



**DC12V-WS2811RGB-30/48/60/96/144Led/M Strip**



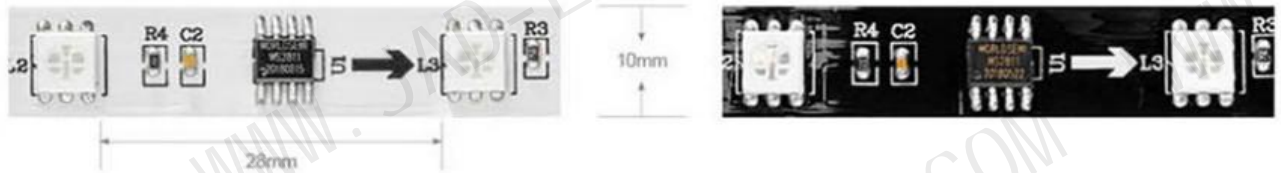
**Product parameter:**

- (1) Working Voltage: DC 12V**
- (2) LED Source: SMD 5050 RGB**
- (3) LED Chip: Epistar**
- (4) LED QTY: 30/48/60/96/144 LED/M**
- (5) IC QTY: 10/16/20/32/48 Pcs/M**
- (6) Power: 9/14.4/18/28.8/43.2 W/M**
- (7) Grey Scale: 256 / Color**
- (8) Cutability: 3 led / cutting ( External 2811 ic, 1 ic control 3 LED )**
- (9) Beam Angle: 120 °**
- (10) Color Mode: 133Pattern & 100 Speeds**
- (11) Dimension: 5000mm x 10mm x 2.4mm**
- (12) Packaging: 5m / roll 12v ws2811 rgb strip + 3 pin connector**

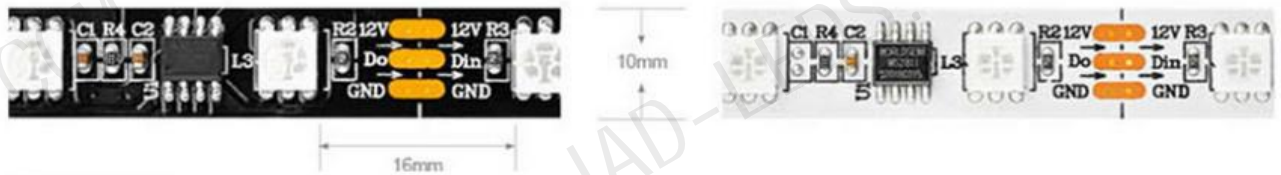
Features:

- (1) Flexible PCB ( IP30,IP65) With adhesive tape on the back for easy installation.
- (2) Energy saving and environment protection.
- (3) High brightness 5050 SMD LED light strip.
- (4) Solid-state, high shock or vibration resistance.
- (5) Low power consumption, high intensity.
- (6) Match the RGB controller and power supplier system.
- (7) Wide viewing angle.
- (8) Available in various single and RGB colors.

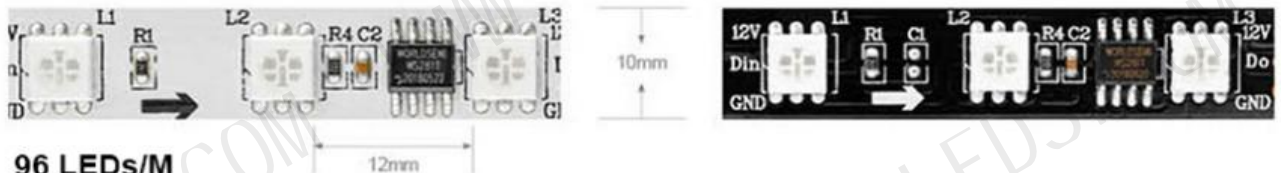
**30 LEDs/M**



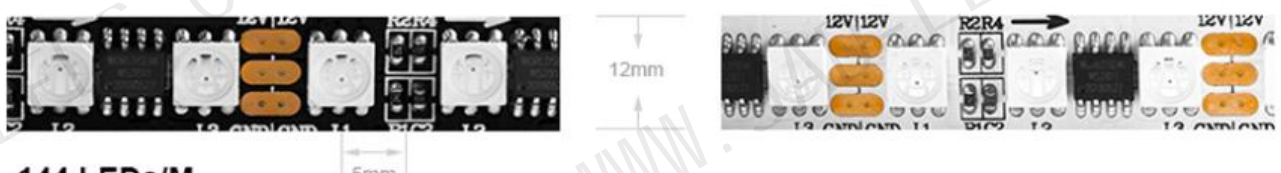
**48 LEDs/M**



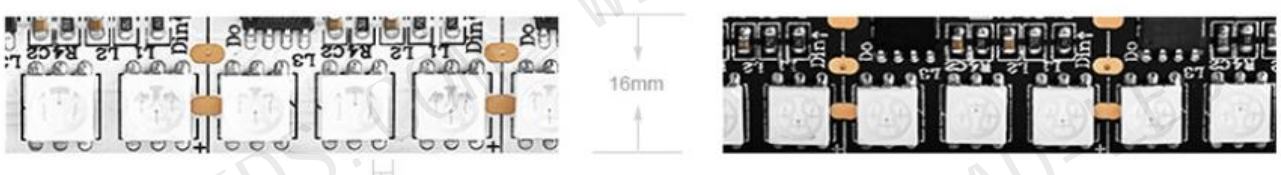
**60 LEDs/M**



**96 LEDs/M**



**144 LEDs/M**



Every 0.5meter with solder joints, please note !

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

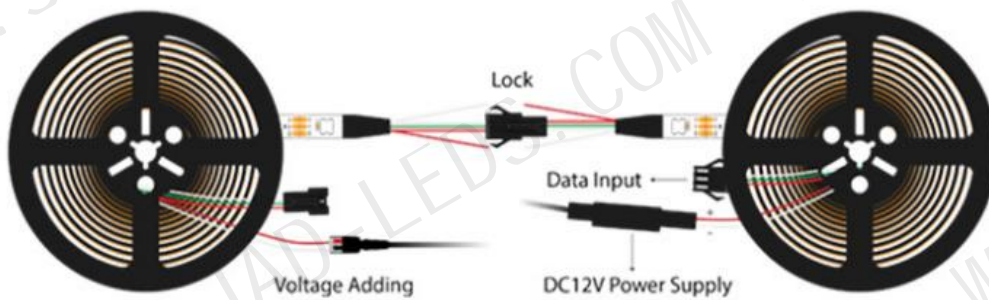


Male Connector (Data Output)



Female Connector (Data Input)

Voltage-Adding Wires



**END TO END CONNECT**

- End to End connect
- DC12V Voltage-Adding . It is Better to Add DC 12V Voltage Every 16.4ft or 300EDs, Because the LEDs at the Far End of the Strip Might Be Dimmer.



5050SMD RGB Chip

5 Pure Gold Line  
Red Line,Green Line,Blue Line



WS2811 IC

WS2811 IC more stable  
One IC Control Three Led Chip



3M Adhesive

The is 3M Adhesive On The PCB Back  
(Only IP30 And IP65)

**1.Easy installation,Every one LED lamp can be arbitrary cut off, good flexibility, easy installation, can be arbitrary bendin**

**2.Dream color lighting,Match use controller can appear colorful curtain-up/ flow water/raindrop/jump flash and so on hundreds of lighting effect,**

**3.you can also edit animation effect by Coreldraw/Flash/LedEdit software.the city lighting project, entertainment and leisure places lighting.**

**IP30**

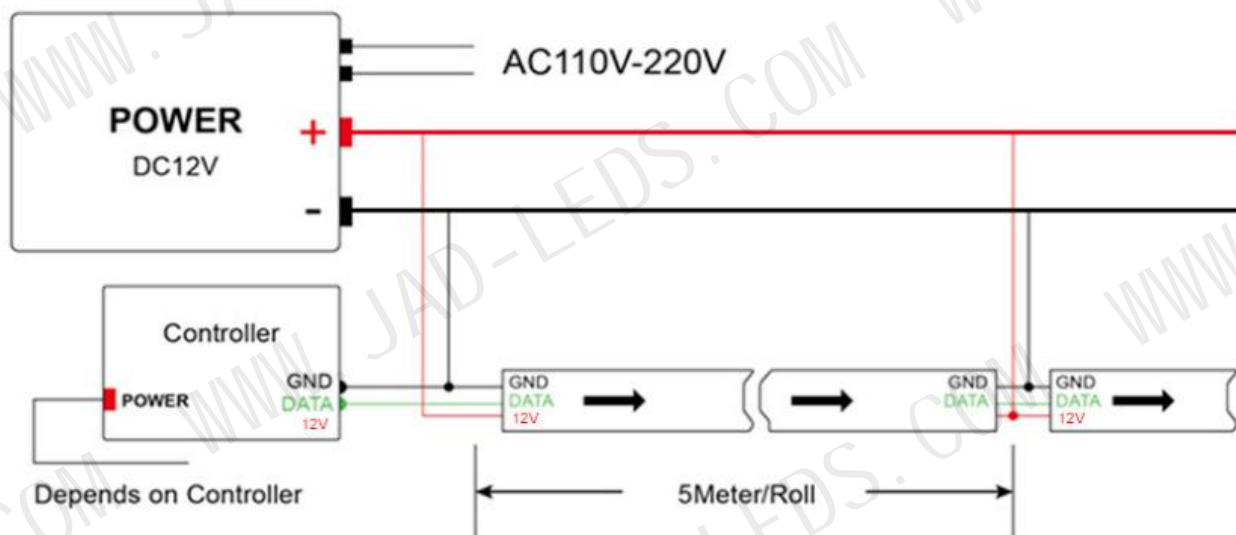
2.13mm

**IP65**

3mm

**IP67**

3.85mm

**Distribution Wiring Diagram**

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 ! )

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 DC12V, 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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