LED STRIP SPECIFICATION

# 2835 DC12V 240LED 3PIN 10MM CCT LED STRIP SPECIFICATION

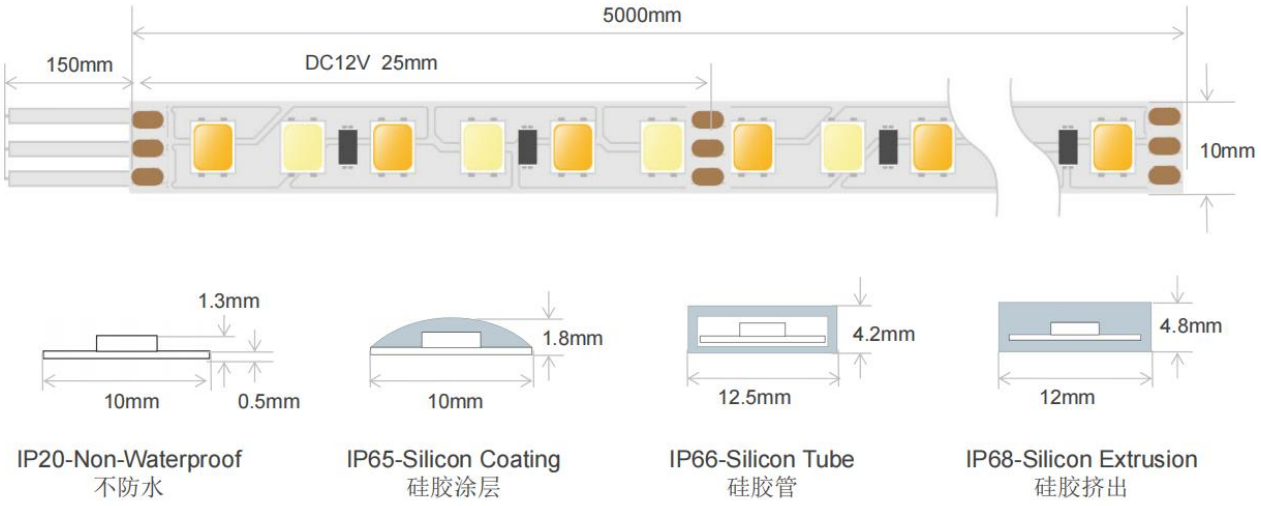
Product Model：2835-dc12v-240led-3pin-10mm-cct

## PART 1 Product Specification

## Electrical & Optical Parameters

| Parameter | Value |
|---|---|
| **Input Voltage** | *DC 12V* |
| **Current** | *1.66 A/m* |
| **Working Power** | *20 W/m* |
| **PCB Width** | *10 mm* |
| **Cut Length** | *25 mm (6 LEDs)* |
| **LED Type** | *SMD2835* |
| **LED Quantity** | *240 LEDs/m* |
| **LED Color** | *Warm white + Cold white* |
| **Beam Angle** | *120°* |
| **Luminance** | *1800-2000 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* |

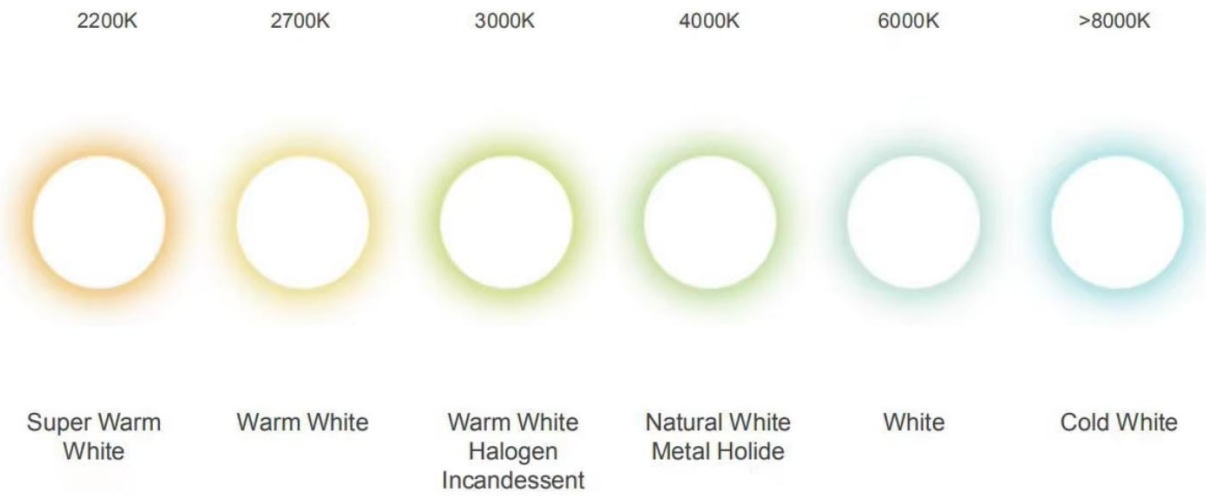
## PART 2 Product Dimensions




## PART 3 Color Standard

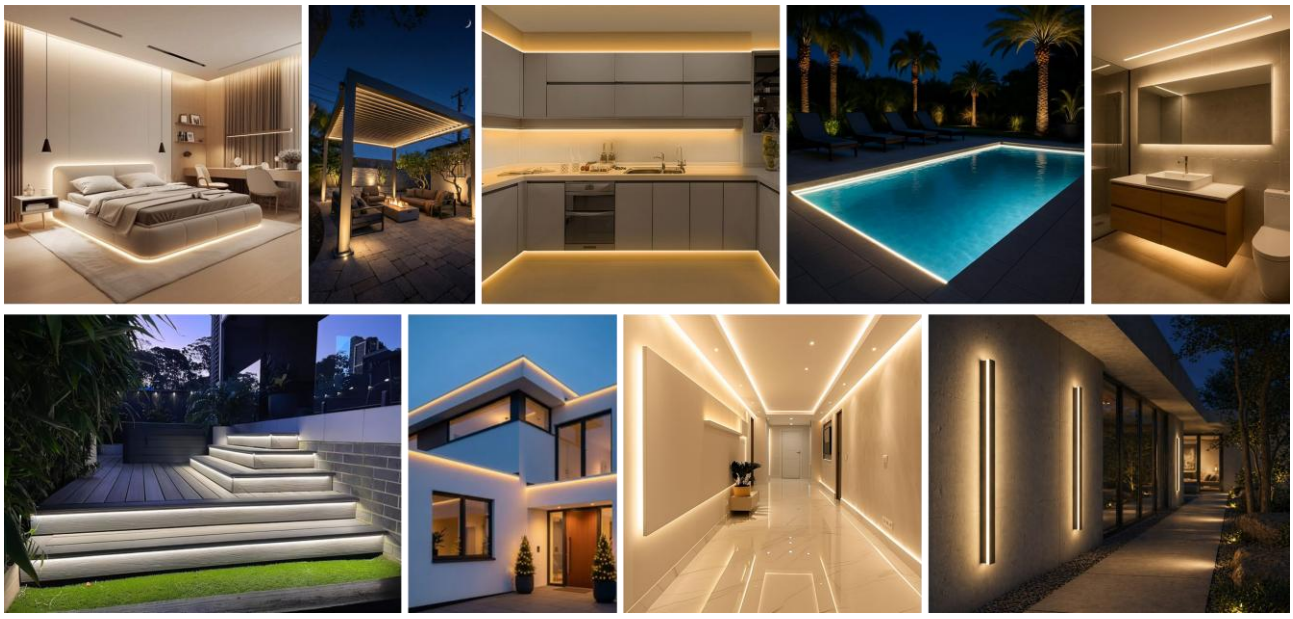
### Color Temperature Reference

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



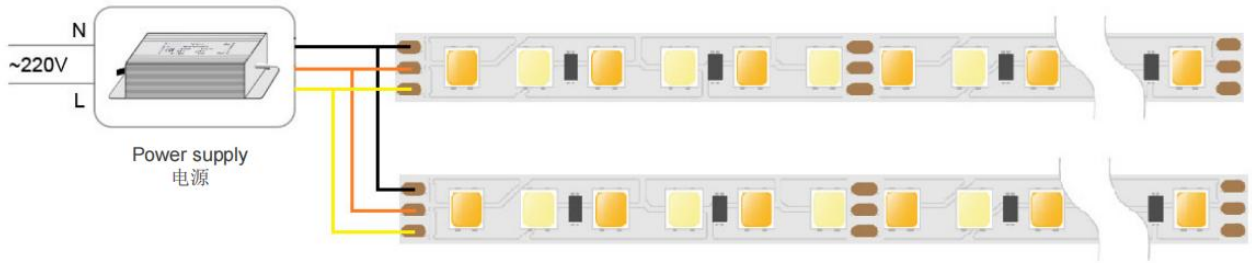

Only one Bin LED is used for each order. The same Bin is maintained in subsequent orders to ensure colour consistency across batches.

## PART 4 Production Application



# PART 5 Wiring Diagram

### 1. Connection method one/接线方式一

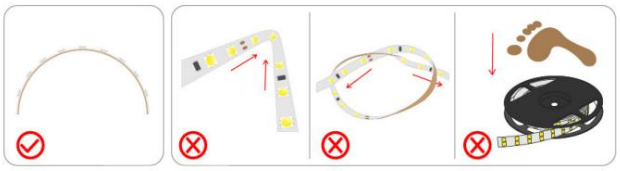



### 2. Connection method two/接线方式二

## PART 6 Precautions

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

☐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.

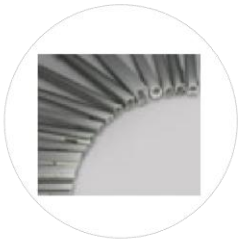
## PART 7 Product Accessories

Power Supply

Connector

Weldless Connector

Controller



Aluminum profile

➢ Please purchase the above accessories according to your demand.

## PART 8 Packaging Instructions

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