


IP65

## 桑拿灯带 Sauna LED Strip

## 产品特点 Product Features

- 耐高温——SMD封装，芯片直贴，130度高温1000小时光衰＜15%；
  High temperature resistance: SMD packaging with chip-on-board mounting. Luminous attenuation＜15% after 1000-hour test at 130°C.
- 防潮防水——整体封装，IP65级，水汽进不去；
  Moisture-proof & waterproof: Integral encapsulation, IP65 rating, preventing moisture ingress.
- 光线均匀——没有一颗颗的光斑，像自然光一样柔和；
  Uniform light output: No spotty glare, delivering soft natural--style illumination.
- 安全低压——24V直流，人体安全电压，桑拿更安心；
  Safe low-voltage: 24V DC, human-safe voltage for worry-free sauna use.
- 寿命更长——高温下依然稳定，不用频繁更换；
  Extended service life: Stable performance under high-temperature conditions, reducing frequent replacements.
- 超长连接——双端供电最长可连接10米。
  Extra-long connection length: Maximum 20-meter run with dual-end power supply.



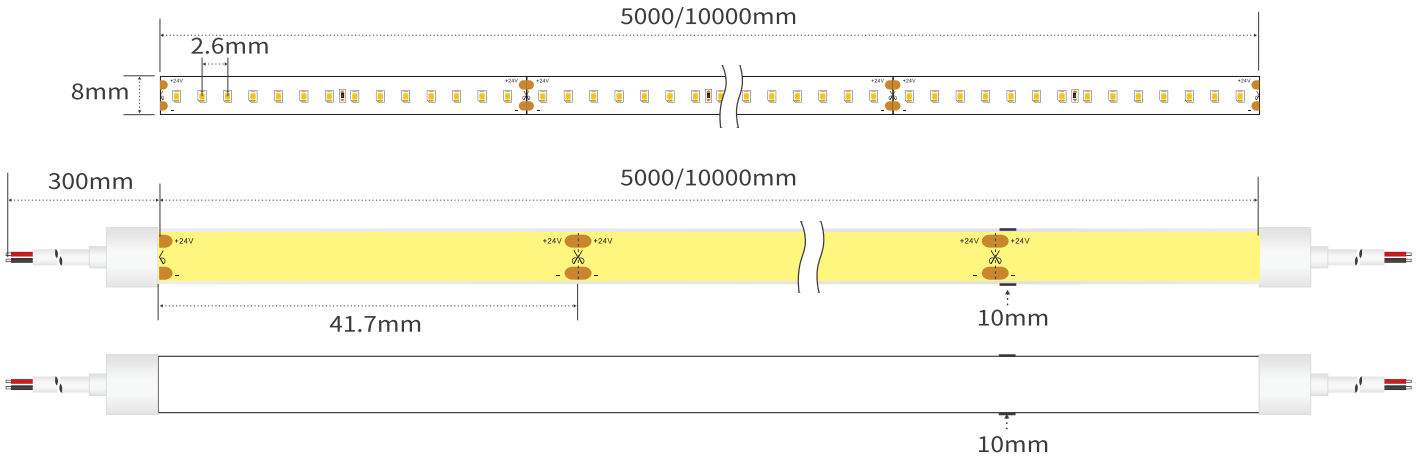




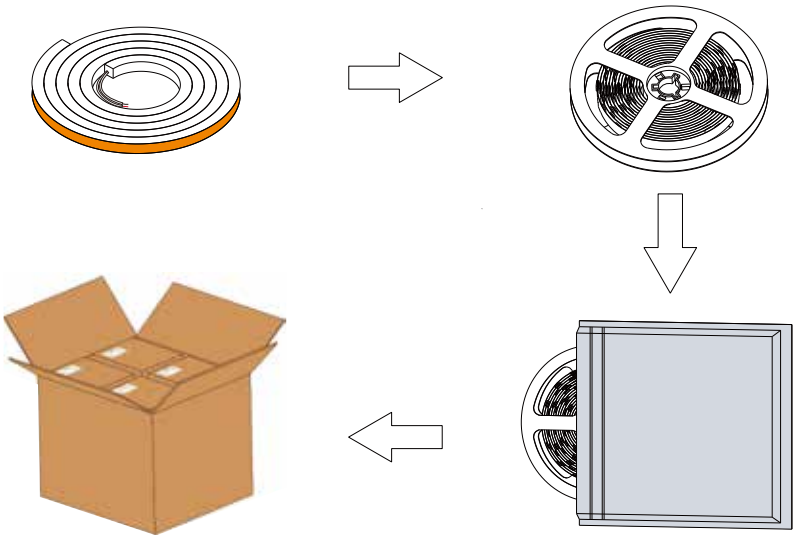
## 光色参数 Color Parameters

| 产品料号 Product Part No. | 灯条参数 Strip Parameters | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 色温/波长 CCT/Wavelength | 发光角度 Beam Angle | 显指 CRI | 光通量 Luminous Flux | 光效 Luminous Efficacy | 电压 Voltage | 电流 Current | 功率 Power |
| SL-DC24V-1516-384--5-927-1010Z-IP65 | 2700±125K | 120° | 90 | 270lm/M | 55lm/W | 24V | 200mA | 5W/M |
| SL-DC24V-1516-384--5-930-1010Z-IP65 | 3000±175K | | | 280lm/M | 55lm/W | | | |
| SL-DC24V-1516-384--5-940-1010Z-IP65 | 4000±245K | | | 290lm/M | 57lm/W | | | |
| SL-DC24V-1516-384--5-950-1010Z-IP65 | 5000±425K | | | 300lm/M | 60lm/W | | | |

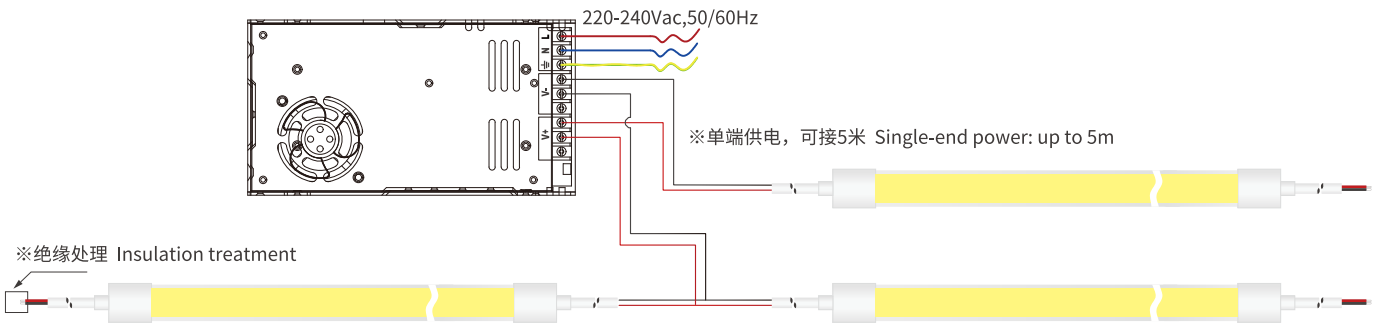
## 产品尺寸图 Product Dimension Drawing




## 包装示意图 Packaging Diagram



## 接电方式 Wiring Diagram



## 注意事项 Precautions

1.请使用24VDC的隔离电源驱动LED灯条，且恒压源的纹波小于5%.不能使用阻容式降压、非隔离等类型电源驱动LED灯条。

Use a 24VDC isolated power supply to drive the LED strip; the ripple of constant-voltage power supply shall be less than 5%. Do not use capacitive-dropper or non-isolated power supplies.

2.为保证灯带的寿命和可靠性，请不要在直径60mm以下的弧度弯曲，请勿对折以免损坏灯珠或断裂。

To guarantee service life and reliability, do not bend the strip to a radius smaller than 60mm diameter. Never fold sharply, to avoid damage to LEDs or circuit breakage.

3.为保证灯带的寿命和使用环境，在使用的过程中不能用力拉扯电源线，禁止碰撞以免损坏LED灯。

Do not pull the power cord forcefully during operation. Avoid impact or collision which may damage the LED strip.

4. 在安装的过程注意电源线的正负极，切勿接错，电源与产品的电压是否一致，以免造成产品损坏。

Observe positive / negative polarity during installation. Ensure power-supply voltage matches product rating; incorrect wiring will cause product failure.

5.LED灯带应存放在干燥密封的环境，建议存放期不宜太久，请在使用前拆封，工作环境温度：-20°C～45°C，贮存温度：0°C～60°C，不防水灯带请在室内使用，相对湿度不能高于70。

Store LED strips in dry, sealed conditions. Do not store for excessively long periods; open packaging just before installation.Operating ambient temperature: -20°C ~ 45°C, Storage temperature: 0°C ~ 60°C, Non-waterproof versions are for indoor-only use; relative humidity ≤70%.

6.请注意小心操作，在电源接通的情况下，切勿触及交流电源端，以防触电。

Handle with care. Do not touch AC mains terminals while power is active to prevent electric shock hazard.

7.在实际的应用中，电源应保留20%的余量(建议只使用80%的功率)，以保证足量的电压驱动产品。

For practical application, reserve 20% power headroom (operate at max. 80% rated power) to ensure adequate driving voltage.

8.严禁使用任何酸性，碱性粘接剂固定产品（包含不限于玻璃胶等）。

Do NOT secure the product with any acidic or alkaline adhesives (including but not limited to common silicone sealant).