# Flex Lighting Series





Vertical Ribbon adopts Φ5 LED as its luminous body which is of high intensity and large beaming angle. Leds, whose chips are from famous international company, are evenly set on the side of the flexible PCB board. Light emits from the vertical side.

Three LEDs make one group and each group can be cut according to the length requirement. Pins are set on every 6 leds which enable the ribbon be connected easily even after cutting. Available color: Red, Yellow, Blue, Green, White, Warm White, etc. This product can be widely used for indoor decoration, logos, signboards, ect, especially suits for small channel letter.

#### Vertical Ribbon

Part No.: RH-ZF5N-18Y

#### Specification:

Size: 300\*15mm

LED Spacing: 16mm

Weight: 13g

100°-120° Beaming Angle:



IP class:

**Electric Specs:** 

no

Input Voltage:

12VDC

Power Consumption: 0.18W\*6

Maximum Length of One Loop: 27pcs

Power Supply:

60W-12V-5A; 150W-12V-12.5A

Waterproof 30W-12V-2.5A;

Non-waterproof 55W-12V-4.6A,

150W- 12V-12.5A; 300W-12V-25A

Packing: 0.3 m/pc

### Green, Energy Saving

Low voltage,12 VDC, high brightness

**Conforming to International Standard** 

Absolutely safe and stable

Save 90% electricity compared

to traditional lights

### Longevity of Luminous Body:

All LED lights adopt super bright LED as their luminous body. Theoretically, the longevity of LED could be 50,000-100,000 MTBF(Mean Time Between Failure: average fault-free time, the standard usually measured by manufacturer of traditional lights ). Like traditional lighting products, the lumen of LED will also decrease as time goes on. LED lumen is influenced by environmental factors such as temperature, humidity, and ventilation condition. It also could be impacted by its design on heat sinking, current control, etc. To some extent, these factors are the main ones on LED longevity.

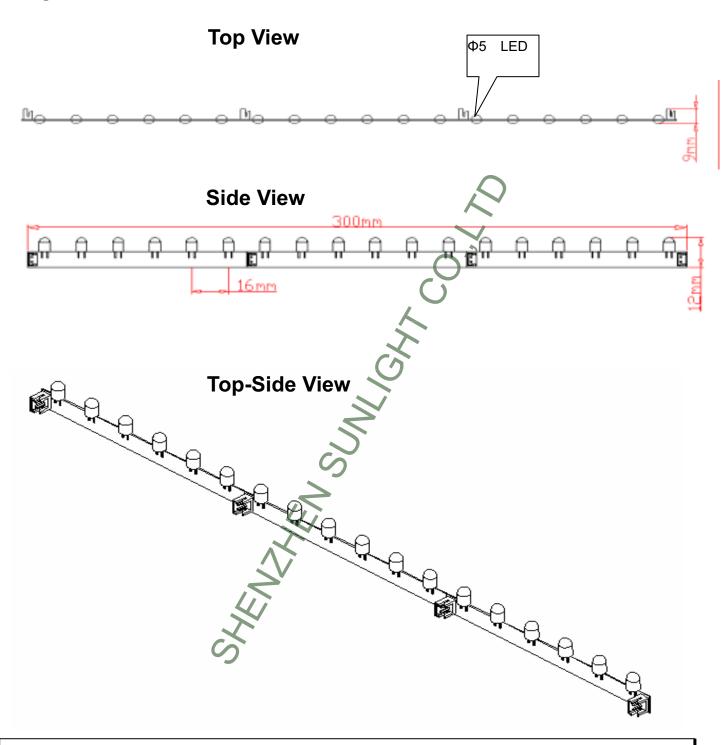
### Shenzhen Sunlight Co.,LTD

Address: 2F,3th Zhongxinwei Industrial Park, Bantian Town, Baoan District, Shenzhen,China Tel: (86) 0755-61261190/91/92/95/96 Fax: (86)0755-27184830

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## Diagram:





### **ATTENTION**

To ensure the longevity and stability of the ribbon, please do not curve it at the diameter below 60mm. No folding.

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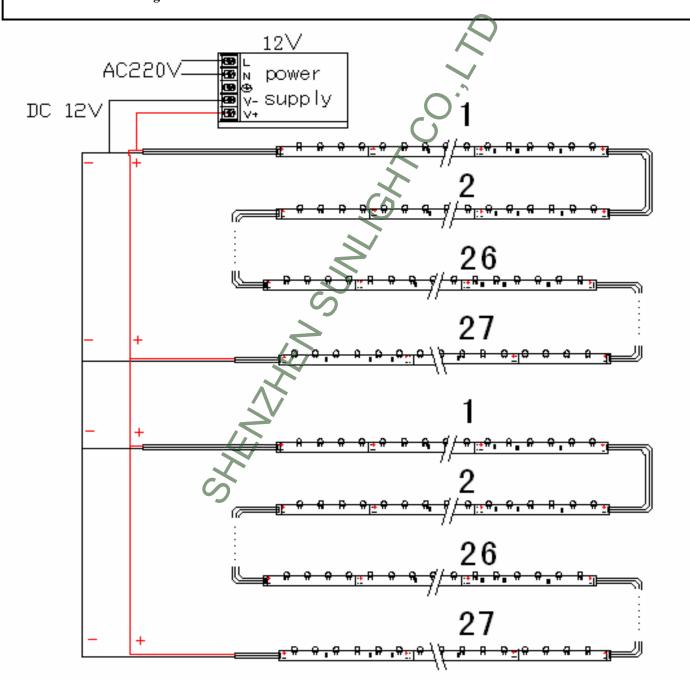
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### **WARNING**



- \* Do not touch INPUT PORT when power is on.
- \* Please leave 20% power free to protect the brightness of ribbon from being influenced by environments.
- \* Install this ribbon at desired installation spot.
- \* Please note the negative and positive polarity when you link wires of power supply to avoid short circuit.
- \* Make sure the output voltage of power supply is of the same with Vertical Ribbon' operating voltage.



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