

COB & CSP SERIES

COB 640LEDs/m 14W/m















182413&182416













Product Features

- 1. Beautiful linear effect with big beam angle 180°.
- 2. Adopt brand LED chip, achieving good quality and high brightness.
- 3. Our COB led strip is certified by CE & ROHS & UL & UKCA.
- 4. Easy to install and preserve.
- 5. Warranty: 3 years.

CCT Option

2700K



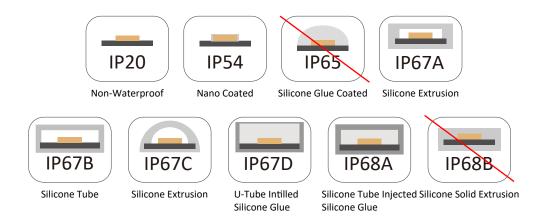


Lighting Effect

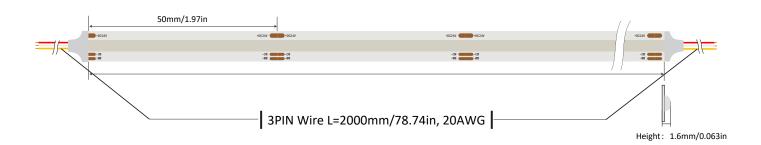
Lighting Effect



IP Rating Option



Dimension(mm/inch)



Length/Reel	Width	Height	LED Spacing	Min. Cutting
5000mm/197in 10000mm/393.7in	10mm/0.394in	1.6mm/0.063in	/	Every 50mm/1.97in (32LEDs)

Note:

Led strip length tolerance is ±10MM based on 5M/roll, IP20 & IP54.



Data

Part Number	Working Voltage	Power	Current	LED Qty	CRI
RS-COB2016CA-24V-640D-10-20	24VDC	14W/ft	0.586A/ft	640LED/m	90+
		4.27W/ft	0.179A/ft	≈195LEDs/ft	

CCT (°K)	Luminous Efficiency	lumen	Maximum Length
2700K(7W)	83Im/W	575lm/m(175lm/ft)	5M(16.4ft)/10M(32.8ft)
4000K(14W)	84lm/W	1191lm/m(363lm/ft)	5M(16.4ft)/10M(32.8ft)
6500K(7W)	84lm/W	603lm/m(184m/ft)	5M(16.4ft)/10M(32.8ft)

Note:

The data base on IP20.

The Lumen output value tolerance is ±5% due to testing way.

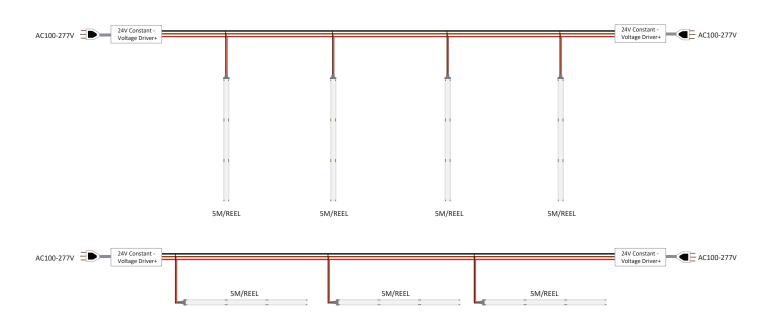
The CCT tolerance is $\pm 5\%$ due to testing way.

Absolute Maximum Ratings

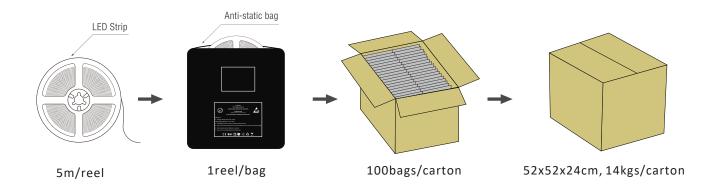
Parameter	Symbol	Value
Thermal Measurement Point	Тс	80°C/176°F
Operating Temperature	Topr	<80°C/<176°F
Storage Temperature	Ts	-20~+ 60°C/-68~140°F
Number of FPC Connection		



Wiring Diagram Application

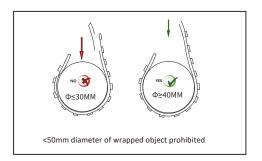


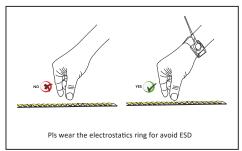
Packaging

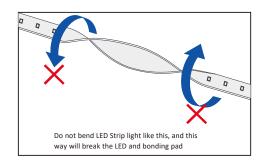


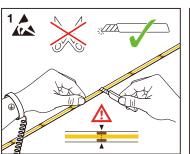


Cautions

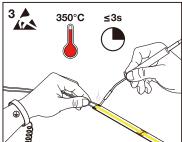


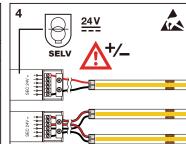












Safety & Disclosures

- 1. Do not install the led strip in environment where excessive heat may occur.
- 2. Only use copper wiring. Use wires rated for at least 176°F(80°C) and certified for use with
- 3. Do not install IP20 LED strip products in outdoor / wet location environments.
- 4. Excessive handling, bending, and pressure may damage the product, voiding the warranty.
- 5. Improper wire selection and installation could overheat wires, and cause fire.
- 6. Do not connect directly to high voltage or AC power.
- 7. Installation must be in accordance with local and national electrical code regulations.
- 8. To ensure safety and correct installation, our strips are intended to be installed by a qualified, licensed electrician.