
NEON

AL-NE50-1018-24-60S



FEATURE

- Seamless and uniform light output, dot free
- Bendable at horizontal direction
- 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. | AL-NE50-1018-24-60S |
| Power(W/M) | 14 |
| Voltage(v) | 24 |
| CRI | 90 |
| Led type | 2835 |
| Length/Reel(m) | 5 |

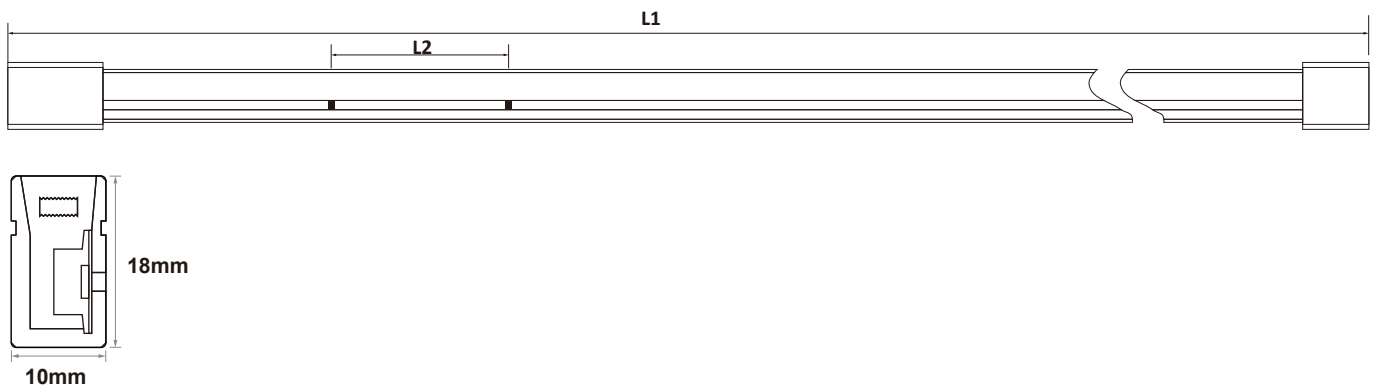
LUMENS PER METER

COLOR TEMPERATURE

| | |
|---------|-------|
| ● 2200K | - |
| ● 2400K | - |
| ● 2700K | 450lm |
| ● 3000K | 460lm |
| ● 4000K | 470lm |
| ● 5000K | - |
| ● 6000K | 460lm |

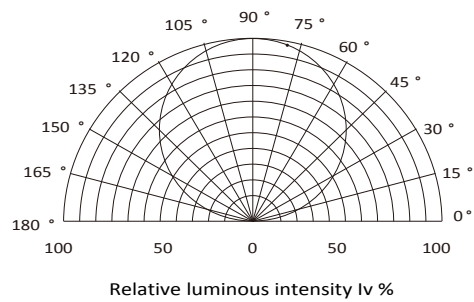
* The given data are typical values. Due to tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.

DIMENSION



| | | Tolerance |
|--------|------|-----------|
| L1(mm) | 5050 | +10 |
| L2(mm) | 50 | ±2 |

LIGHT DISTRIBUTION



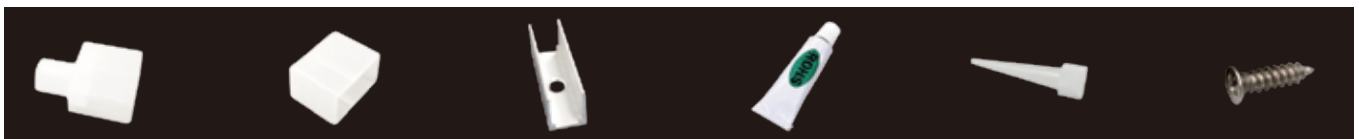
WORKING CONDITIONS

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

SAFETY WARNING

- Install in accordance with national 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 voltage 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 conducting paths on the circuit board.
- To avoid mechanical damage, the LED modules should be attached securely 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 installations.
- 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 mounting on metallic or otherwise conductive surfaces, there needs to be a electrical isolation at soldering points between module and the mounting surface.
- Pay attention to ESD steps when mounting 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 applications 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

Bracket

End cap glue

Glue tip mouth

Screw

| | |
|--------------------------|----|
| End cap with hole(pc) | 2 |
| End cap without hole(pc) | 4 |
| Bracket(pc) | 10 |
| End cap glue(pc) | 2 |
| Glue tip mouth(pc) | 2 |
| Screw(pc) | 10 |

PACKING

| | |
|---------------------------|-------------|
| Box dimension(mm) | 330x305x330 |
| Gross weight(Kg) | 12.7 |
| Net weight(Kg) | 10.5 |
| Bag quantity(bags/carton) | 10 |

