



**DC24V-SM16704RGBW-60Led/M Strip**



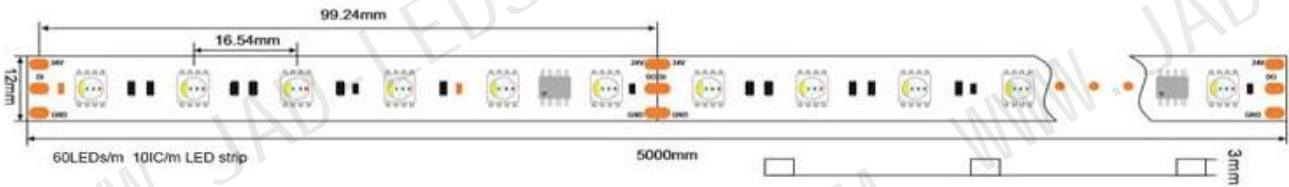
**Specifications:**

- 1).LED Source: 5050SMD RGB SM16704 chipset
- 2).IC Type: SM16704PB
- 3).Working Input Voltage: DC24V
- 4).Output Power: 0.3w/ leds
- 5).Drive Mode: Contant Voltage
- 6).LED Quantity: 60 leds/Meter ( 24V:6LEDs is separately controlled)
- 7).IC Quantity: 10 IC/Meter (24V:1 IC drives 6 led chip)
- 8).Pixels: 10 Pixels/Meter
- 9).Grey scale: 256
- 10).Color: RGB+W(6000K),RGB+WW(3000K)
- 11).View Angle: 120°
- 12).Working Temperture: -20° to 60°
- 13).PCB Color: White PCB
- 14).Waterproof: IP30: Non- waterproof, IP67: Waterproof in SiliconTube
- 15).PCB Width: 60LEDs/m-10mm
- 16).Power: 60LEDs/meter - max 18W/Meter

**Features:**

- 1) Addressable DC24V SM16704 LED Strips; Long life span 30,000+ hours;
- 2) Super bright 5050 SMD top LED, high intensity and reliability;
- 3) Addressable, SM16704 IC built outside;
- 4) SM16704 has 3 Wires input and output: Data , GND and Power+;
- 5) Six leds one cut;
- 6) PWM 1.2KHz/m, Data transmit up to 800kbps, 256 grayscale effect;
- 7) Each IC control 3 leds and 6 leds;
- 8)Adopt unipolar return-to-zero code data protocol

**LED Strip dimension**



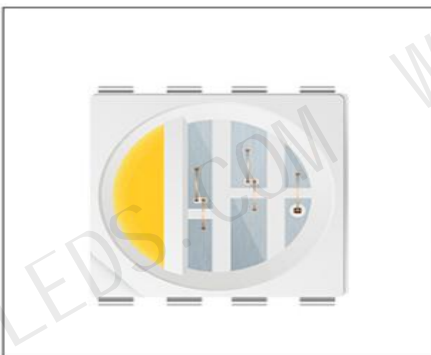
**IP Rating :**



**Cuttable :**



6LEDs is cuttable



**High Quality LED Chips**  
Pure Gold Line Copper Bracket



**Cuttable**  
You Can Cut The Led Strip, The Rest Of Them Can Work Fine



**Adhesive**  
There is Tape On The PCB's Back. (Only IP30 And IP65) Note:IP67 Gets No Tape.

**DC24V 60LED per meter SM16704 RGBW LED pixel strip Connection:**

DC+: connect to power supply DC+

DAT: connect to controller DAT

GND: connect to power supply GND & controller GND

**Ends of the LED Strip with 3Pin Connector.**

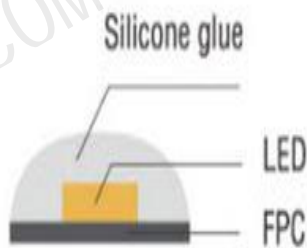
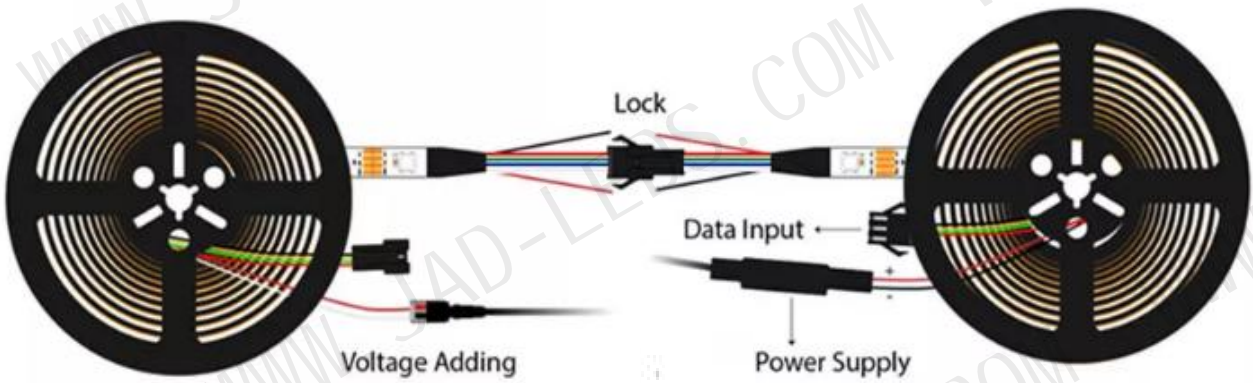


**Male Connector (Data Output)**



**Female Connector (Data Input)**

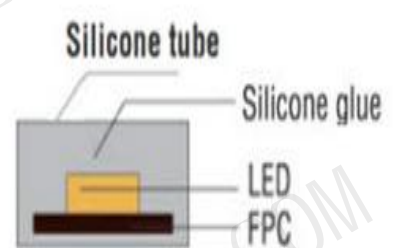
**Voltage-Adding Wires**



**IP65 Waterproof**



**IP67 Waterproof**

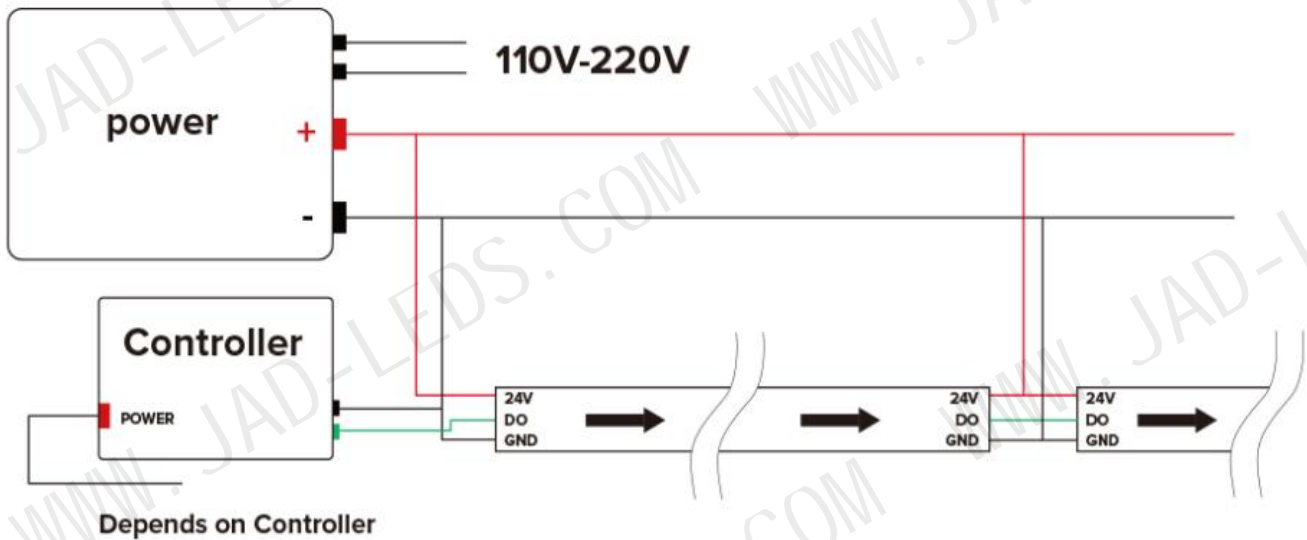


**IP68 Waterproof**

**Protection grade:**

- (1) IP30 --- No waterproof, for indoor use
- (2) IP65 --- Silicone coating, easy cut, outdoor use
- (3) IP67 --- Silicone tube, need reseal after cut, outdoor use
- (4) IP68 --- IP65+IP67, can work underwater ( if you need we can make for you ! )

# Distribution Wiring Diagram



- 1) First reel strip end connects to second strip top, make longer size, if there is voltage dissipation, need connect second reel strip power cable (DC+ and ground) to power supply

1. Please read the specifications and precautions carefully before installation.
2. Please do not use nails or sharp instruments to install led strip on the object, use double-sided tape or glue or wall mounted on plywood.
3. Fixed led strip, you can not use acidic glue, it is recommended to use a neutral glue.
4. This product is a constant voltage DC24V, make sure Power is right before installation, after installation, check the wiring is.
5. correct or not , so that avoid the product been burned.
6. This product is recommended use in parallel. when the length is more than five meters, the tail so be power to ensure the brightness is enough or uneven.

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