LED STRIP SPECIFICATION

5050 DC24V 96LED 5PIN 12MM RGBW LED STRIP SPECIFICATION

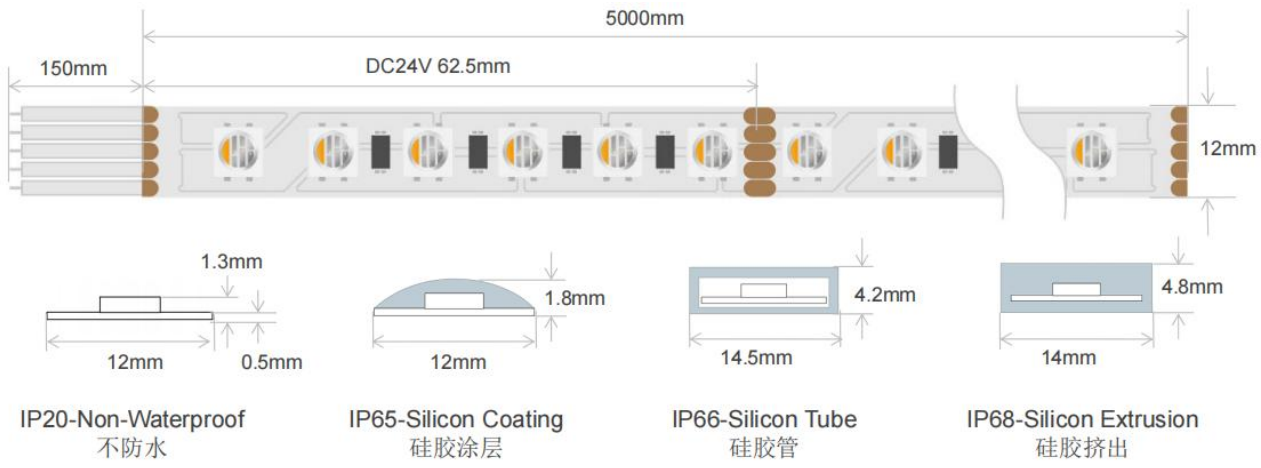
Product Model：5050-dc24v-96led-5pin-12mm-RGBW

PART 1 Product Specification

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	*495-540lm/W*
CRI (Ra)	*Ra>80*
Working Temperature	*-20 °C – +60 °C*
Storage Temperature	*-20 °C – +60 °C*
Waterproof Rating	*IP20*
Lifespan	*> 50 000 hours*

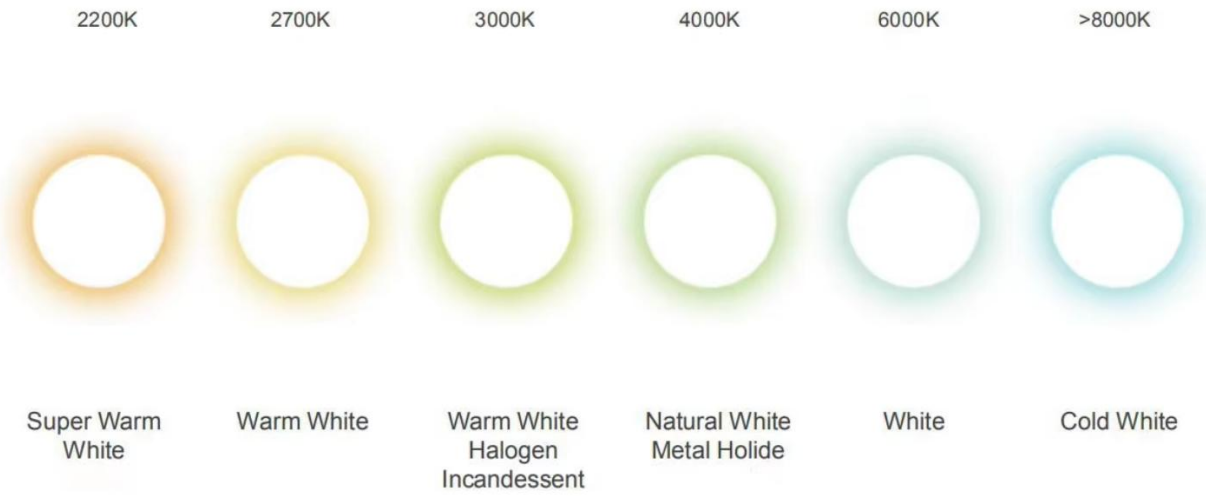
PART 2 Product Dimensions



PART 3 Color Standard

Color Temperature Reference

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

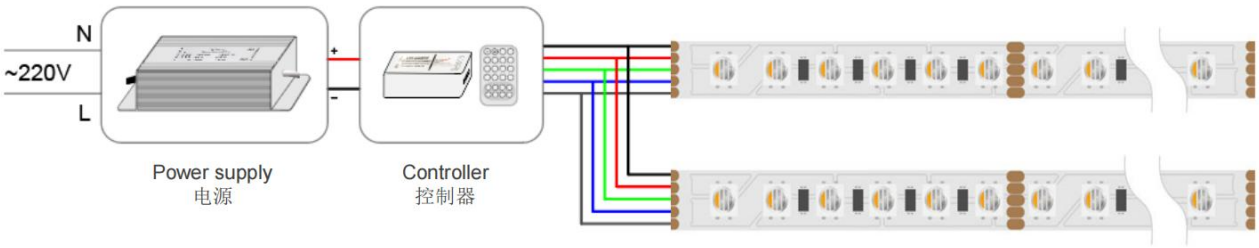


Only one Bin LED is used for each order. The same Bin is maintained in subsequent orders to ensure colour consistency across batches.

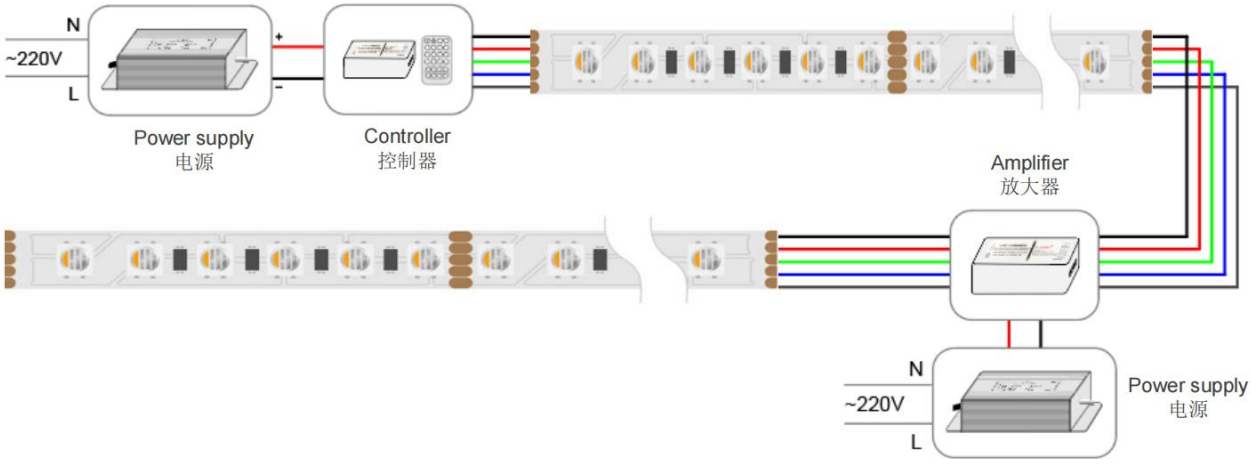
PART 4 Production Application

PART 5 Wiring Diagram

1. Connection method one/接线方式一



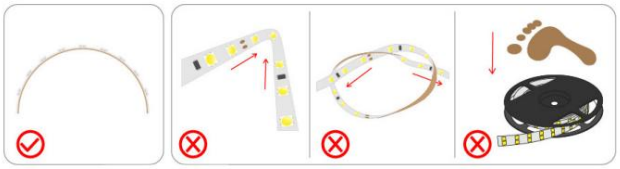
2. Connection method two/接线方式二



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.

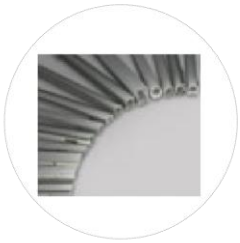
PART 7 Product Accessories

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