

## PARTICULAR APPLICATION

S Shape LED Strip Light

2835 140LEDs/m 10W/m

- S**  
SHAPE
- DUAL**  
COLOR
-  **24VDC**
- PCB**  
8MM
- 5M**  
REEL



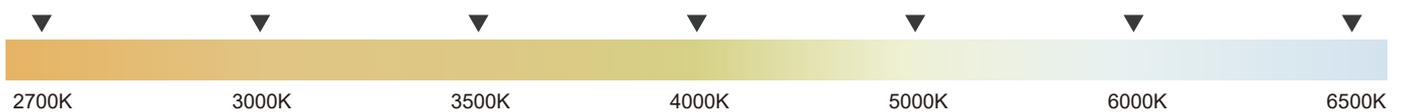
RS-S2835CA-24V-140D-10-20



## Product Features

1. S-Shape design, Tunable white option.
2. Bending angle 90°, ideal for some special application.
3. Pass new ERP (EU) 2019/2020 regulation, Eco design compliant.
4. CCT adjustable from 1800K-6500K, accordant color changing.
5. Warranty: 3 years.

## CCT Option

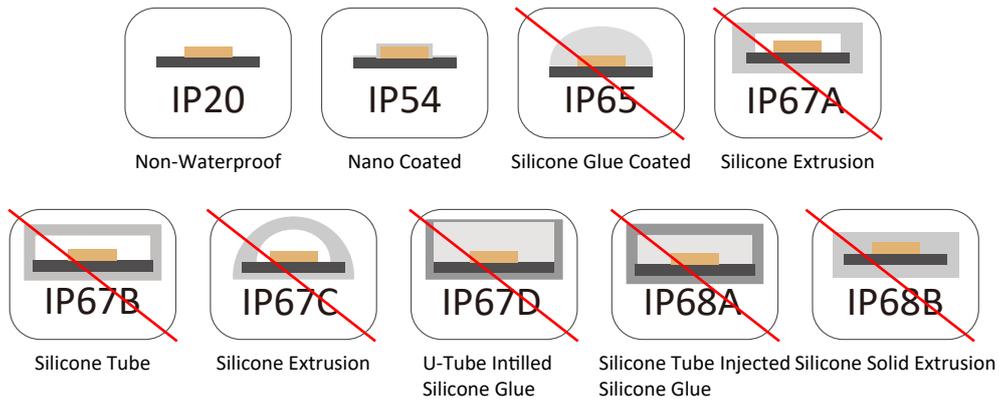


Lighting Effect

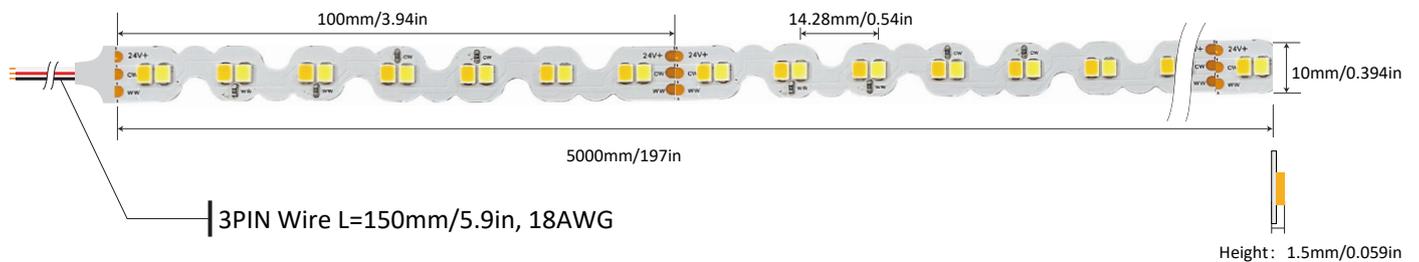


Lighting Effect

## IP Rating Option



## Dimension(mm/inch)



Length/Reel	Width	Height	LED Spacing	Min. Cutting
5000mm/197in	10mm/0.394in	1.5mm/0.057in	14.28mm/0.54in	Every 100mm/3.94in (14LEDs)

### 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-S2835CA-24V-140D-10-20	24V	10W/m	0.434A/m	140LED/m	90+
		3.05W/ft	0.132A/ft	≈43LEDs/ft	

CCT (°K)	Luminous Efficiency	lumen	Maximum Length
2700K(5W)	134lm/W	688lm/M(210lm/ft)	5M(16.4ft)
4000K(10W)	136lm/W	1417lm/M(432lm/ft)	5M(16.4ft)
6500K(5W)	139lm/W	733lm/M(223lm/ft)	5M(16.4ft)

## Note:

The data base on IP20.

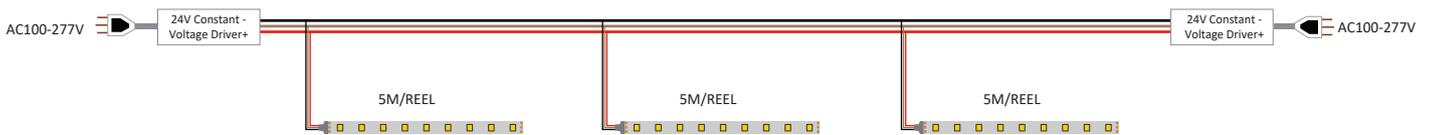
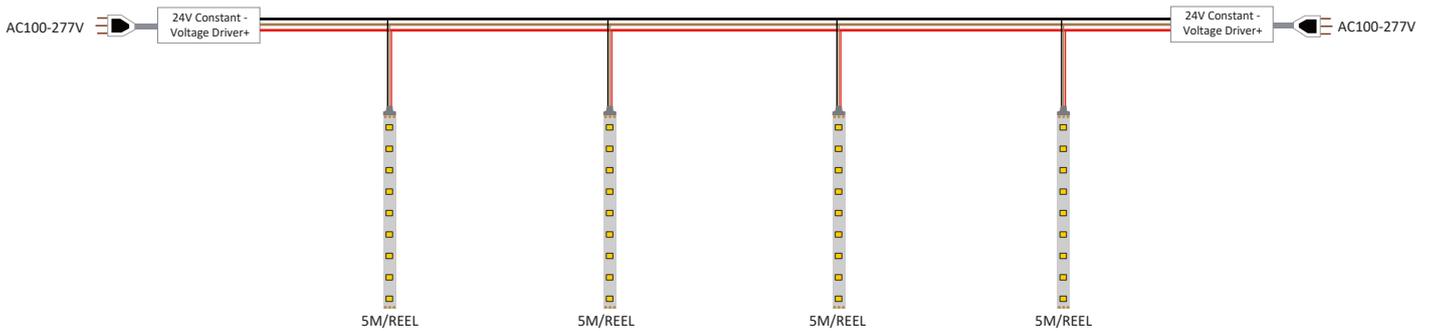
The Lumen output value tolerance is ±5% due to testing way.

The CCT tolerance is ±5% due to testing way.

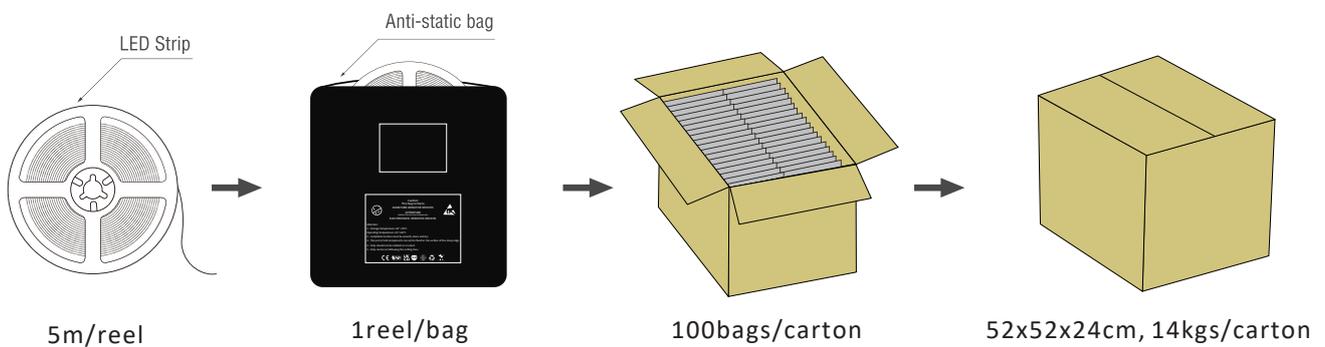
## Absolute Maximum Ratings

Parameter	Symbol	Value
Thermal Measurement Point	T <sub>c</sub>	80°C/176°F
Operating Temperature	T <sub>opr</sub>	<80°C/<176°F
Storage Temperature	T <sub>s</sub>	-20~+ 60°C/-68~140°F
Number of FPC Connection		

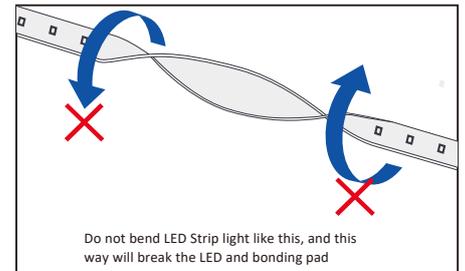
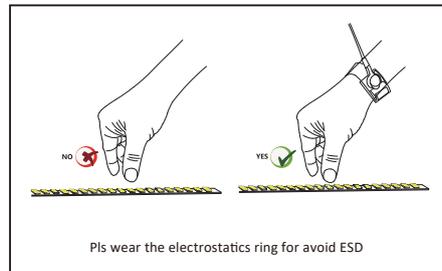
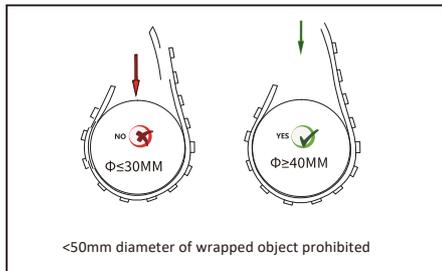
## Wiring Diagram Application



## 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.