

LED STRIP SPECIFICATION

2835 DC5V 168LED 2PIN 8MM WHITE LED STRIP SPECIFICATION

Product Model:2835-dc5v-168led-2pin-8mm-w

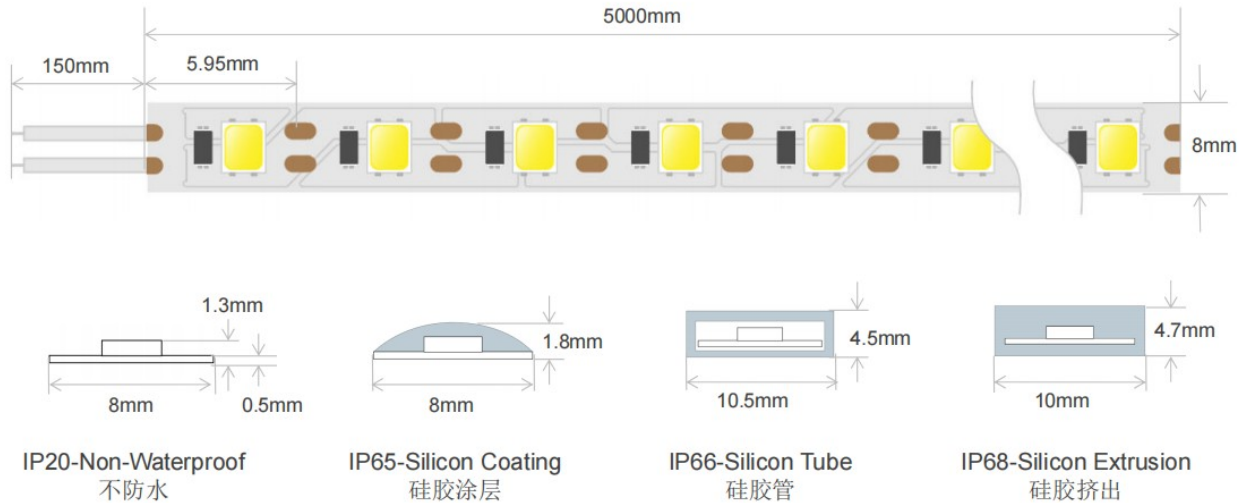
PART 1 Product Specification



Electrical & Optical Parameters

Parameter	Value
Input Voltage	DC 5V
Current	2.88 A/m
Working Power	14.4 W/m
PCB Width	8 mm
Cut Length	8.3 mm (1 LEDs)
LED Type	SMD2835
LED Quantity	144 LEDs/m
LED Color	1800-20000K
Beam Angle	120°
Luminance	1440 Lm/m
CRI (Ra)	> 90
Working Temperature	-20 °C – +60 °C
Storage Temperature	-20 °C – +60 °C
Waterproof Rating	IP20/IP65/IP66/IP68
Lifespan	> 50 000 hours

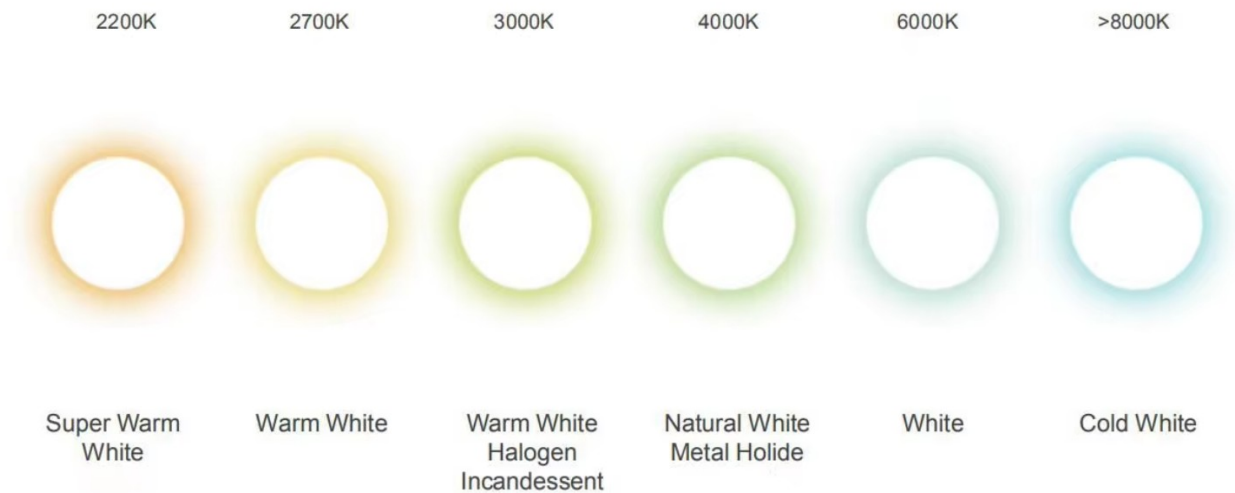
PART 2 Product Dimensions



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



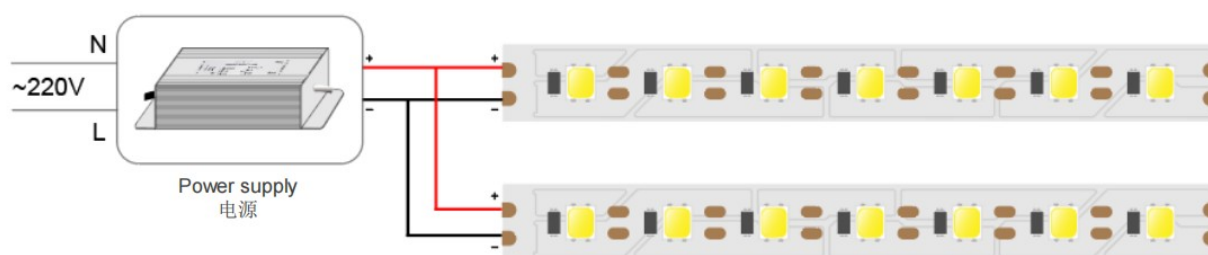
Only one Bin LED is used for each order. The same Bin is maintained in subsequent orders to ensure colour consistency across batches.

PART 4 Production Application

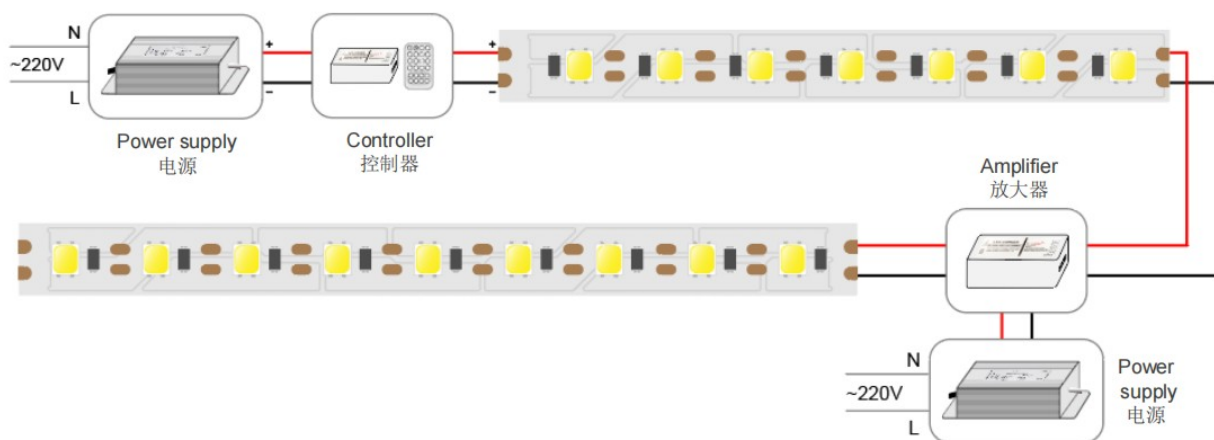


PART 5 Wiring Diagram

1. Connection method one/接线方式一



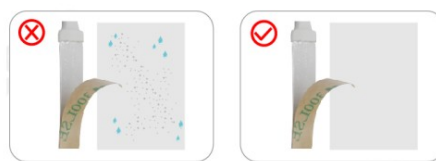
2. Connection method two/接线方式二



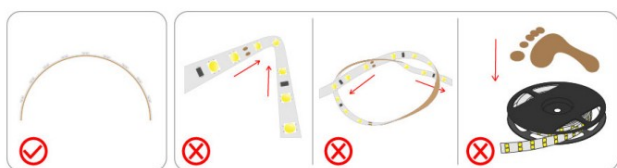
PART 6 Precautions



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



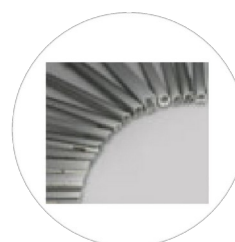
Connector



Weldless Connector



Controller



Aluminum profile

- Please purchase the above accessories according to your demand.

PART 8 Packaging Instructions



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