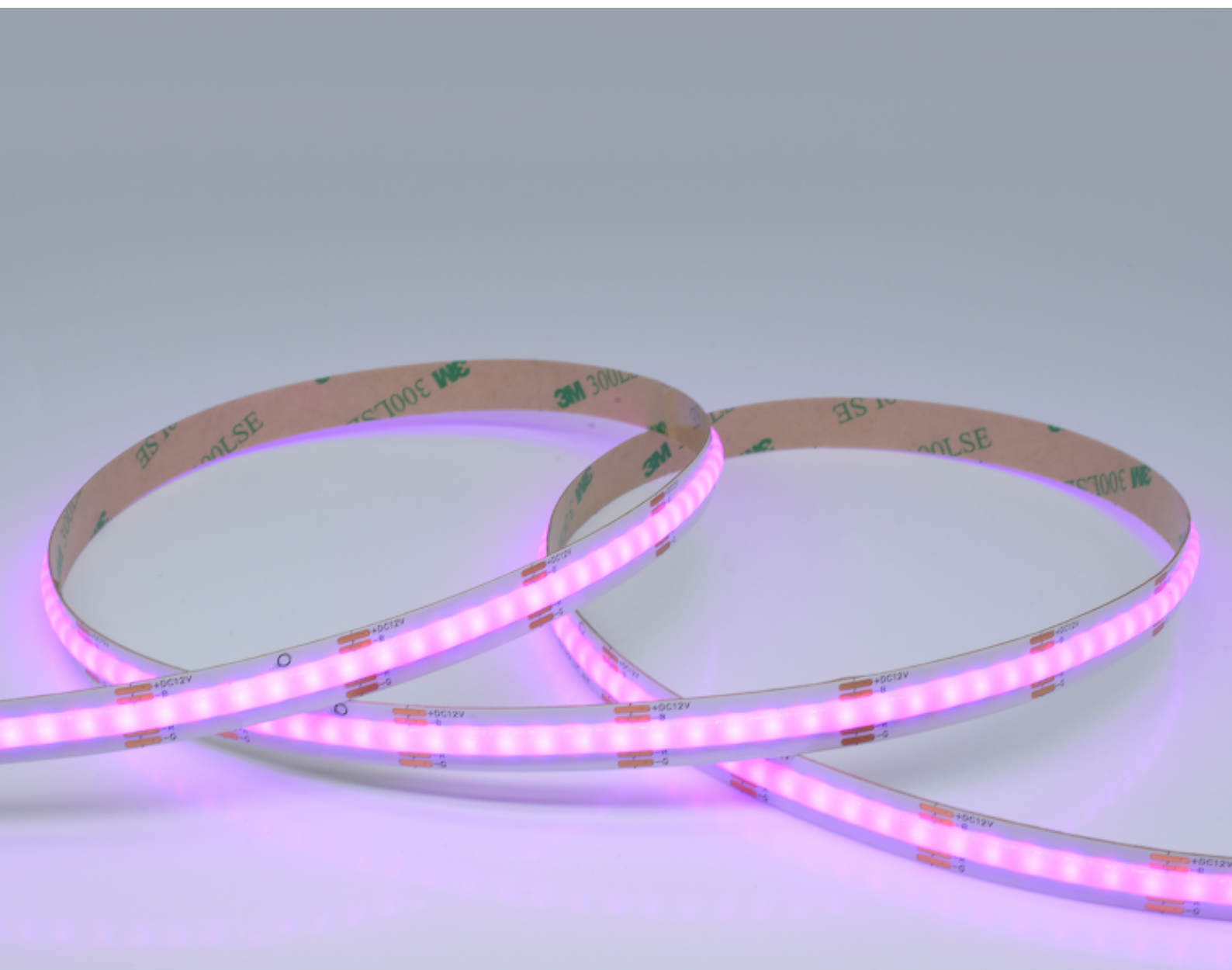


COB LED Strip Specification

CZ-12-10-576-14-RGB





CZ-12-10-576-14-RGB

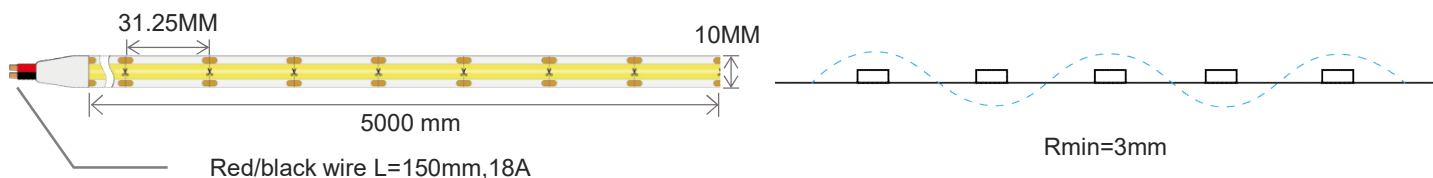


Description

With high-density 576 LEDs/m COB packaging, the strip generates spot-free, uniform continuous light. Operating on safe DC12V low voltage, its 10mm narrow PCB fits all kinds of profiles. At 14W/m, full RGB color adjustment is available. Flexible and cuttable in sections, it offers premium linear colored ambient lighting for home indoor atmosphere lighting, commercial venues, exhibitions and advertising decorations.


RoHS


Dimensions & Waterproof



Product Specification

Dimension	5000*10*2.2mm
Chip Type	Sanan
Chips/m	576
lumens	420-490Lm
Step Length	31.25MM
Color Rendering Index	/

Voltage(V)	DC12V
Power(W/m)	14 W/M
PCB Width	10 MM
Beam Angle	160°
Operation Temperature	-20°C~+ 45°C
Color Temperature	RGB

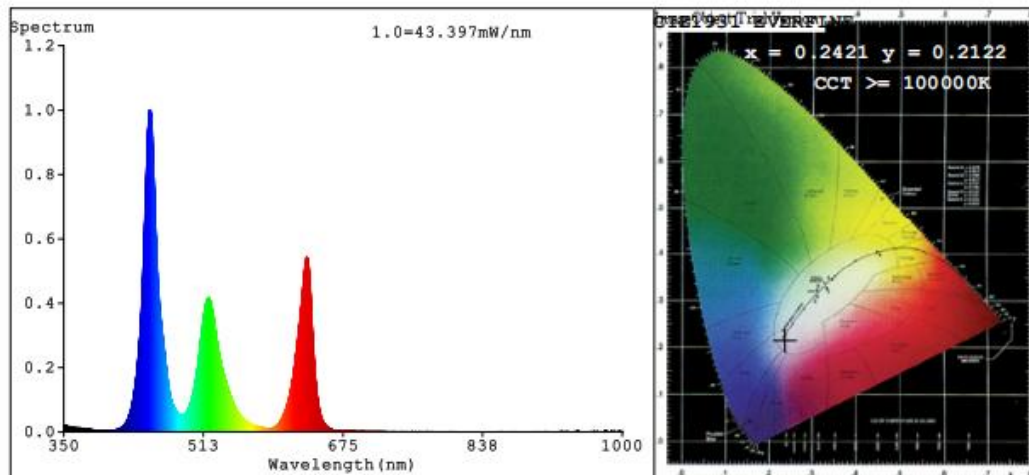
Product Photometrics (Data base on IP20)

Part Number	CCT (K)	Power(14w/m)	
		Lumen (lm/m)	Efficacy (lm/w)
►576D-COBW-12V-10MM	RGB	420-490	30-35



Light Distribution Curve[Data base on 1m RGB 14W IP20 , Unit:cd]

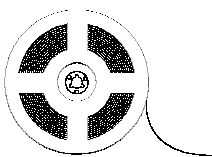
Spectrum Test Report



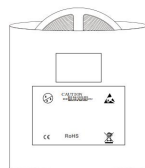
Color Parameters:

Chromaticity Coordinate: $x=0.2421$ $y=0.2122$ $u'=0.1913$ $v'=0.3772$
CCT=100000K(Duv=-0.0180) Dominant WL:Ld =469.7nm WL:Lc = --nm Purity=43.8%
Ratio:R=22.89% G=68.50% B=8.62% Peak WL:Lp=450.5nm FWHM=16.4nm
Render Index:Ra=44.0 AvqR=38.1

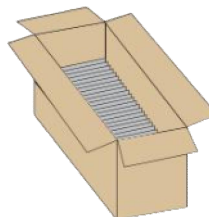
Packing Information(Data base on IP20)



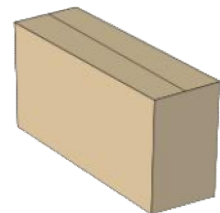
5meters/reel



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.