

## LED STRIP SPECIFICATION

# 2835 DC24V 120LED 3PIN 5MM CCT LED STRIP SPECIFICATION

Product Model : 2835-dc24v-120led-3pin-5mm-cct

## PART 1 Product Specification

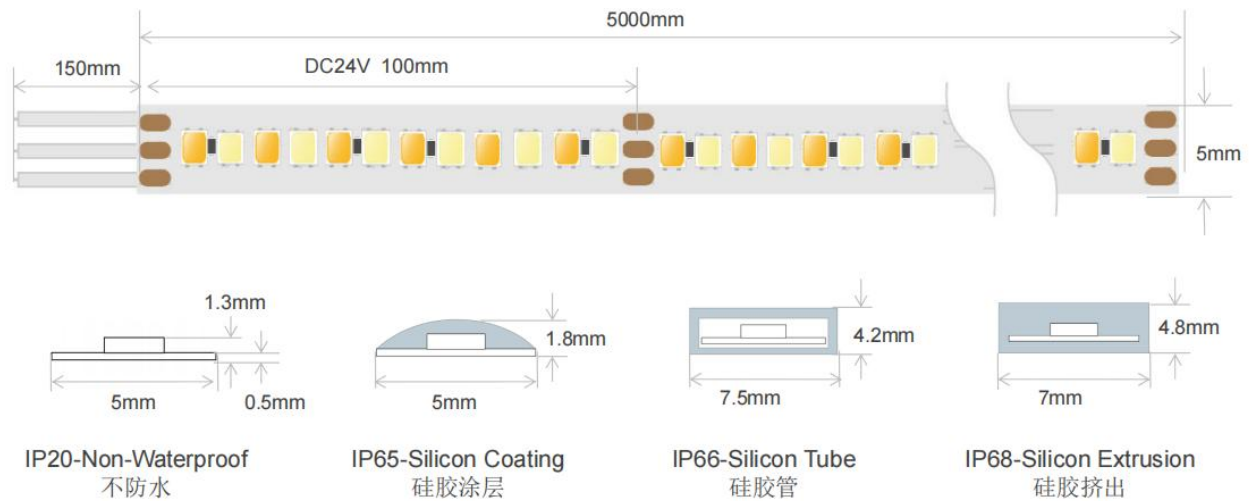
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**Electrical & Optical Parameters**

| Parameter           | Value                   |
|---------------------|-------------------------|
| Input Voltage       | DC 24V                  |
| Current             | 0.4 A/m                 |
| Working Power       | 9.6 W/m                 |
| PCB Width           | 5 mm                    |
| Cut Length          | 100 mm (12 LEDs)        |
| LED Type            | SMD2835                 |
| LED Quantity        | 120 LEDs/m              |
| LED Color           | Warm white + Cold white |
| Beam Angle          | 120°                    |
| Luminance           | 864-960 Lm/m            |
| CRI (Ra)            | > 80                    |
| Working Temperature | -20 °C – +60 °C         |
| Storage Temperature | -20 °C – +60 °C         |
| Waterproof Rating   | IP20/IP65/IP66/IP68     |
| Lifespan            | > 50 000 hours          |

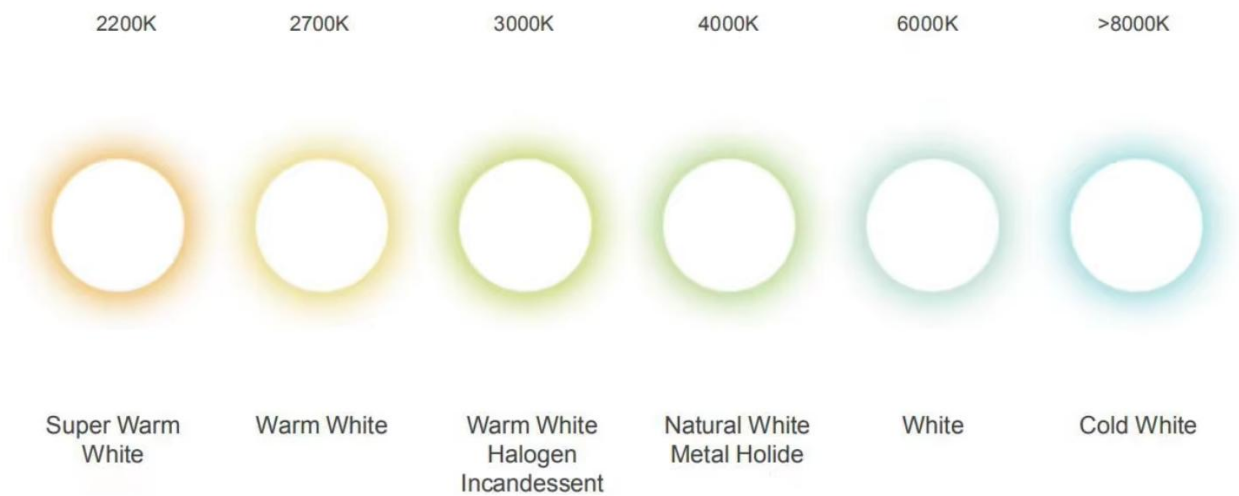
## PART 2 Product Dimensions



## PART 3 Color Standard

### Color Temperature Reference

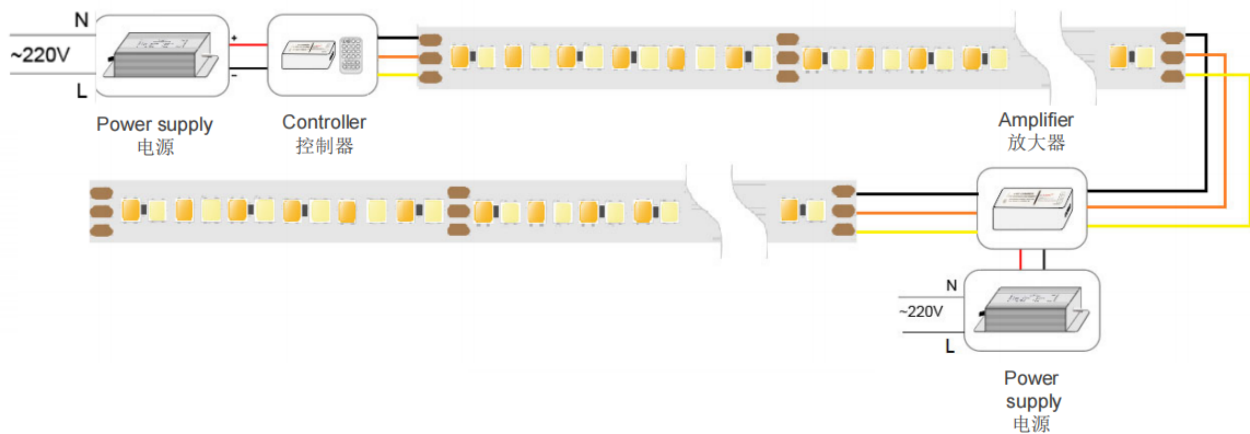
| < 2200K                 | 2700K             | 3000K                         | 4000K                | 6000K             | > 8000K           |
|-------------------------|-------------------|-------------------------------|----------------------|-------------------|-------------------|
| <b>Super Warm White</b> | <b>Warm White</b> | <b>Warm White</b>             | <b>Natural White</b> | <b>White</b>      | <b>Cold White</b> |
| <i>Candlelight</i>      | <i>HPS Lamp</i>   | <i>Halogen / Incandescent</i> | <i>Metal Halide</i>  | <i>Pure White</i> | <i>Daylight</i>   |



Only one Bin LED is used for each order. The same Bin is maintained in subsequent orders to ensure colour consistency across batches.

## PART 4 Production Application



**PART 5** Wiring Diagram**1. Connection method one/接线方式一****2. Connection method two/接线方式二**

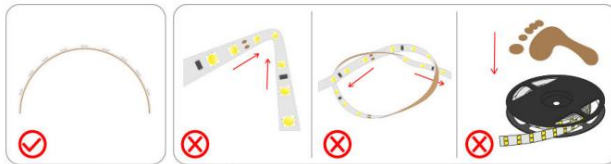
## PART 6 Precautions



☐ Please cut it according to the cutting line, do not cut it at other positions.



☐ Please make sure the wall is dry and free of dust before pasting.



☐ Do not fold, twist or step on the led strips.



☐ The LED strip wire ends cannot be shorted together.

## PART 7 Product Accessories



Power Supply



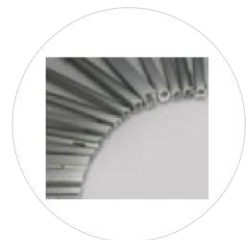
Connector



Weldless Connector



Controller

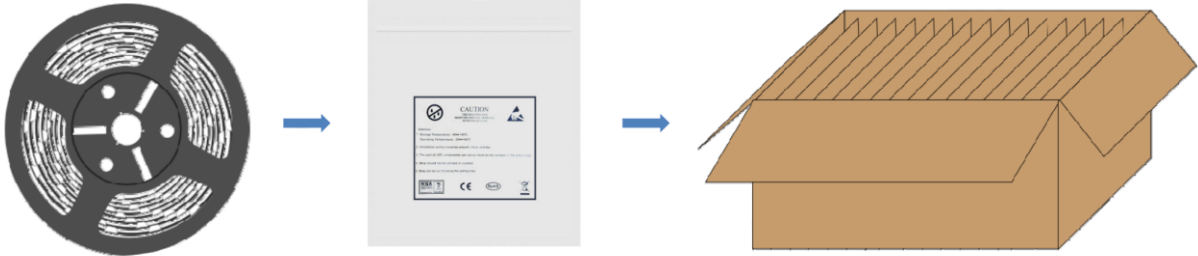


Aluminum profile

➤ Please purchase the above accessories according to your demand.

**PART 8** Packaging Instructions

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- Standard: 5m/roll, custom lengths supported
- No heavy stacking / stepping on cartons
- Check goods first if outer box damaged before signing