

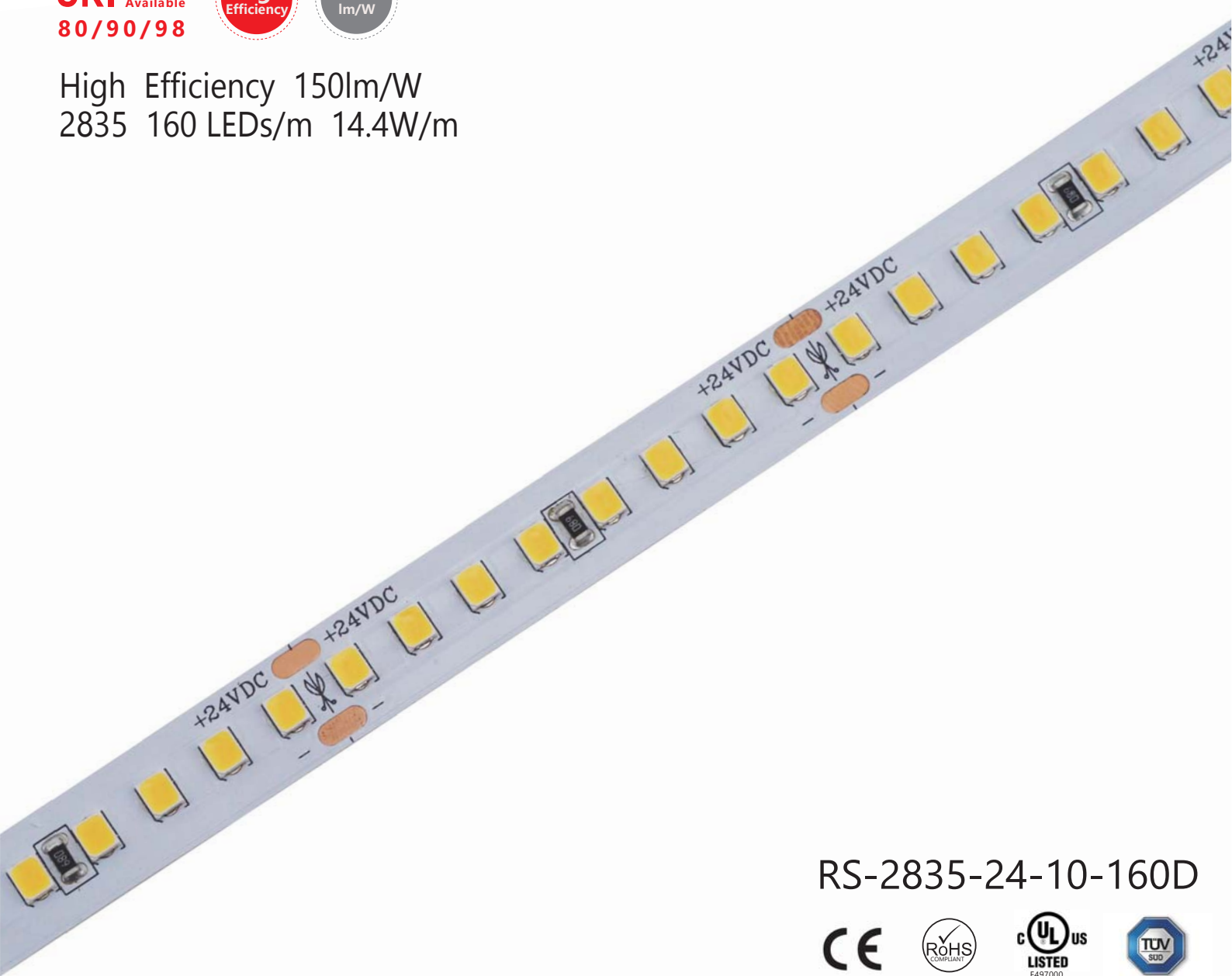
PRODUCT DATA SHEET

CRI Available
80/90/98

High
Efficiency

150
lm/W

High Efficiency 150lm/W
2835 160 LEDs/m 14.4W/m



RS-2835-24-10-160D



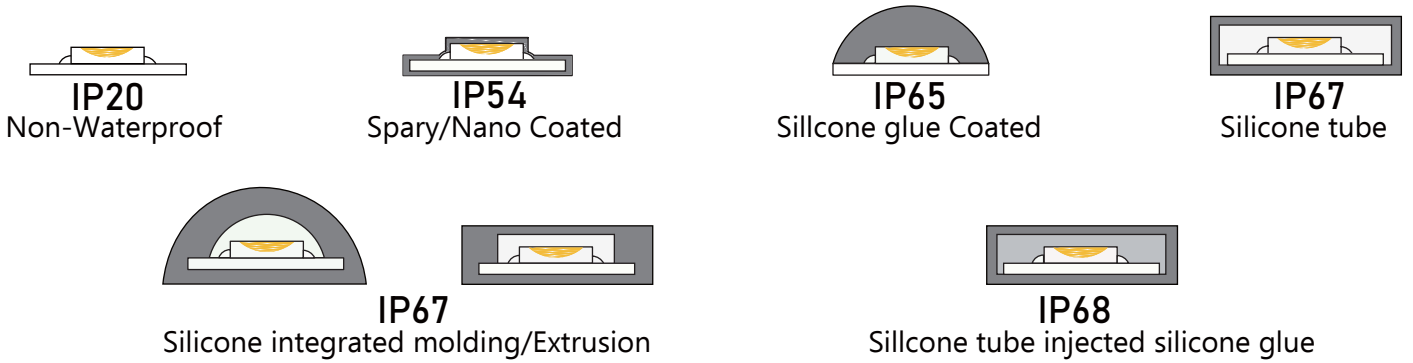
 Product Features

1. 8 LEDs in series per circuit section, available to achieve high light , efficacy output up to 150lm/W
2. Operate longer life and better for energy saving
3. Standard strip is CRI>80 and provide High CRI>90/98 option

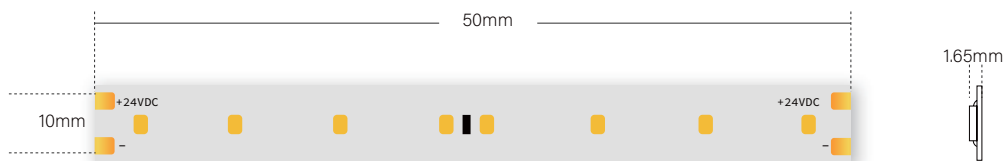
 CCT Option



 IP Rating Option



 Dimensions



Note:

LED strip length tolerance is + -0.2%mm.
 Width tolerance is + -0.2%mm.
 Size of each section is 50mm.
 DC 24V

 **Diagram****Dimensions (mm)**

| Length/Reel | Width | Height | Min. Cutting ✂ |
|-------------|-------|--------|----------------------|
| 5000 | 10 | 1.65 | Every 50 mm (8 LEDs) |

 **Data**

| Part Number | Working Voltage | Power (W/m) | Current (A/m) | LED Qty/m | CRI |
|--------------------|-----------------|-------------|---------------|-----------|-----|
| RS-2835-24-10-160D | 24V | 14.4W/m | 0.56A/m | 160 | 80+ |

| CCT (°K) | Luminous Efficiency | lumen/m |
|----------|---------------------|----------|
| 2700K | 146lm/W | 2103lm/m |
| 3000K | 146lm/W | 2103lm/m |
| 4000K | 157lm/W | 2260lm/m |
| 6000K | 157lm/W | 2260lm/m |

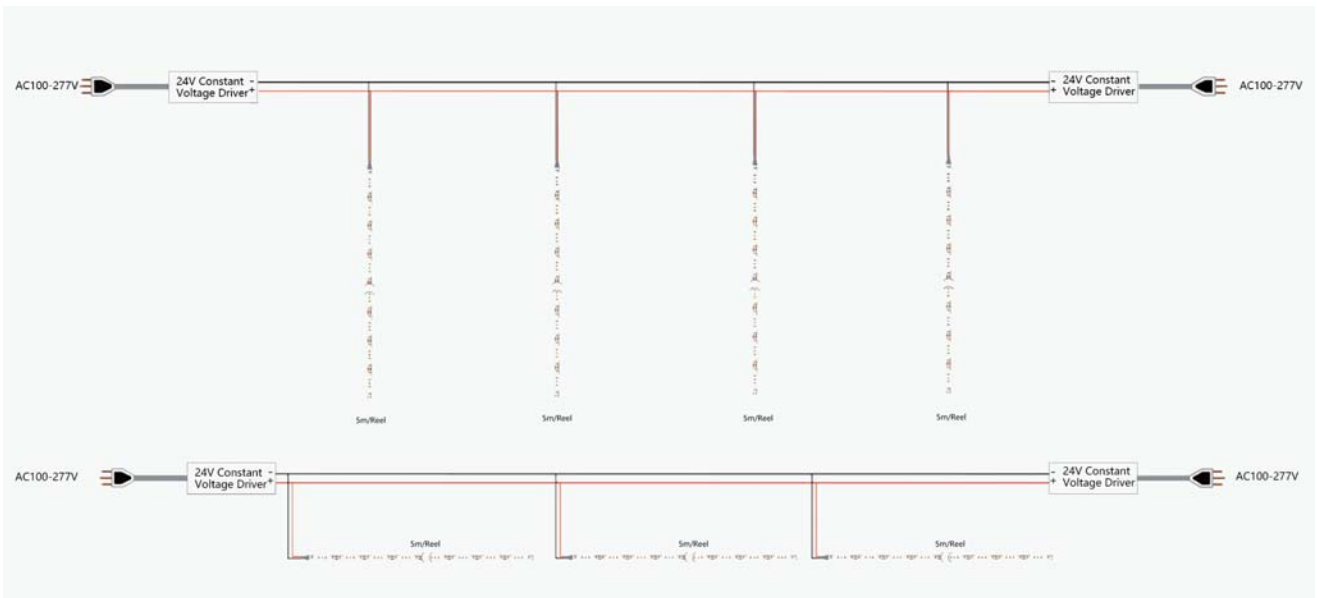
Note:

The data base on IP20 non-waterproof.
The Lumen output value tolerance + -5% due to testing way.
The CCT will be + -100k tolerance.

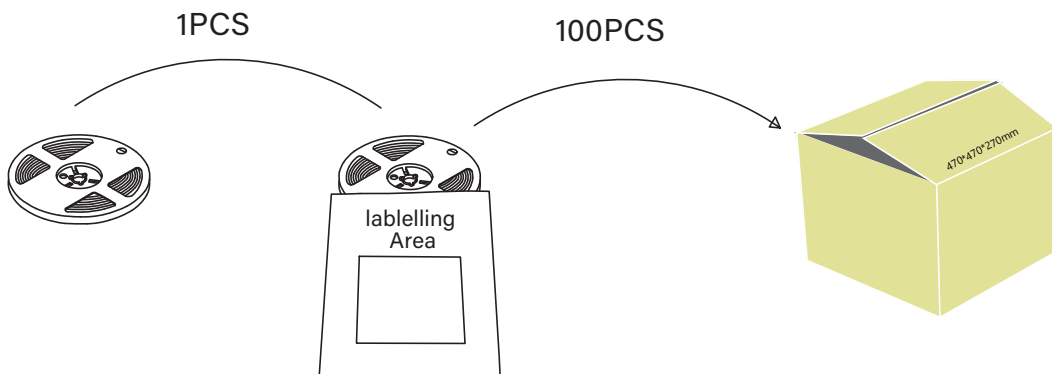
Absolute Maximum Ratings

| Parameter | Symbol | Value | Units |
|---------------------------|--------|---------|-------|
| Thermal Measurement Point | Tc | 80 | |
| Operating Temperature | Topr | -20~+40 | °C |
| Storage Temperature | Ts | -20~+80 | |
| Number of FPC Connection | | | |

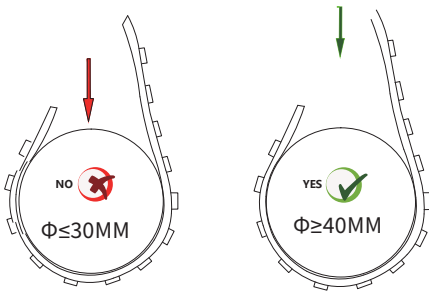
Wiring Diagram Application



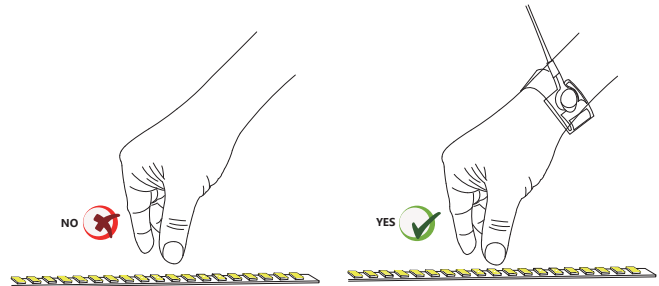
Packaging



! 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.