

Specification

| Prepared | Checked | Approved | Accepted | Confirmed | Approved |
|----------|---------|----------|----------|-----------|----------|
| | | | | | |

UL

CE

RoHS

2835
SMD

336
LEDS/M

LED
Strip

DC
24V

IP
65

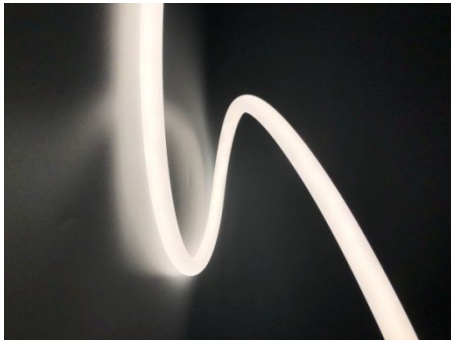
3
years

Model: ☉RX2K01TC -9XX-P21 RX2K01TC -9XX-P22

5000*D23mm, 1680Leds, SMD2835 360° luminous neon light,
Horizontal outlet (15W/m)

5000*D23mm, 1680Leds, SMD2835 360° luminous neon light,
Side outlet (15W/m)

Picture:



Features:

- ☉ Full version 360° round light surface, uniform light, no dark place, no light spot;
- ☉ Surface anti-static treatment, good weather resistance, soft hand feeling;
- ☉ Can be cut in any size without damaging the light, application is more convenient;
- ☉ IP65 protection performance;
- ☉ Salt resistance, acid and alkali resistance, corrosion resistance, flame retardant resistance, UV resistance;
- ☉ Various installation methods, Free and unlimited DIY application scenarios;
- ☉ UL、CE、RoHS compliant, guaranteed quality.

Applications:

- ☉ Application: Office lighting、Decorative lighting、Artistic lighting、Styling lighting etc.

Warranty:

- ☉ 3 years or 13,000 hours, whichever comes first

Optical and Electrical Parameters:

| P/N | LED Color | CCT (K) WL | CRI | SDCM | Beam Angle (°) | Lumino us Flux (lm/m) | Luminou s Efficacy (lm/w) | Working voltage (VDC) | Working current(mA) | | Power (w) | |
|------------------|-----------|------------|------|------|----------------|-----------------------|---------------------------|-----------------------|---------------------|----------------|---------------|----------------|
| | | | | | | | | | 1m[3 9.37 in] | 5m[1 96.8 5in] | 1m[3 9.37 in] | 5m[1 96.8 5in] |
| RX2K01TC-923-P21 | W | 2300K | RA90 | / | 360 | 750 | 50 | 24 | 600 | 2500 | 14.4 | 60 |
| RX2K01TC-927-P21 | W | 2700K | RA90 | / | 360 | 950 | 65 | 24 | 600 | 2500 | 14.4 | 60 |
| RX2K01TC-930-P21 | W | 3000K | RA90 | / | 360 | 950 | 65 | 24 | 600 | 2500 | 14.4 | 60 |
| RX2K01TC-940-P21 | W | 4000K | RA90 | / | 360 | 950 | 65 | 24 | 600 | 2500 | 14.4 | 60 |
| RX2K01TC-923-P22 | W | 2300K | RA90 | / | 360 | 750 | 50 | 24 | 600 | 2500 | 14.4 | 60 |
| RX2K01TC-927-P22 | W | 2700K | RA90 | / | 360 | 950 | 65 | 24 | 600 | 2500 | 14.4 | 60 |
| RX2K01TC-930-P22 | W | 3000K | RA90 | / | 360 | 950 | 65 | 24 | 600 | 2500 | 14.4 | 60 |
| RX2K01TC-940-P22 | W | 4000K | RA90 | / | 360 | 950 | 65 | 24 | 600 | 2500 | 14.4 | 60 |

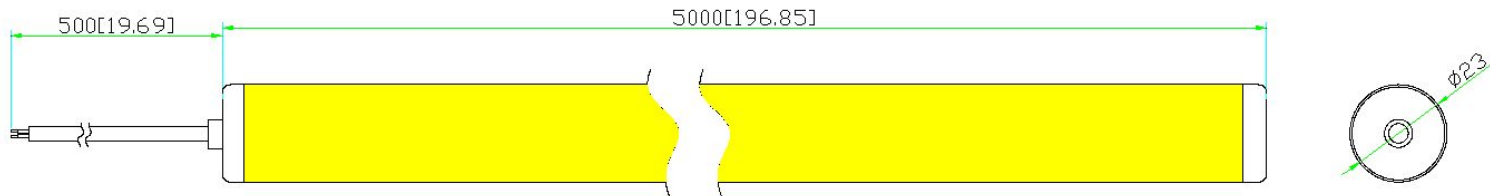
Others:

| P/N | IP Grade | Operating Temp | | Storage Temp | | Standard length | | Max. cascading length | | LED Qty (pcs) | Weight | |
|------------------|----------|----------------|----------|--------------|---------|-----------------|--------|-----------------------|--------|---------------|--------|--------|
| | | (°C) | (°F) | (°C) | (°F) | (m) | (inch) | (m) | (inch) | | (g/m) | (lb/m) |
| RX2K01TC-9XX-P21 | IP65 | -30~50 | -22~+122 | 0~+60 | 32~+140 | 5 | 196.85 | 5 | 196.85 | 336 | 520 | 1.15 |
| RX2K01TC-9XX-P22 | IP65 | -30~50 | -22~+122 | 0~+60 | 32~+140 | 5 | 196.85 | 5 | 196.85 | 336 | 520 | 1.15 |

Notes:

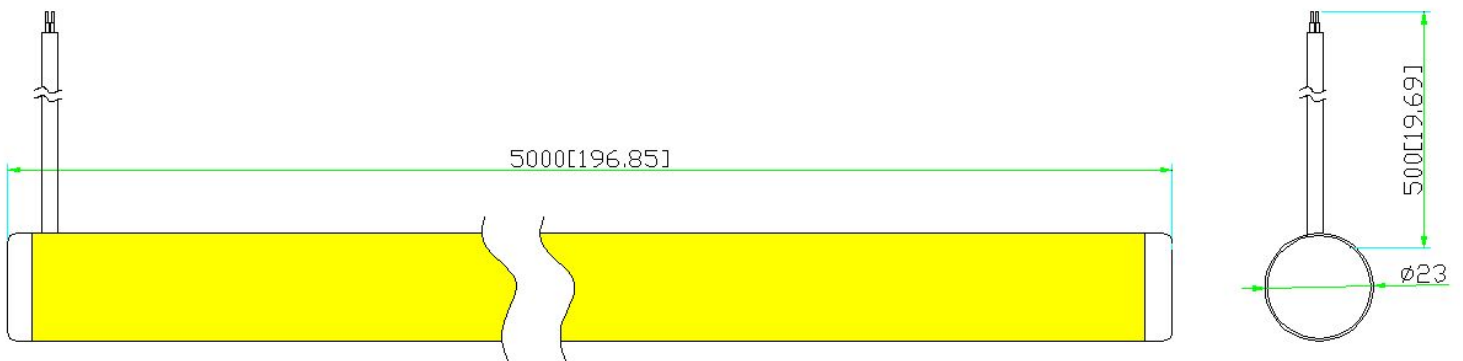
- (1) Testing environment temperature: 25±2°C [77±3.6°F];
- (2) The above data each single product could differ from the typical values. The data subject to change without prior notice;
- (3)The above "--" means the parameters are not required temporarily.

Profile Drawings:



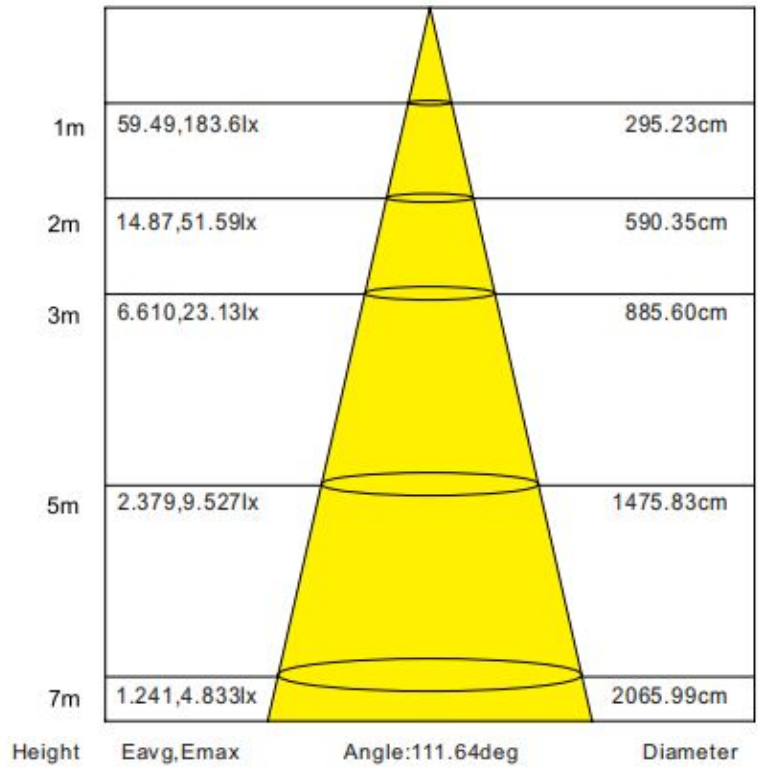
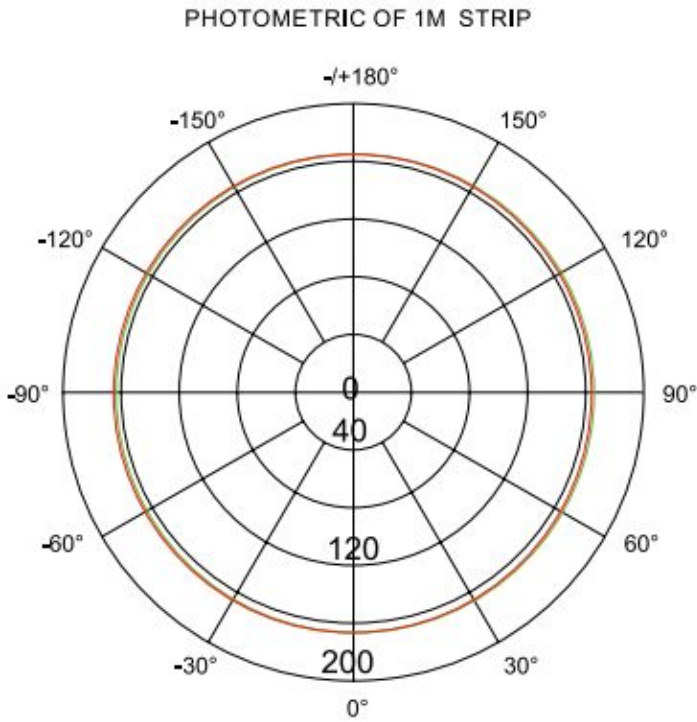
Unit: mm[inch]

RX22C0TC-A top outlet



RX22C0TC-A side outlet

Light Distribution/Iso-illuminance Diagram:

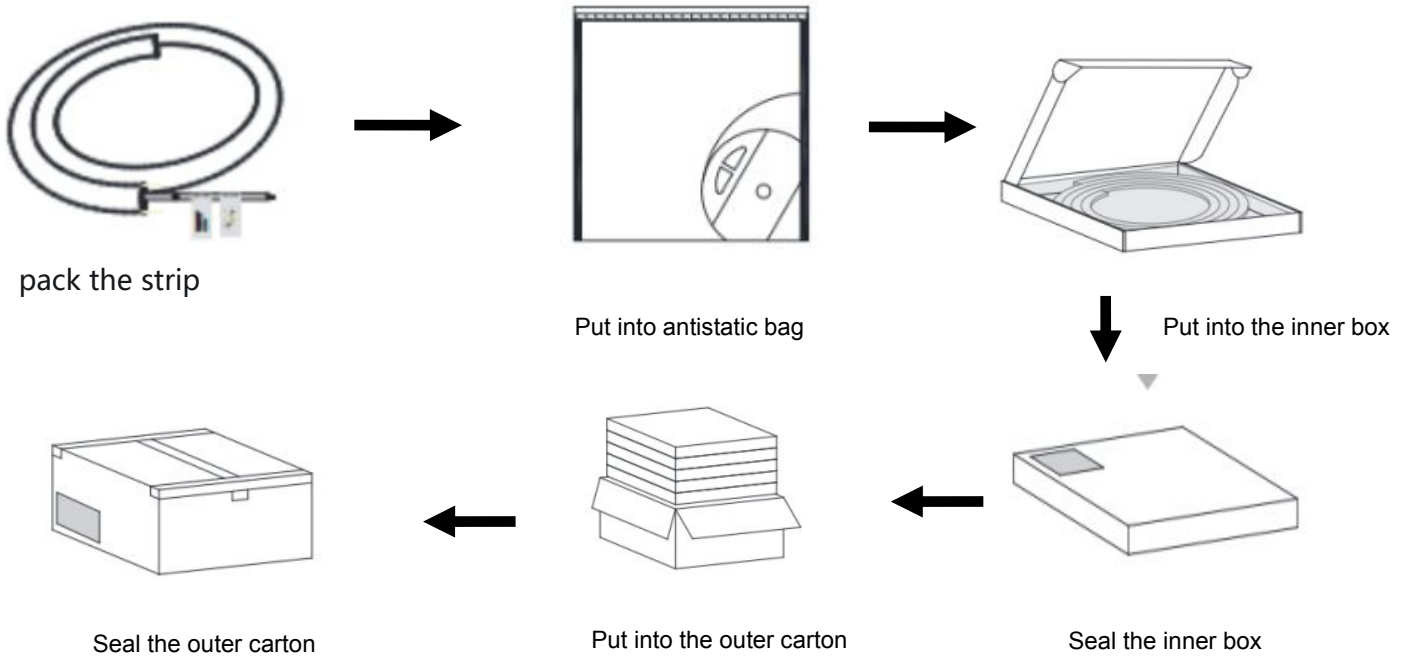


Packaging Information:

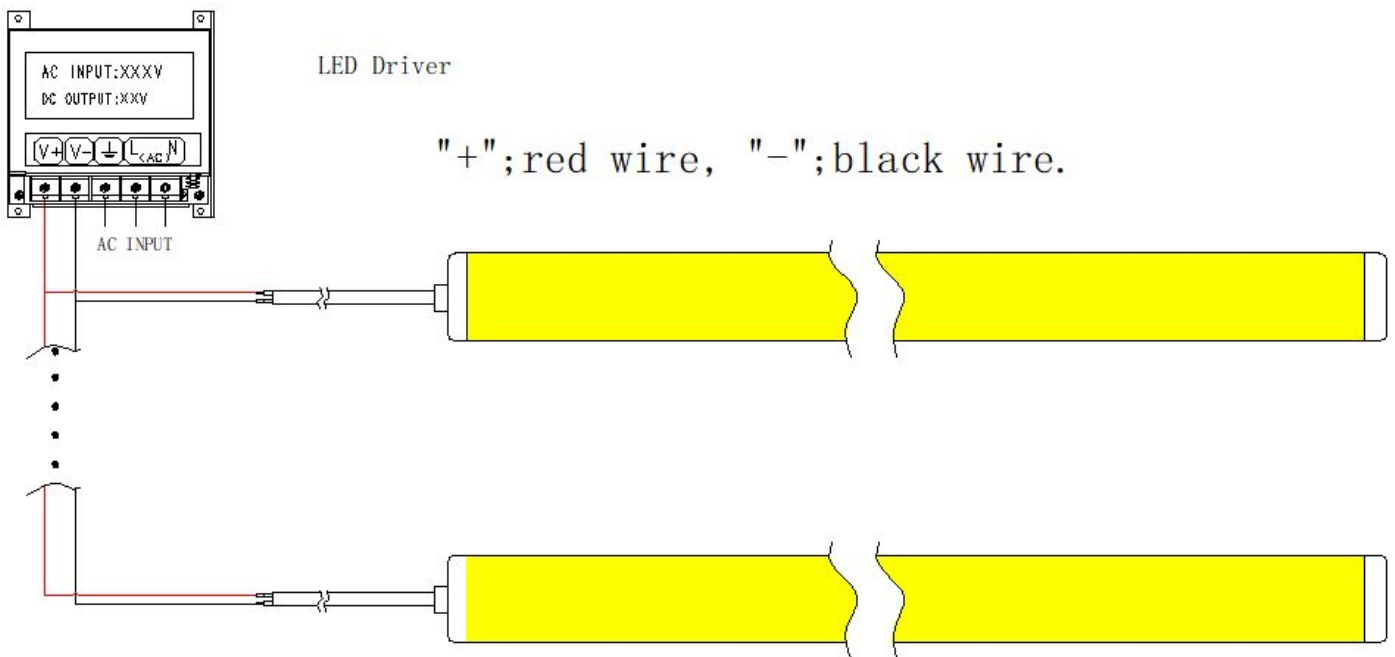
| P/N | Qty (m/reel) | Qty (m/carton) | Total Qty (m) | Total weight | | Outer carton size | | | | | |
|----------------------|-----------------|-------------------|---------------------|--------------|-------|-------------------|--------|-------|--------|--------|--------|
| | | | | | | length | | width | | height | |
| | | | | (kg) | (lb) | (mm) | (inch) | (mm) | (inch) | (mm) | (inch) |
| RX2J01TC-9XX- P21 | 5 | 20 | 20 | 10.4 | 22.93 | 430 | 16.93 | 430 | 16.93 | 325 | 12.80 |
| RX2J01TC-9XX- P22 | 5 | 20 | 20 | 10.4 | 22.93 | 430 | 16.93 | 430 | 16.93 | 325 | 12.80 |

Notes: Above qty and weight of packing is only for the packing shown in the picture, which might be different from other packing modes, thus for actual qty and weight please refer to actual samples.

Packaging Diagram :

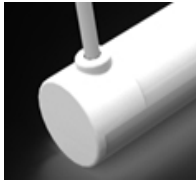

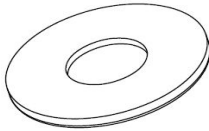




Connection Instruction :


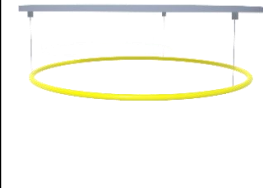

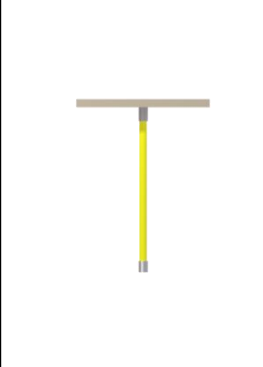

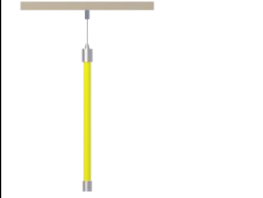

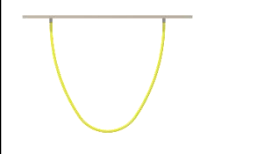

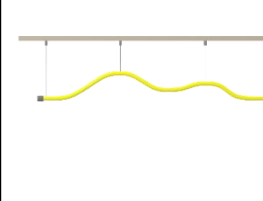


Notes: please make sure the "+" and "-" of the product's input are correctly connected to those of the power supply

Optional accessories:

| Product code | describe | Schematic picture | remarks |
|--------------|-----------------------------------|---|-------------------------|
| 611-015 | D23 Side outlet cap |  | Side outlet cap*1 |
| 611-016 | D23 Horizontal outlet cap |  | Horizontal outlet cap*1 |
| 611-017 | D23 Silicone end cap |  | Silicone end cap*1 |
| 611-018 | PC transparent clip |  | clip*1 Screw*2 |
| 611-019 | PC Transparent Installation cover |  | cover*1 Screw*8 |

Install accessory kit:

| Product code | describe | Schematic picture | Application scenario diagram | remarks |
|--------------|--|---|--|--------------|
| 611-027 | Splicing kit (1~5M) |  |  | Complete use |
| 611-033 | Vertical ceiling installation (1M or 2.5M) |  |  | Complete use |
| 611-034 | Vertical suspension installation (1M or 2.5M) |  |  | Complete use |
| 611-035 | double-ended ceiling installation(1~5M) |  |  | Complete use |
| 611-036 | Moldable mounting accessories |  |  | Complete use |

Troubleshooting:

| Malfunctions | Possible Causes | Solutions |
|--------------------------------------|---|---|
| All LEDs don't work | 1. The power supply did not connect to power grid. | Power on |
| | 2. No electricity due to short-circuit of external power supply. | Remove the malfunction caused by short-circuit, power on again. |
| | 3. The wires of strips connect to power supply output reversely. | Check the connecting and ensure the wires are connected correctly. |
| Part of LEDs don't work | 1. Part of power supplies do not have output. | Check the power supply system. |
| | 2. Part of wires of strips have malfunction. | |
| | 3. Particular modules connected reversely. | Correct connection |
| Brightness of LEDs is weak or uneven | 1. Overloaded power supply; | Replace it with higher power supply |
| | 2. The power loss of power circuit is huge or the power loss of each circuit existing big difference. | Ensure working voltage of strips is within $\pm 5\%$ V of rated voltage. (1. Shorten the length of wires between the first strip and power supply or replaced with wires with bigger diameter; 2. Ensure the cascading qty of string is less than or equal to the allowed maximum cascading qty, and each strip cascading qty is well-balanced.) |
| | 3. Exceed in qty of strips in series | Lessen the cascading qty for strip and ensure the qty for each electrical circuit is within the maximum cascading qty. |
| LEDs are blinking | 1. Poor contacted in the joints. | Find out and tackle malfunction immediately. |
| | 2. Failures in power supply. | Replace power supply. |

Declaration:

- ⊙ If the external flexible cable of light box is damaged, please replace it by its manufacturer or its service agent or qualified person to avoid a hazard.
- ⊙ The specific installation and cautions please refer to the user manual.
- ⊙ The given data in this specification is based on our standard product. There may be existed slight difference compared with actual products.
- ⊙ All Illustrations in this specification are for reference only.
- ⊙ This product is subject to change or modify without prior notice.
- ⊙ RISHANG OPTOELECTRONICS CO., LTD. reserves the right of final explanation for this specification.

<End>

Rishang Optoelectronics Co., Ltd. (stock code: 002654)

Add: Block 2, Hongfa jiateli High-Tech. Park Tangtou Ave., Shiyan, Bao'an Shenzhen
Guang Dong, 518108, China
Tel: +86-755-33258896 E-mail: info@ledlamps.com.cn
Website: www.ledlamps.com.cn

Website

Official Account

