
Color Temperature	2700K/3000K/4000K/6000K

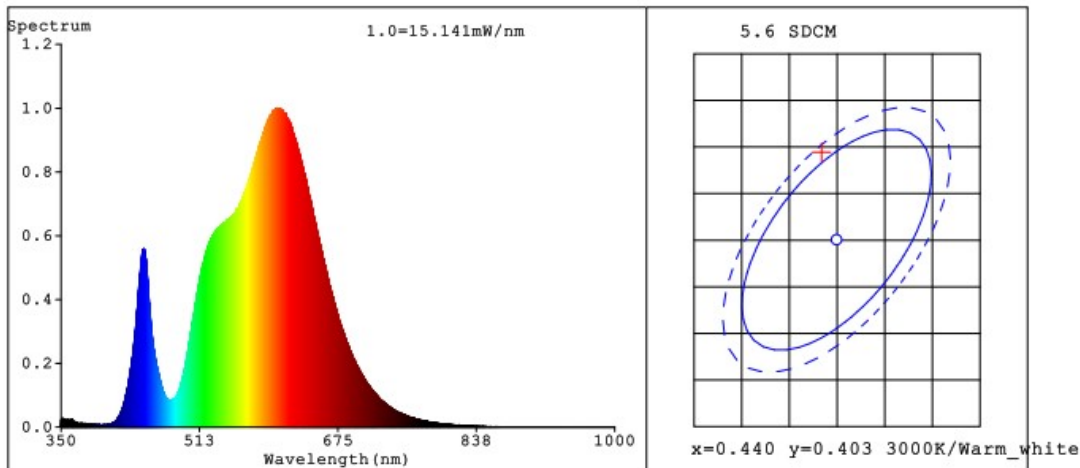
Product Photometrics (Data base on IP20 CRI≥80)

Part Number	CCT (K)	Power(10w/m)	
		Lumen (lm/m)	Efficacy (lm/w)
▶300D-COBW27-24V-8MM	2700K ±150K	730-830	73-83
▶300D-COBW30-24V-8MM	3000K ±150K	730-830	73-83
▶300D-COBW40-24V-8MM	4000K ±200K	780-880	78-88
▶300D-COBW60-24V-8MM	6000K ±250K	730-830	73-83



Light Distribution Curve[Data base on 1m 10W IP20 3000K CRI>80, Unit:cd]

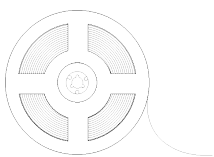
Spectrum Test Report



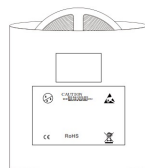
Color Parameters:

Chromaticity Coordinate: $x=0.4384$ $y=0.4124$ $u'=0.2480$ $v'=0.5248$
CCT=3042K(Duv=0.0031) Dominant WL:Ld =581.6nm WL:Lc = --nm Purity=55.4%
Ratio:R=22.54% G=75.83% B=1.63% Peak WL:Lp=602.9nm FWHM=144.9nm
Render Index:Ra=81.8 AvgR=75.2

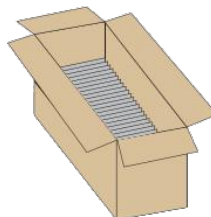
Packing Information(Data base on IP20)



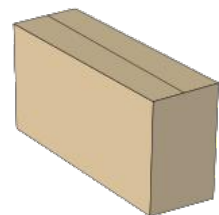
5meters/reel



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 300 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 (0.5 m) has a maximum twist angle of 720°.
6. The bend diameter at any position needs to be greater than 1cm.