
FLEX NEON

AL-NE50-1010-24-180S



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.	AL-NE50-1010-24-180S
Power(W/M)	14
Voltage(v)	24
CRI	90
Led type	2835
Length/Reel(m)	5

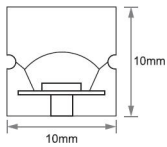
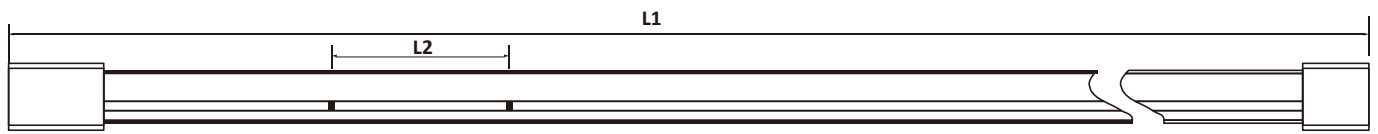
LUMENS PER METER

COLOR TEMPERATURE

● 2700K	1000lm
● 3000K	1030lm
● 4000K	1060lm
● 6000K	1060lm

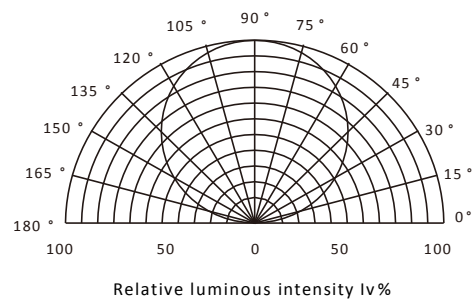
* The given data are typical values. Due to tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.

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(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)	13.6
Net weight(Kg)	9.8
Bag quantity(bags/carton)	15

