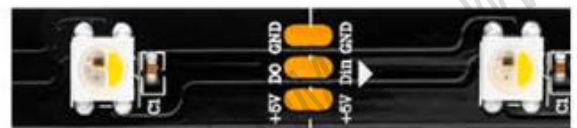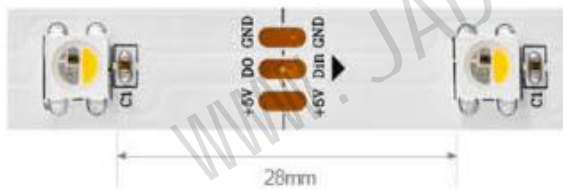**DC5V-SK6812RGBW-30/60/74/96/144Led/M Strip**

Description:

1)PCB Background: White/Black

2)Colors: Full color RGBW,5050SMD RGBW built-in SK6812 chipset

3)Waterproof level: IP30: Non- waterproof, IP65: Waterproof in Silicon Coating, IP67: Waterproof in SiliconTube.

4)Working Voltage: 5V DC

5)IC chip: SK6812RGBW

6)LED Quantity: 30/60/144leds / m, (1 IC drives 1 led chip)

7) FPC Width: 10/10/12mm

8)Working Temperature: -20 to 50

9)Wattage: max9/18/43.2W/meter

10)Wave length(NM): Red,620-630nm ; Green,515-5250nm ; Blue,460-470nm

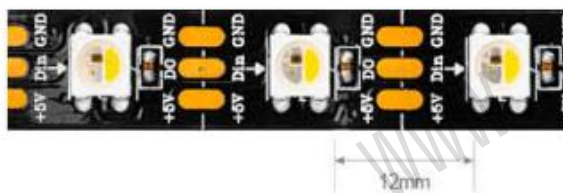**11)Color Temperature: RGBW (WW 2700-3000K ; CW 6000-6500K;NW 4000-4500K)**

Product Features:

1, the control principle: an IC control an LED form a loop (a), the controller IC on the FPCB through the control circuit inside the control to control the LED lights change different effects;

2, environmental safety: high quality highlight SMD 5050 LED. With small power consumption, resulting in less heat, no glare, impact resistance and other characteristics. Low voltage DC 5V power supply, high security and reliability.

3, color can be varied by the controller needs to be adjusted according to the customer.

4, long life: average life expectancy of 50,000 hours.

5, cutting, welding facilitate freedom: each group of LED to form a loop, you can cut off any tangent meet customer requirements and demand for welding various lengths of light bar along the top.

6, soft: A soft FPCB board as a substrate, can butt, bending, cutting, and easily fixed to unsmooth surface.

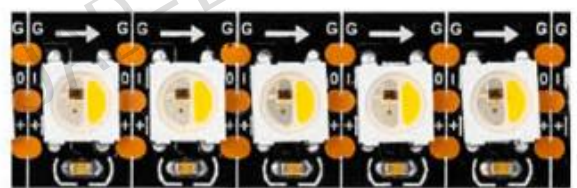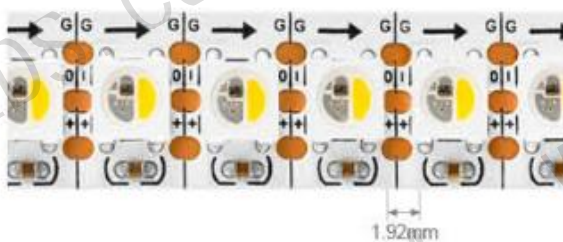7, light, thin: suitable for installation in narrow space inside

30 LEDs/M

60 LEDs/M

144 LEDs/M

Every 0.5meter with solder joints, please note !

IP30 Non Waterproof

IP65 Waterproof

IP67 Waterproof

Individually Addressable

Size:5mm*5mm
Every LED is Addressable
One IC Control One Led
(11Pure Gold Line)

Cuttable

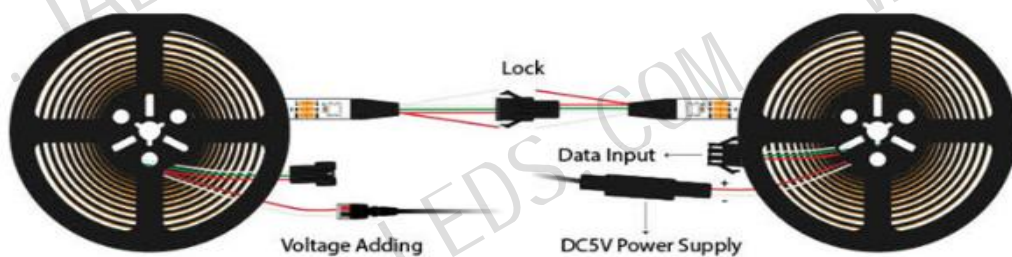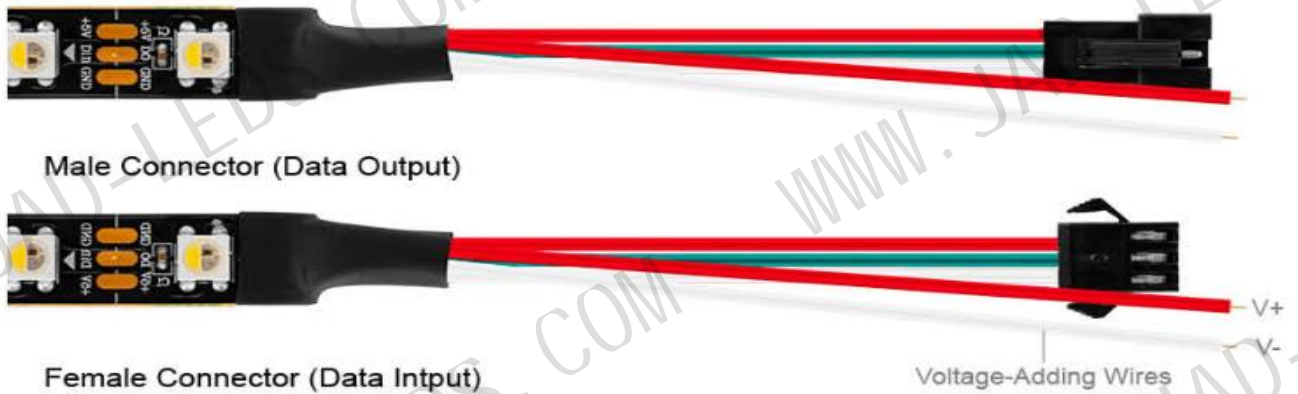Every Led Chip Can be Cutted
The Rest Of Them Can Be Work

3M Adhesive

IP30&IP65 Led Strip Have 3M Adhesive
(IP67 Without 3M Tape)

Product Decsription:
1) SK6812RGBW Led Strip is Powered By "DC5V Power Supply" .
2)You must need SP105E/SP107E/SP108E/T-1000S Controller to control it.
3) 3-Pin JST Connector Included:White:GND,Green:DATA,Red:VCC,
4) The Strip Has 3M Adhesive Tape On The Back(Except Ip67). Installation Surface Must Be Smooth, Clean And Dry.
5) Led Strip Can Be Cut Between Every 2Led To Create Custom Lengths.
6)Do Not Bend Strip Sharply.
7)Longer Runs Should Be Powered From Both Ends To Reduce Voltage Drop.
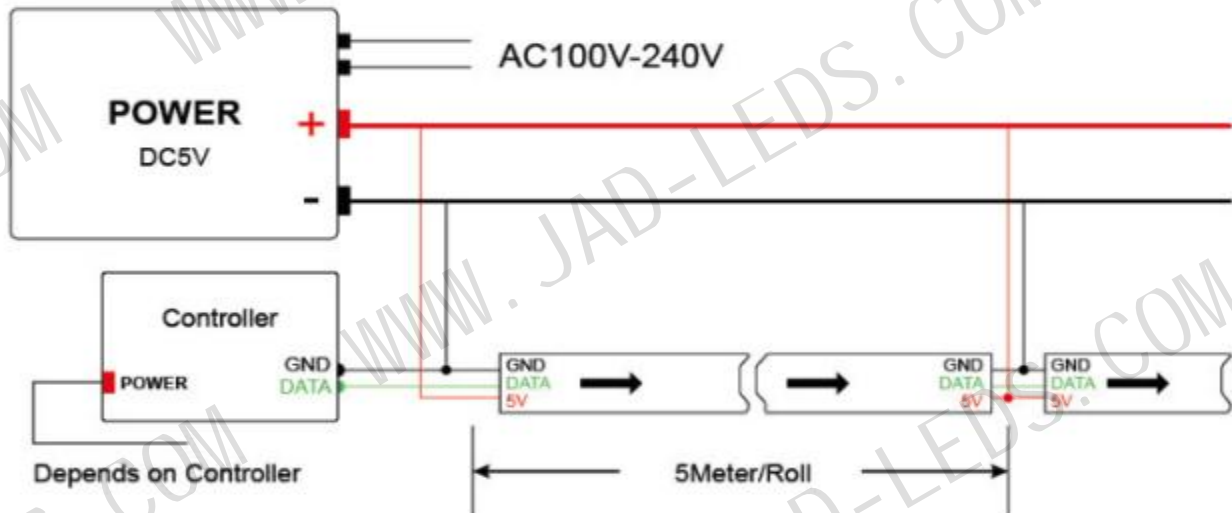8)3-Pin JST Connector Wire is 20AWG.

Ends of the LED Strip with 3Pin Connector.

Male Connector (Data Output)

Female Connector (Data Intput)

Voltage-Adding Wires

V+

V-

Lock

Data Input

Voltage Adding

DC5V Power Supply

END TO END CONNECT

- End to End connect
- DC5V Voltage-Adding . It is Better to Add DC5V Voltage Every 16.4ft or 300EDs, Because the LEDs at the Far End of the Strip Might Be Dimmer.

AC100V-240V

POWER
DC5V

Controller

POWER

GND
DATA

GND
DATA
5V

GND
DATA
5V

GND
DATA
5V

Depends on Controller

5Meter/Roll

1.Please read the specifications and precautions carefully before installation

2.Please do not use nails or sharp instruments to intall 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 DC5V, 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