

PRODUCT DATA SHEET

COB & CSP SERIES

COB SPI RGBW 560LEDs/m 15W/m



ARC-24-SPI-RGBW-COB-WS2814



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Product Features

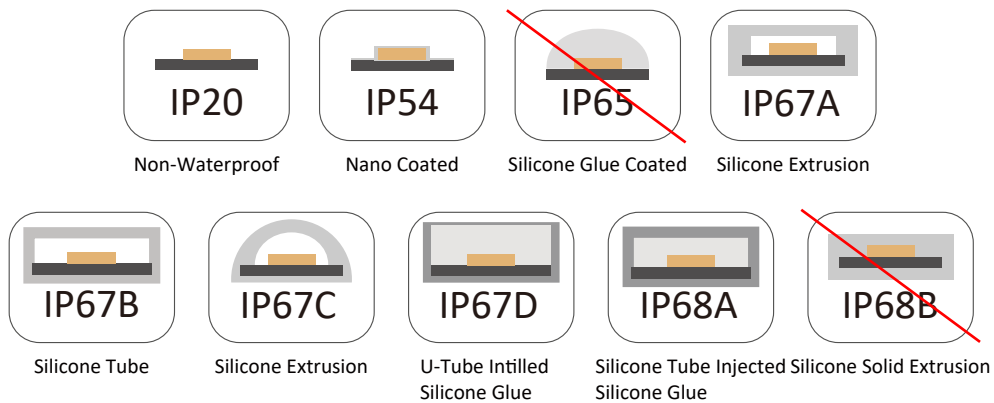
1. Easy to install and preserve.
2. Our COB led strip is certified by CE & ROHS & UL & UKCA.
3. No light dot, beautiful linear effect with big beam angle 180°.
4. Adopt brand LED chip, achieving good quality and high brightness.
5. SPI RGBW color, ideal for atmosphere and entertaining lighting.
6. Warranty: 2 years.

CCT Option

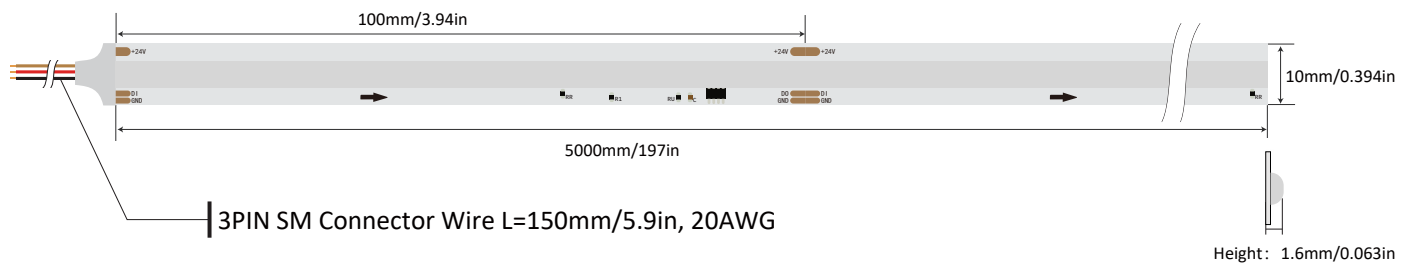


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IP Rating Option



Dimension(mm/inch)



Length/Reel	Width	Height	LED Spacing	Min.Cutting
5000mm/197in	10mm/0.394in	1.6mm/0.063in	/	Every 100mm/3.94in (56LEDs)

Note:

Led strip length tolerance is $\pm 10\text{MM}$ based on 5M/roll, IP20 & IP54.

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Data

Part Number	Working Voltage	Power	Current	LED Qty	CRI
ARC-24-SPI-RGBW-COB-WS2814	24VDC	15W/m	0.5809A/m	560LEDs/m	90+

CCT (°K)	Luminous Efficiency	Lumen	Maximum Length
RGBW(3000K)	53lm/W	738lm/m	5M(16.4ft)
RGBW(4000K)	56lm/W	786lm/m	5M(16.4ft)

Note:

The data base on IP20.

The Lumen output value tolerance is $\pm 5\%$ due to testing way.

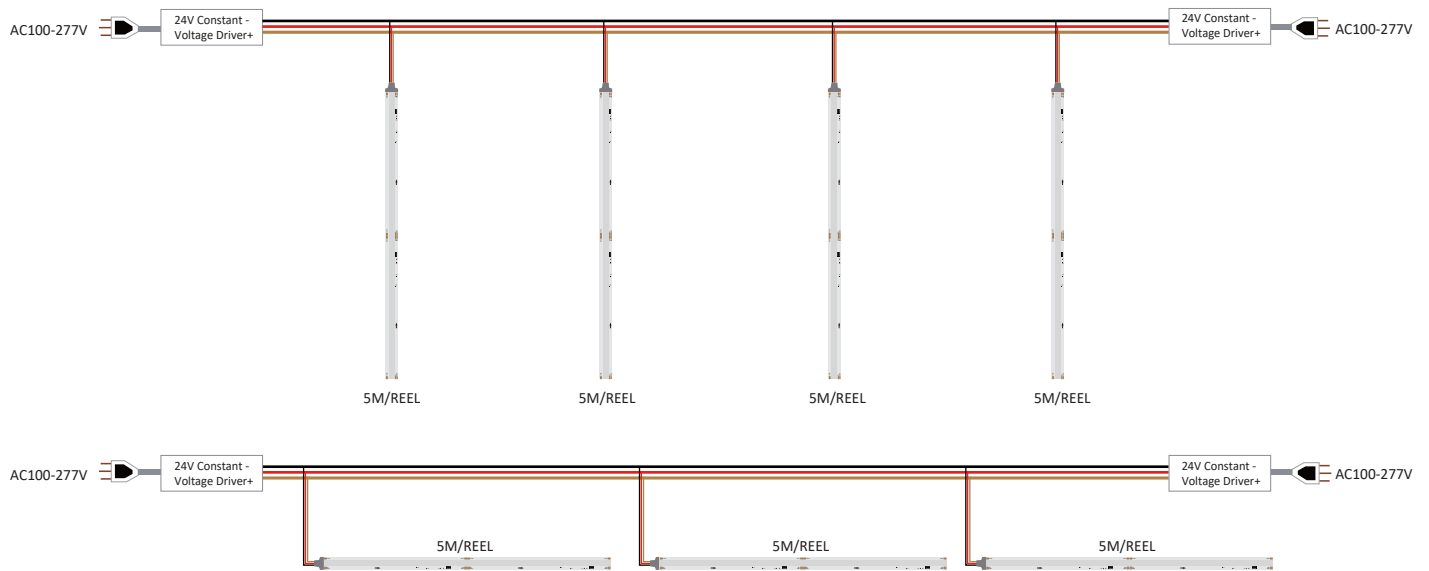
The CCT tolerance is $\pm 5\%$ due to testing way.

Absolute Maximum Ratings

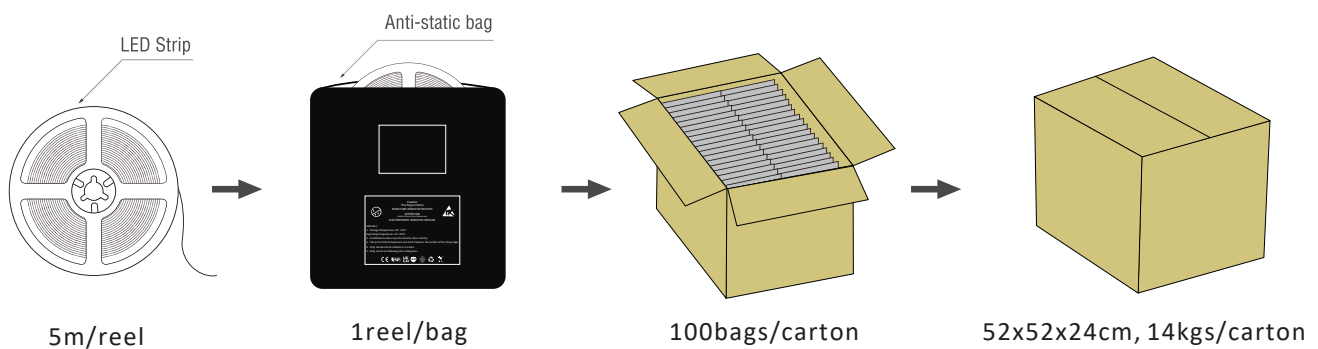
Parameter	Symbol	Value
Thermal Measurement Point	Tc	80°C/176°F
Operating Temperature	Topr	<80°C/<176°F
Storage Temperature	Ts	-20~+ 60°C/-68~140°F
Number of FPC Connection		

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Wiring Diagram Application

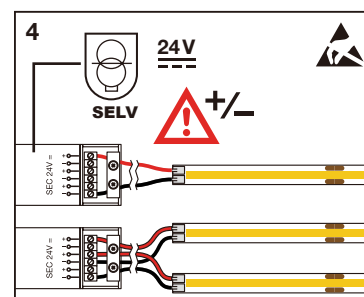
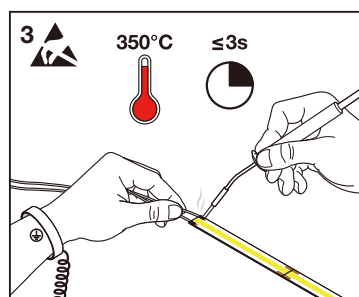
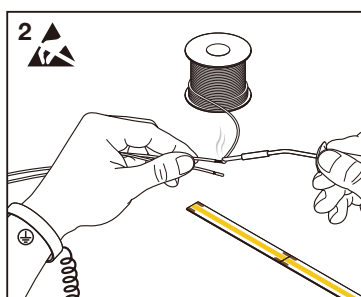
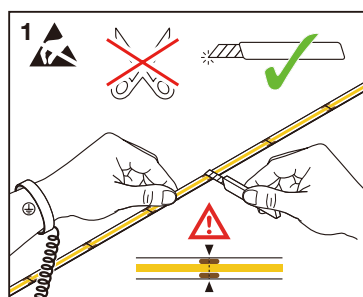
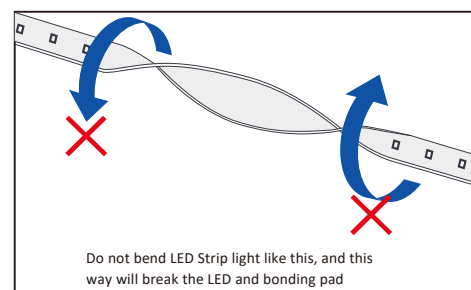
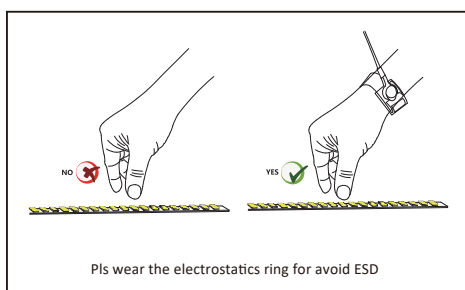
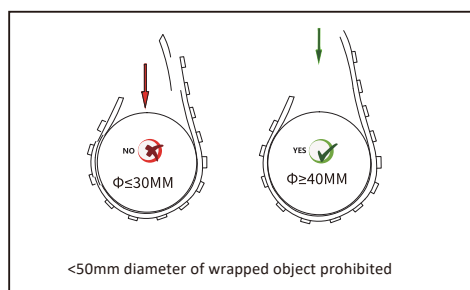


Packaging



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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.