

## **RL-STR -3030-48-24V-16mmX16mm-white**

**Dc24V 18W 48led 360 degree bendable 16mm 16mm flexible white led wall washer**



LED flexible wall washer, as the name suggests, is a flexible and bendable LED linear light, because its lighting effect will flow through the wall like running water, washing and lighting the wall, so it is also called LED wall washer. because of its unique flexible structure, enables the product to be bent in a certain arc in all directions, which solves the difficulty of splicing traditional LEDs at corners, and is often used for wall washing in arc-shaped buildings.

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- **Advantages**

Feature 1: Shell food grade Dow Corning silicone extrusion, good softness, weather resistance, aesthetics, stability;

Feature 2: Flexible structure design, the product can be flexibly bent up, down, left and right, solving the difficulty of bending and splicing traditional LEDs at the arc surface, and has a wide range of applicability;360 degree bendable.but make sure the diameter >30cm.

Feature 3: The lens adopts Fresnel optical design, the bead surface emits light, filters the variegated color, color spot, yellow light, and the light is uniform and soft;

Feature 4: The shell silicone tube is extruded in two colors, and the double-end plug is highly sealed, making the product up to IP67 protection level;

Feature 5: Zero distance between splicing and docking, to maximize the splicing without gaps and dark areas;

Feature 6: The light is uniform and soft, the distance from the wall is 5cm+ during installation, and the lighting effect of the light can make the wall washing height up to 3m;

Feature 7: Standard light strip 1m/strip, easy to package, transport and install, single-ended power supply can support 5m connection;

Feature 8: The color rendering index is as high as 90+, and the standard colors are 2700K, 3000K, 3500K, 4000K, 6500K.

Feature 9: It can replace the traditional hardware wall washer or LED light bar, with small size, light weight and flexibility; flexible application and easy installation; a variety of beam angles are available,  
Suitable for different environments/locations; Dual color, with the led dimmer system, you can get the lighting effect you want .

### Parameter

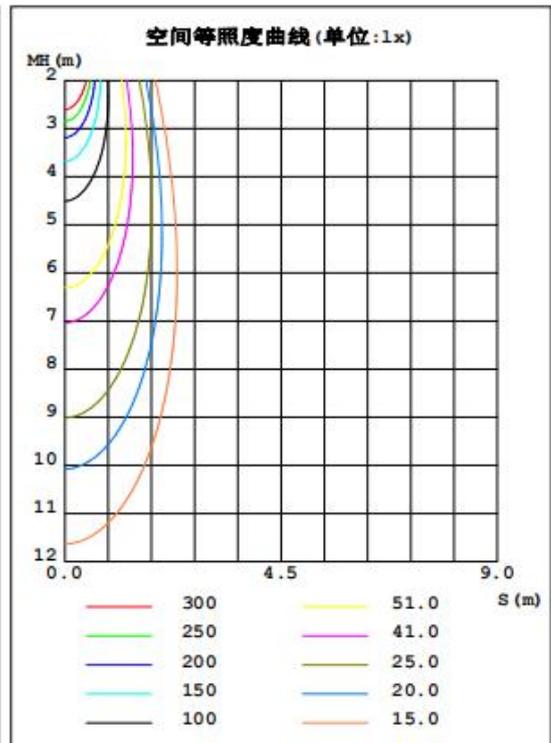
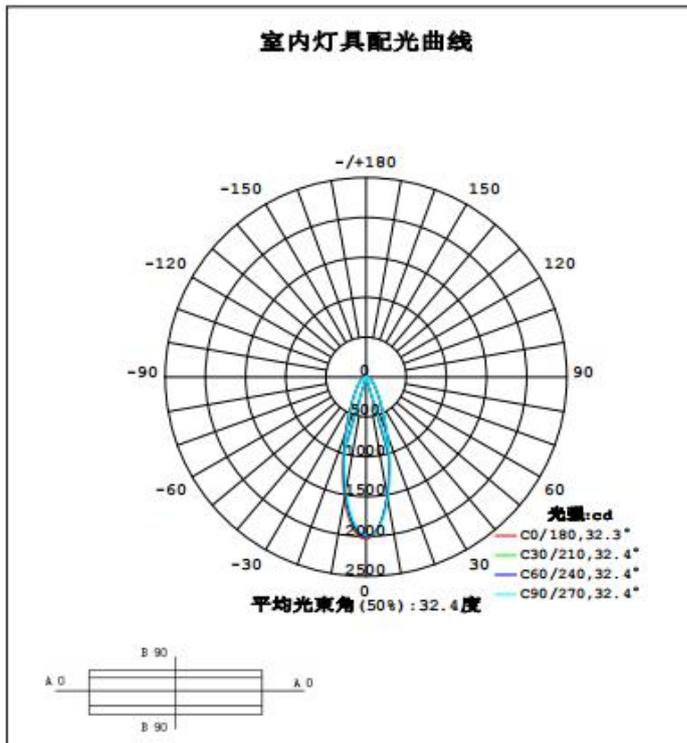
Part No	RL-STR-3030-48-white-24V-16mmX16mm
Lighting Source	3030 white led
Operate Voltage	DC24V
Consumption Watt/M	18 Watt per meter (max)
Cutting unit	Every 2LED
LED quantity/M	48 LEDs per meter
Size	1000mmX16mmX16mm(LXWXH)
Beam viewing	30 Degree
Cable	AWG20 with 15cm cable long
CRI	>90
Color	3000K 4000k 6000k and other color optional
Waterproof Grade	IP67
Lamp Luminous Flux(lm)	1134
warranty	3years

**LED Electro-optical Characteristic**

**室内灯具光度数据**

实测参数: U:24.072V I:0.7355A P:17.705W PF:1.0000 Freq:0Hz		
实检光通: 1133.64x1 lm		
灯具名称: 1616-24-48-927-T30	灯具类型:	灯具重量:
灯具规格:	外型尺寸:	测试编号:
制造厂商:	发光口面:	

光源数据		光度数据			光效: 64.03 lm/W
型号		峰值光强 (cd)	2031	S/MH (C0/180)	0.54
标称功率 (W)		灯具效率 (%)	100.0	S/MH (C90/270)	0.51
额定电源电压 (V)	--	总光通量 (lm)	1133.6	$\eta$ UP, DN (C0-180)	0.0, 51.8
额定光通量 (lm)	1133.64	CIE分类	直接	$\eta$ UP, DN (C180-360)	0.0, 48.2
灯具内光源数 (只)	1	上射光通比 (%)	0.0	CIBSE SHR NOM	0.50
实测电源电压 (V)	--	下射光通比 (%)	100.0	CIBSE SHR MAX	0.60



C angle range: 0 degrees - 360 degrees      C angle interval: 15.0 degrees

y angle range: 0 degrees - 90 degrees      y angle interval: 1.0 degrees

Test speed: 10.0 degrees/second      Test system: EVERFINE GO-3000H\_V1 system V2.00.463

Ambient temperature: 25.3°C      Ambient humidity: 65.0%

Test distance: 9.000 meters [K=1.0000] Tester: DAMIN

Test date: 2023-08-24

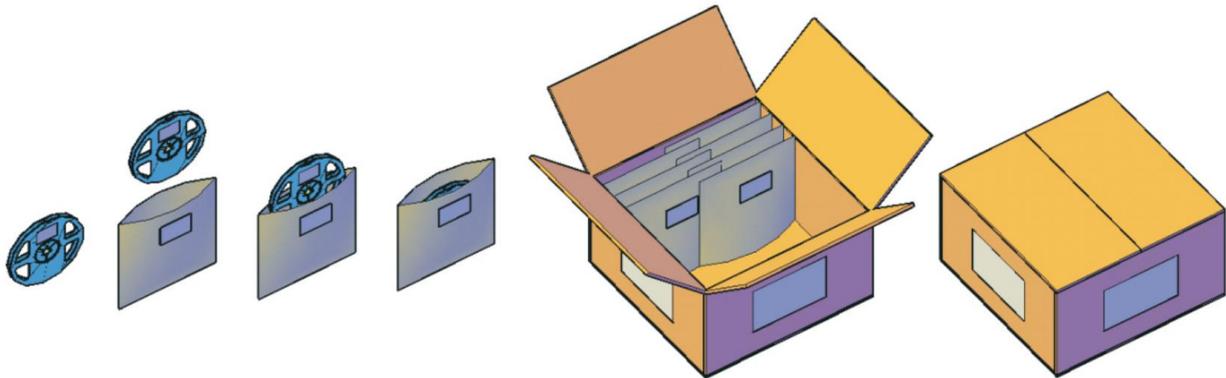
## Wiring Chart

Take noted Red cable :positive electrode

Black cable :negative electrode



## Package



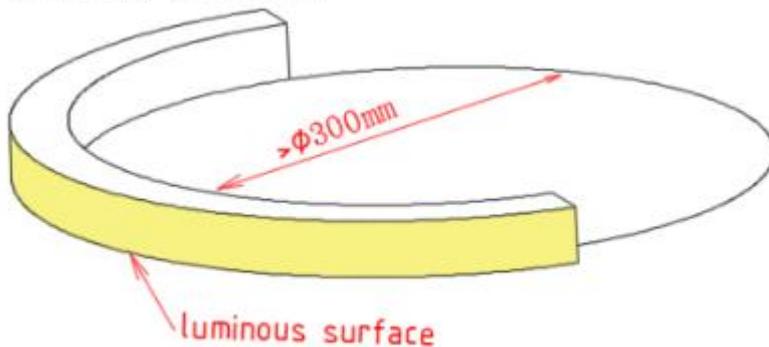
### Note:

1. One Aluminum Foil Bag for one roll of LED strip, 5M/roll.
2. All the packaging materials are RoHS standard.
3. Heavy stuff are not allow to be loaded above the packaging box.

## Cautions:

- When install the led strip , please note the installation technique. The led strip can be bent, but not distorted, as shown below:

Bend up and down



- LED strips are low voltage products, you must use the power supply(transformer). Please don't connect the led strip directly to the AC110 or AC220V, otherwise it will burn out the LED strips.
- Clean up the installation surface, it will ensure the reliability of the adhesive.
- The electrical connection process must be operated by a professional person.