

# FLEX NEON



## FEATURE

- Seamless and uniform light output, dot free
- It can be bent in the direction of luminous surface.
- IP67 protection.
- Robust housing with high quality silicon, UV proof for true outdoor application.
- Easy installation with clips and bendable track Cut-able for flexible application.

## TECHNICAL DETAILS

|                    |                  |
|--------------------|------------------|
| Product No.        |                  |
| Power(w/m)         | 18               |
| Voltage(v)         | 24               |
| CRI                | 90               |
| Led type/QTY Per M | 2835-210/MT LEDs |
| Length/Reel(m)     | 5                |

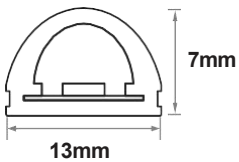
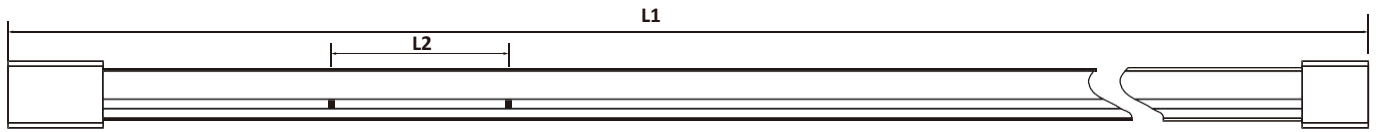
## LUMENS PER METER

### COLOR TEMPERATURE

|         |        |
|---------|--------|
| ● 2700K | 1640lm |
| ● 3000K | 1710lm |
| ● 4000K | 1680lm |
| ● 6000K | 1690lm |

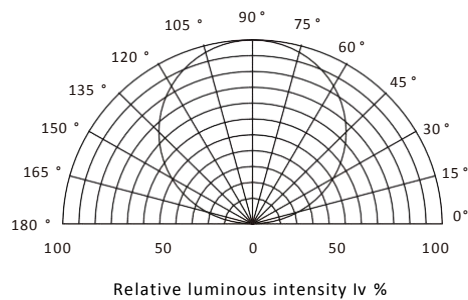
\* The given data are typical values. Due to tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.

## DIMENSION



|        |      | Tolerance |
|--------|------|-----------|
| L1(mm) | 5050 | +10       |
| L2(mm) | 33.3 | ±2        |

## LIGHT DISTRIBUTION



## WORKING CONDITIONS

|                          |        |
|--------------------------|--------|
| Working Temperature (°C) | -25~60 |
| Storage Temperature(°C)  | -30~80 |
| Voltage Range(Vdc)       | 23~25  |
| Reverse Voltage(Vdc)     | 25     |

## SAFETY WARNING

- Install in accordance with nation I standards and local electrical codes. This product must be installed and maintained by a qualified electrician.
- Only install it with Class 2 DC constant voltage driver , Do not use this product if it does not comply with Class 2 standard. The power of drive must meet the output of the rated power, and do not exceed the specified output power.
- Use a cable with rated temperature at least 80 ° C and be certified for external connection of the electrical equipment.
- Improper electrical installation may cause the cable to overheat and cause a fire. Please use a suitable cable between the driver, the lamp, and the controller. When selecting a wire, the volt ge and current must meet the rated values.
- The LED module itself and all its components must not be mechanically stressed. Assembly must not damage or destroy conduc ng paths on the circuitboard.
- To avoid mechanical damage, the LED modules should be attached secur ly to the intended substrate. Heavy vibration should be avoided.
- Installation of LED modules (with power supplies) needs to be made with regard to all applicable electrical and safety standards. Only qualified personnel should be allowed to perform installation .
- Observe correct polarity! Incorrect polarity will lead to no light emission and may cause damage of the LED module.
- Parallel connection is highly recommended as safe electrical operation mode. Serial connection is not recommended. Unbalanced voltage drop can cause hazardous overload and damage the LED module.
- When moun ng on metallic or otherwise conduc ve surfaces, there needs to be a electrical isolation at soldering points between module and the moun ngsurface.
- Pay attentio to ESD steps when moun ng the module.
- Please ensure that the power supply is of adequate power to operate the total load.
- Damage by corrosion will not be honored as a materials defect claim. It is the user’s responsibility to provide suitable protection against corrosive agents such as moisture and condensation and other harmful elements.
- For application involving exposure to humidity and dust the module must be protected by a fixture or housing with a suitable protection class.

## ACCESSORIES KIT



End cap with hole

End cap without hole

Silicone clips

End cap glue

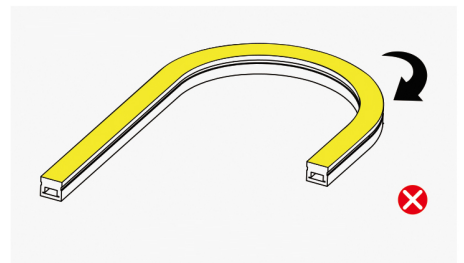
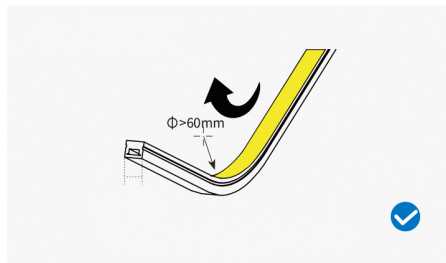
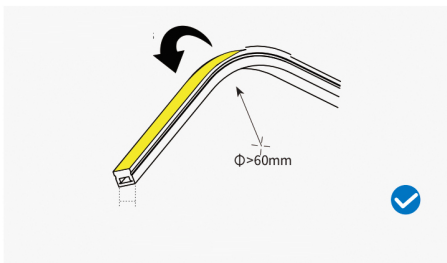
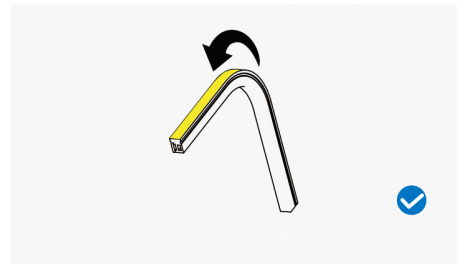
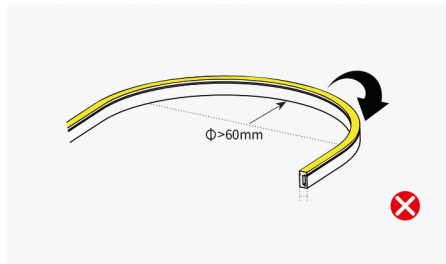
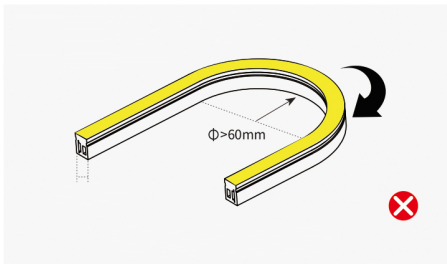
Glue tip mouth

Screw

|                          |    |
|--------------------------|----|
| End cap with hole(pc)    | 2  |
| End cap without hole(pc) | 4  |
| Silicone clips(pc)       | 10 |
| End cap glue(pc)         | 2  |
| Glue tip mout (pc)       | 2  |
| Screw(pc)                | 10 |

## PACKING

|                           |             |
|---------------------------|-------------|
| Box dimension(mm)         | 610x310x365 |
| Gross weight(Kg)          | 20.5        |
| Net weight(Kg)            | 12.8        |
| Bag quantity(bags/carton) | 30          |



**2** 2 YEARS WARRANTY