



# ShenZhen Shiji Lighting Co.,Ltd

Ad: Building B 3th Yushan Industrial Park Shi Yan Bao An District Shenzhen China

Tel: 0086-755-23125058 Fax:0086-755-23125658 Web:[www.shiji-led.com](http://www.shiji-led.com) E-mail: [contact@shiji-led.com](mailto:contact@shiji-led.com)



## Addressable WS2801 LED Strip

1 Meter with 32 pcs 5050 LEDs

### Applications :

The excellent light and user friendly designs make LED strip perfect for numerous applications , i.e cove lights , back lights , cabinet lights , edge light, architectural lights for corridor , canopy , archway , lights for path and contour marking ; etc .

They can be a good choice for lights for hotels , restaurants , night clubs , coffee / wine bars , shopping malls , various shops , cinemas , beauty centers , office fronts , even lights for household kitchens or living rooms , etc .

### Features and Benefits :

- Control IC included , supporting numerous Color change effects ;
- Pcontrol by SD controller,Arduino,DMX512,Artnet
- Flexible PCB white color , 5V low voltage input ;
- Every 1 Leds linear separable , custom length available ;
- Eco green light , no UV , IR ;
- Extremely long lifespan & lower power consumption ;



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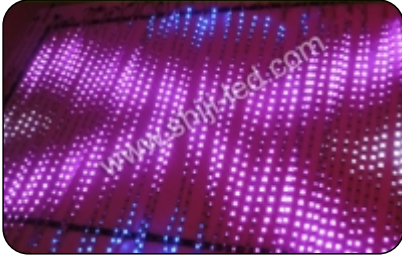
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## Technical Parameters :

Light source	Epistar 5050 SMD LEDs
Beam angle	120 deg .
Operating voltage	DC5V
Consumption watts per 32 LEDs M	3 ~ 9 (max )W
Pixel pitch ( mm )	P31 .25mm
Pixel resolution ( Dot /m <sup>2</sup> )	1024
Entire piece LED quantity	32 pcs
Printed circuit board thickness	0 .25mm
Operation Temperature	-10 -40
Storage Temperature	-20 -80

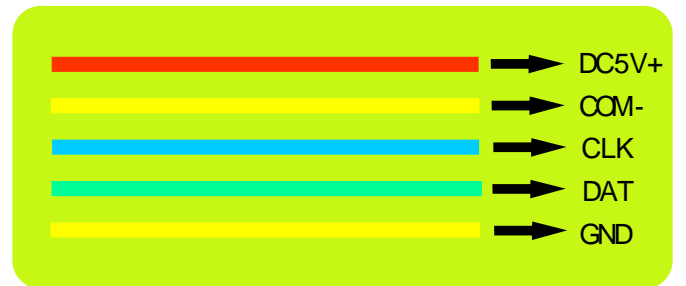
## Technical Parameter

Part Number	Emitting Color	LED Quantity	Voltage ( V )	Power ( W /1m )	Current ( A /1m )	Lumen per 1m /32LED	Waterproof IP:65
SJ -10032-S	RGB	32 /1M	5	9W	1 .8A	R29 /G81 /B27 lm	Resin
SJ -10032-P	RGB	32 /1M	5	9W	1 .8A	R29 /G81 /B27 lm	PVC Tube

PVC Tube Housing Resin Glue waterproof



Resin Glue waterproof



- 2 Pin JSM connector
- 4Pin JSM connector signal input
- 4Pin JSM connector signal output

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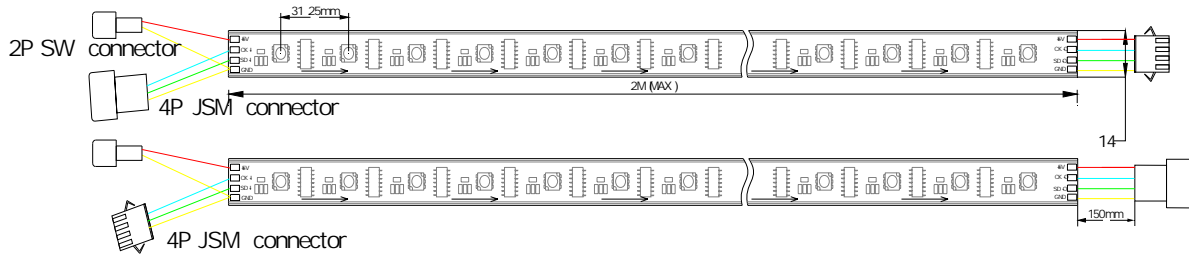


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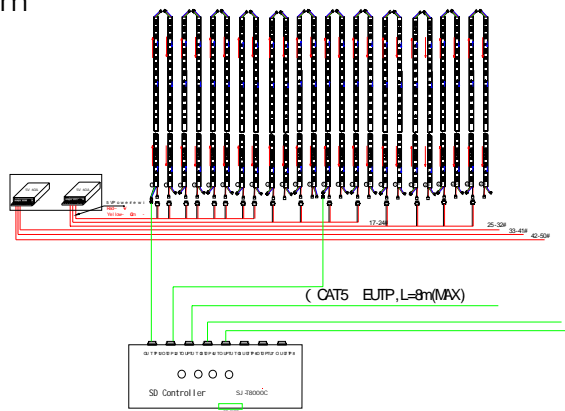
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Outline Dimension : U(rit :mm )



Cording Diagram



LED power supply depend on the total power from LED strip  
LED controller depend on the IC Quantity on your strip

## Shiji Instruction for Flex Led Strip

- 1) Qualified technicians needed for installation for our Flex Led Strip. Specific electrical and safety standards needed to be followed .
- 2) All applicable electrical and safety standards should be considered when installing the LED strips or related parts like power supply , LED controller and etc .
- 3) Attention should be paid to standard ESD precautions when installing the strips . It is advised to use a wrist strap during soldering to remove any static electricity . Static electricity may damage the LEDs and other components on the strip .
- 4) The conducting paths on the flexible PCB board should not be damaged during assembly . The strip and all components on it should not be mechanically stressed . The strip may be curved around small radii provided there are no LED components on the bend and the force does not crease the strip . The strip should be secured down immediately to avoid fatigue and breakage .
- 5) Proper power supply should be needed to feed the Led strip .

Bending operation:



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- 6) Electrical polarity are printed on the strip and should be observed . Wrong polarity may destroy the strip .
- 7) The LED strip can be cut to fit into installations if necessary . Cutting marks are printed on the strip and must be adhered to . The smallest workable segment of the single color strip is 100mm long of 3 pcs 5050 SMD LEDs .
- 8) Solder connection should only be performed on designated solder pads on the strip . During soldering , do not exceed the maximum soldering temperature of 260 Celsius degrees and the maximum soldering time of 10 seconds .
- 9) When mounting on metallic or otherwise conductive surfaces , there needs to be an electrical isolation points between strips and the mounting surface .
- 10) Flex Led strip should be installed in proper environment protection against corrosive agents such as moisture and condensation and other harmful elements .

## Warranty Terms :

### 1) Our Warranty to You

**ShenZhen Shiji Lighting co Ltd** warrants its addressable RGB Flex Led Strip . d(ther than LED

- ✚ To be free from defects in material and workmanship under normal use and service ;
- ✚ Warranty period : 36 months , effective from the date of shipment
- ✚ Warranty only for original purchaser for flex Led Strip .

### 2) How to Get Our Warranty Service

To get Warranty Service from Shiji , you only need to :

- ✚ Provide us with purchase PI No , Part
- ✚ Provide us photos for the defective Led
- ✚ When requested by ShiJi , return the defective LED

### 3) Warranty Service

- ✚ Repair the defective LED product
- ✚ Replace the defective LED product

### 4) Exclusions from Our Warranty

- ✚ Any repair , replacement or alteration by a facility not approved in advance by ShiJi ;



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