

## LED STRIP SPECIFICATION

# 5050 DC24V 96LED 6PIN 12MM RGBCCT LED STRIP SPECIFICATION

Product Model : 5050-dc24v-96led-6pin-12mm-RGBCCT

## PART 1 Product Specification

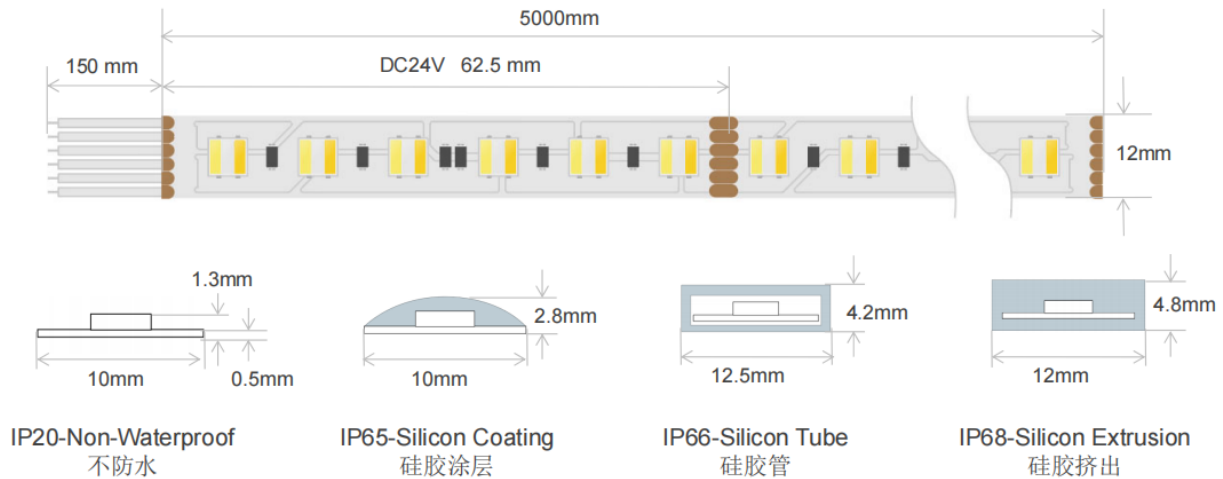
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**Electrical & Optical Parameters**

| Parameter           | Value            |
|---------------------|------------------|
| Input Voltage       | DC 24V           |
| Current             | 0.92 A/m         |
| Working Power       | 22 W/m           |
| PCB Width           | 12 mm            |
| Cut Length          | 62.5 mm (6 LEDs) |
| LED Type            | SMD5050          |
| LED Quantity        | 96 LEDs/m        |
| LED Color           | 1800K – 10000K   |
| Beam Angle          | 120°             |
| Luminance           | 810-900Lm/m      |
| CRI (Ra)            | Ra>80            |
| Working Temperature | -20 °C – +60 °C  |
| Storage Temperature | -20 °C – +60 °C  |
| Waterproof Rating   | IP20             |
| Lifespan            | > 50 000 hours   |

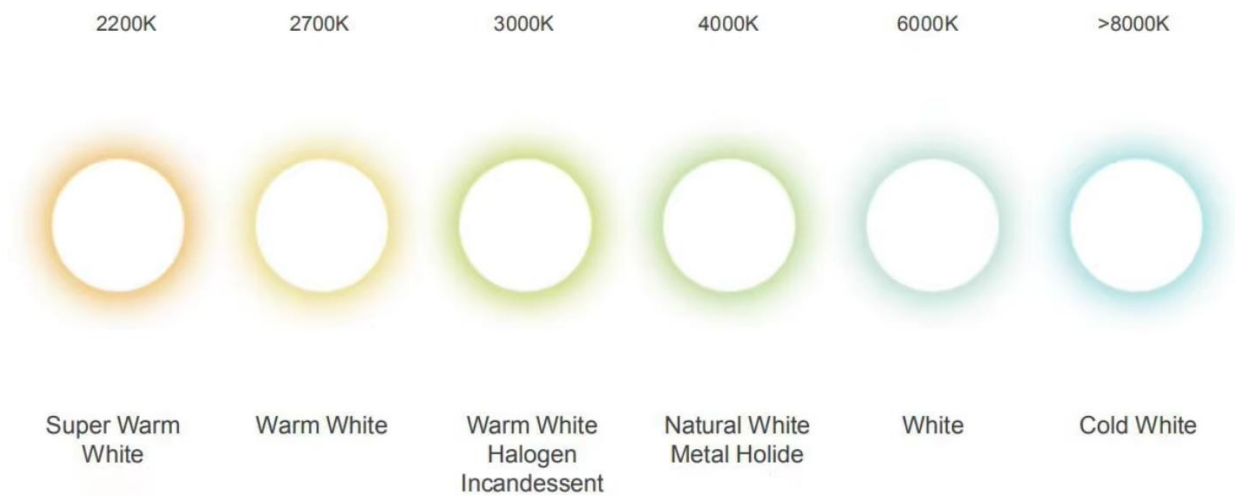
## PART 2 Product Dimensions



## PART 3 Color Standard

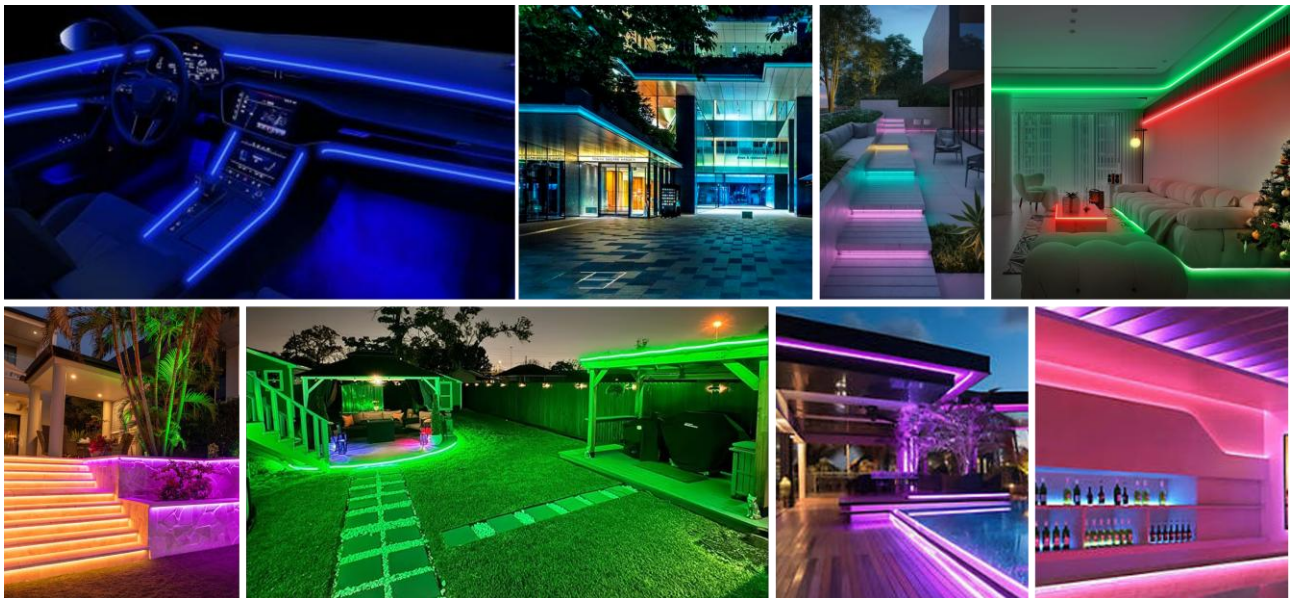
### Color Temperature Reference

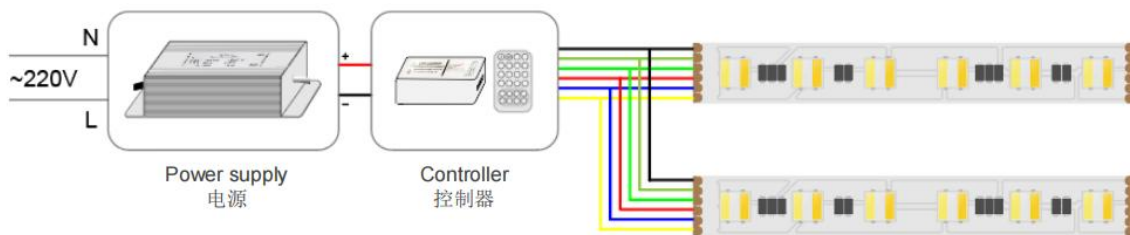
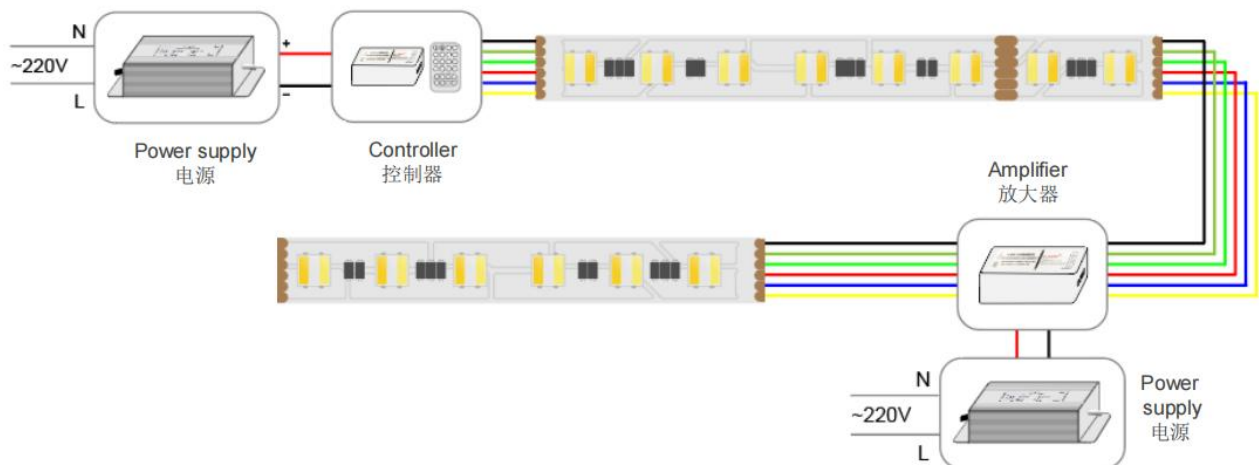
| < 2200K                 | 2700K             | 3000K                         | 4000K                | 6000K             | > 8000K           |
|-------------------------|-------------------|-------------------------------|----------------------|-------------------|-------------------|
| <b>Super Warm 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**

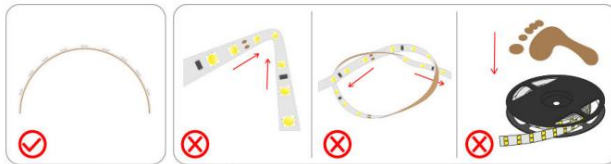
## PART 6 Precautions



☐ 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



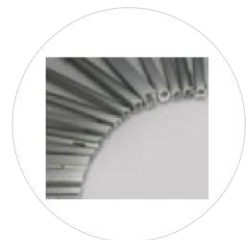
Connector



Weldless Connector



Controller

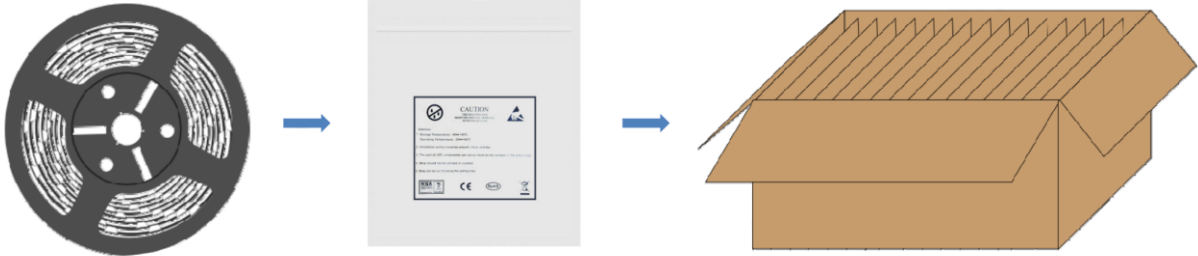


Aluminum profile

➤ 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