

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

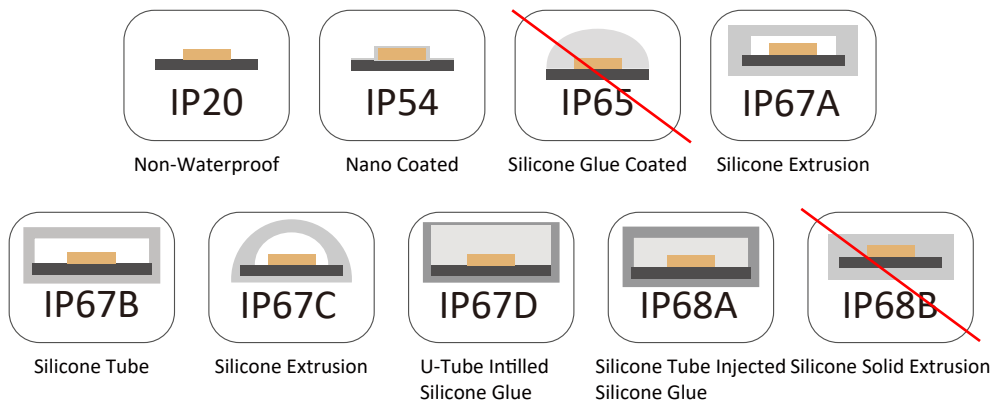


Lighting Effect

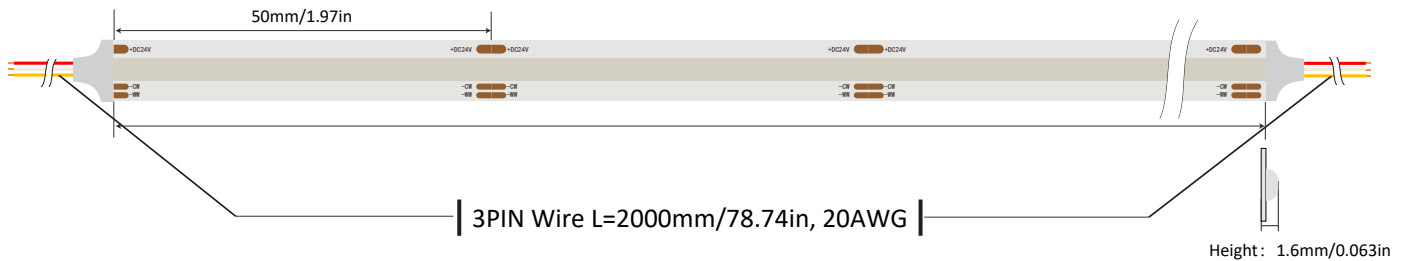


Lighting Effect

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 $\pm 10\text{MM}$ 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)	83lm/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.

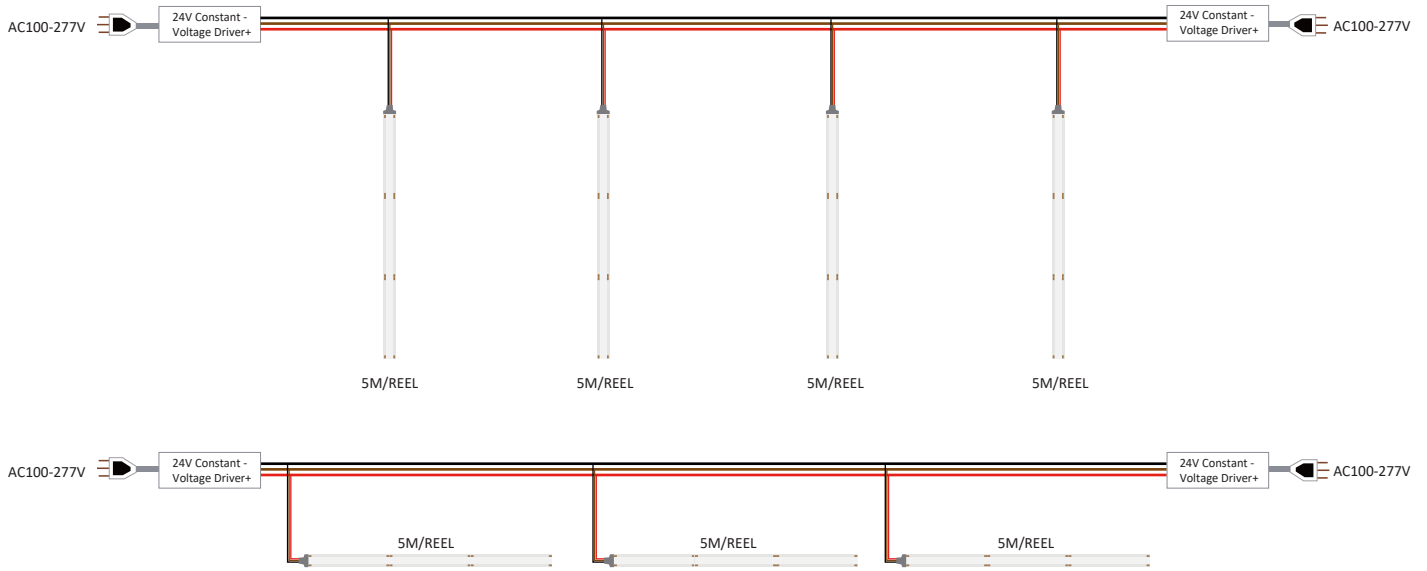
The Lumen output value tolerance is ±5% due to testing way.

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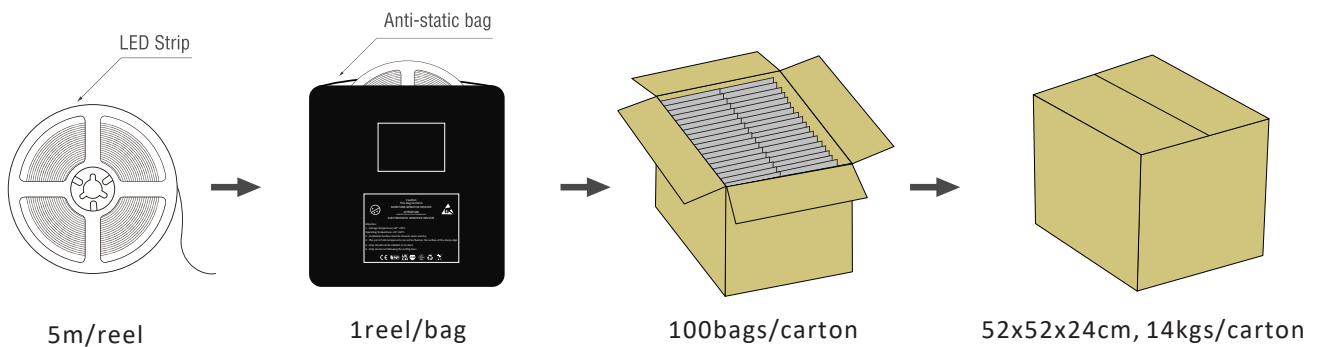
Absolute Maximum Ratings

Parameter	Symbol	Value
Thermal Measurement Point	T _c	80°C/176°F
Operating Temperature	T _{opr}	<80°C/<176°F
Storage Temperature	T _s	-20~+ 60°C/-68~140°F
Number of FPC Connection		

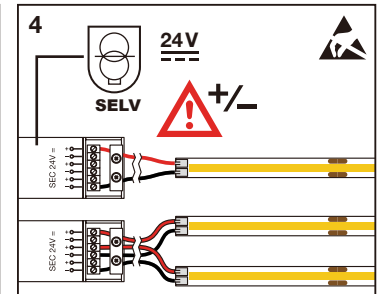
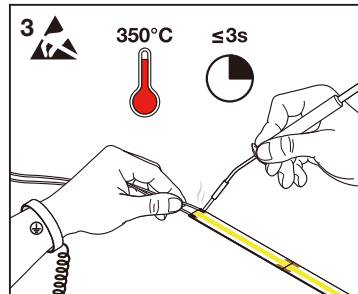
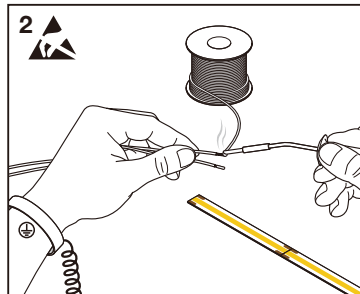
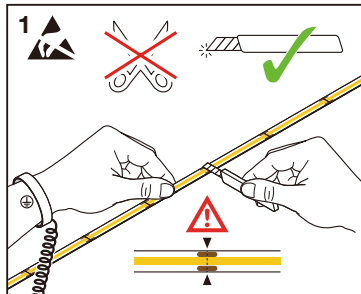
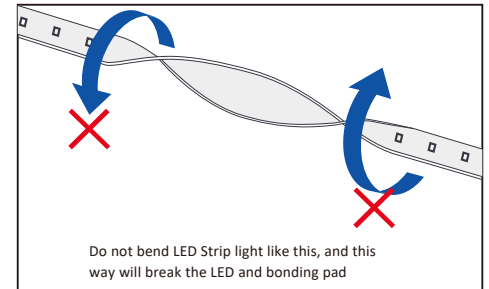
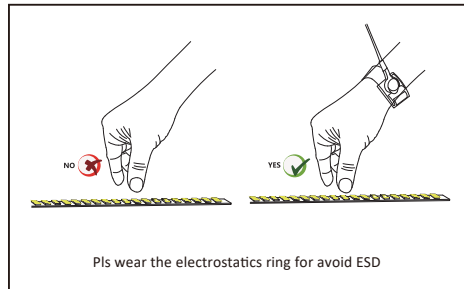
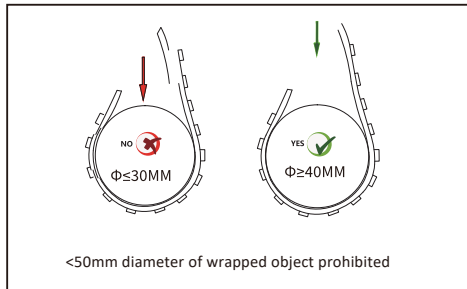
Wiring Diagram Application



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.