

PRODUCT DATA SHEET



CCT Adjustable Series

2835 120 LEDs/m 24W/m 10mm



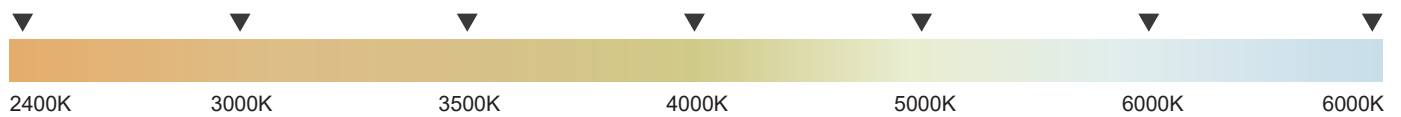
RS-CA2835-24V-120D-10-20



Product Features

1. ▶ Dual color adjustable, tunable white 2400K-6000K.
2. ▶ Source by high cost-performance 2835 Led with uniform illumination.
3. ▶ CRI96+, others optional;
4. ▶ Warranty: 3 years.

CCT Option

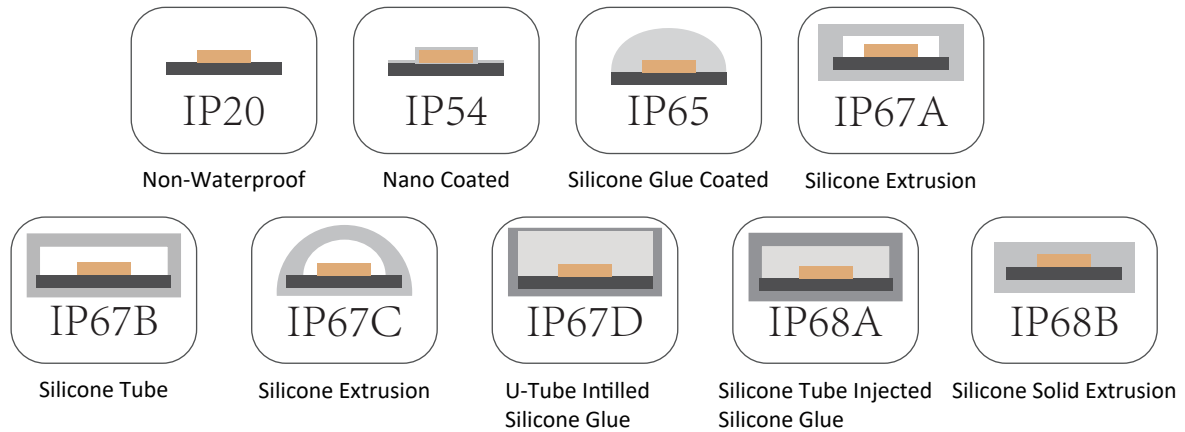


Lighting Effect



Lighting Effect

IP Rating Option




Dimension (mm/inch)



1.5mm/0.059in



Length/Reel	Width	Height	LED Spacing	Min. Cutting 
5000mm/196.85in	10mm/0.394in	1.5mm/0.059in	8.33mm/0.328in	Every 100mm/3.94in (12LEDs)

Note:

LED Strip length tolerance is $\pm 10\text{MM}$ based on 5M(IP20&IP54).
 Width tolerance is $\pm 0.2\%$ mm.



Data

Part Number	Working Voltage	Power	Current	LED Qty	CRI
RS-CA2835-24V-120D-10-20	24V	24W/m	1A/m	120LEDs/M	96+
		7.32W/ft	0.305A/ft	≈36LEDs/ft	

CCT (°K)	Luminous Efficiency	lumen	
2400K	81lm/W	972lm/m	296lm/ft
3800K	85lm/W	2040lm/m	622lm/ft
6500K	90lm/W	1080lm/m	329lm/ft

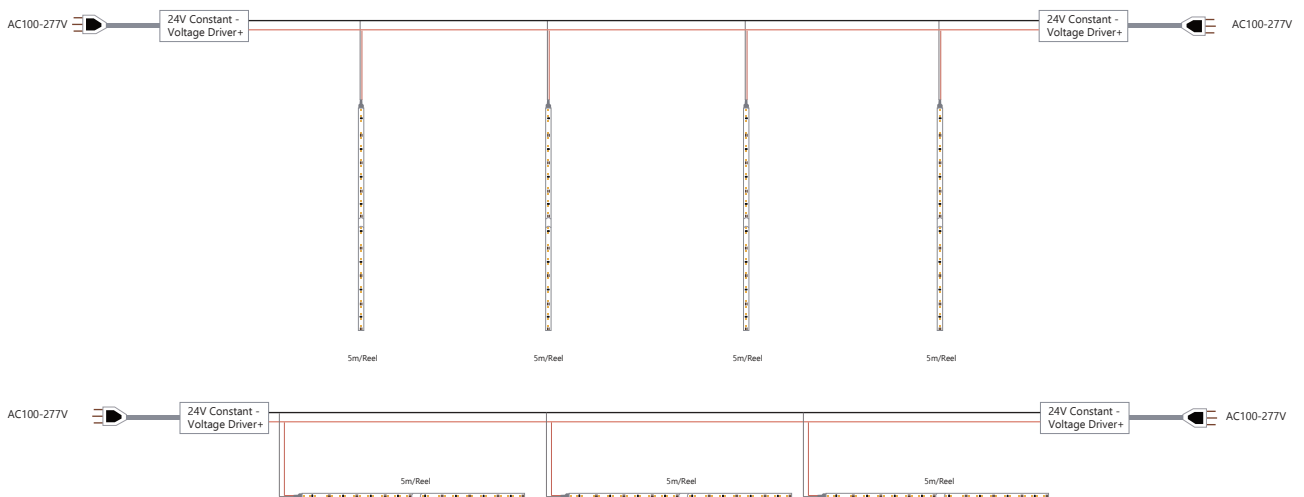
Note:

The data base on IP20 non-waterproof.
 The wattage tolerance $\pm 20\%$
 The Lumen output value tolerance $\pm 5\%$ due to testing way.
 The CCT tolerance $\pm 5\%$

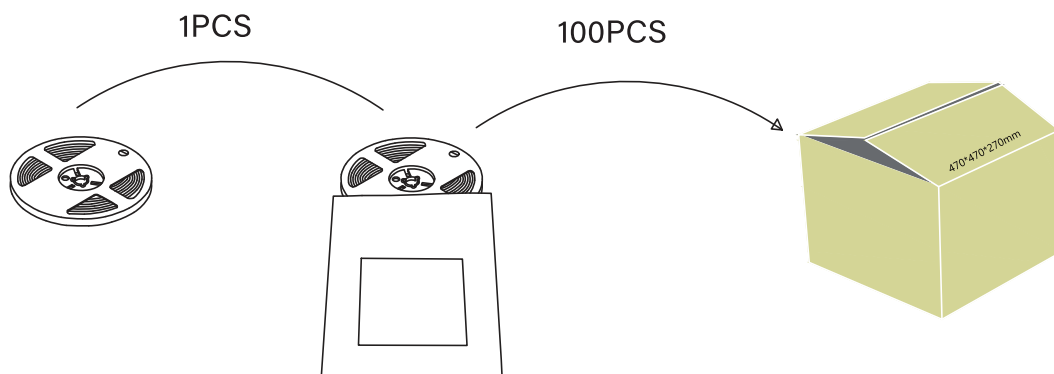
Absolute Maximum Ratings

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		

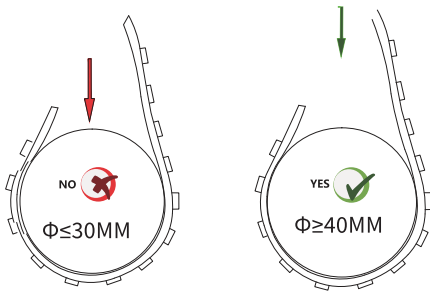
Wiring Diagram Application



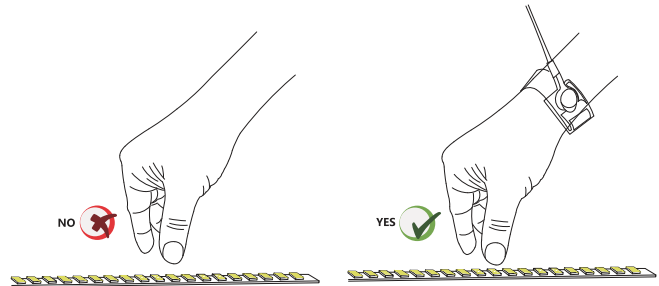
Packaging



Cautions



<50mm diameter of wrapped object prohibited



Pls wear the electrostatics ring for avoid ESD

Safety & Disclosures

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