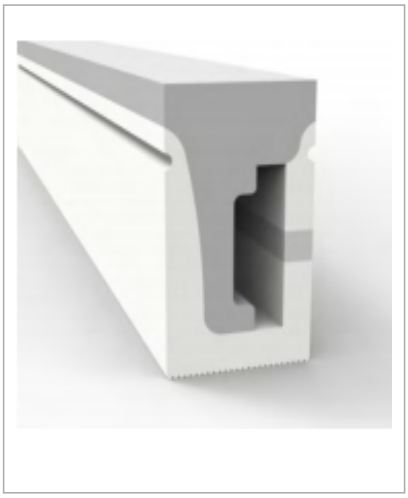
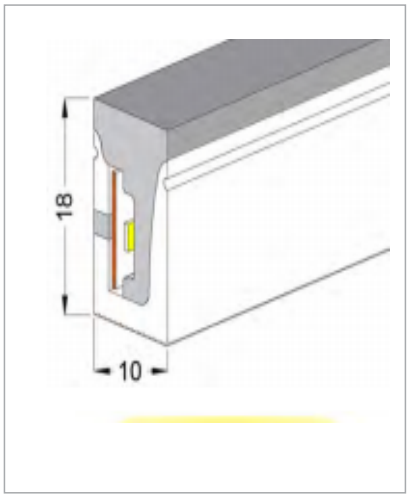
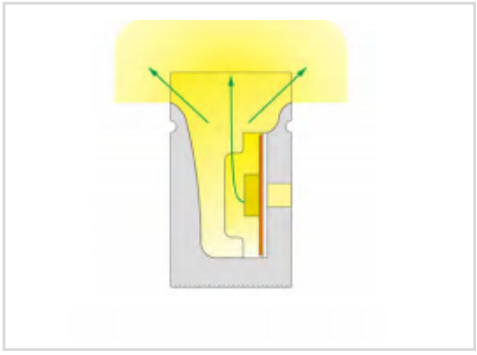
LDM-1018 NEON Light Strip





PCB Width(MM)	8,10,12
Voltage(V)	24V
Power（W/M）	12-15
CCT（K）	3000K 4000K 5000K RGB/RGBW
Luminous（LM）	420-640
Luminous Efficiency（LM/W）	30, 40
CRI（RA）	>80, 90
Size(MM)	10X18mm
Working Temperature	-20~50 ℃
IP Grade	IP67

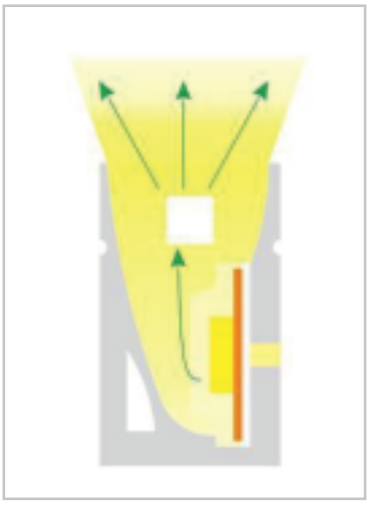
Structure & Introduction



Sectional View

1. Front Luminous Surface： Uniform and soft , no light spot
2. PCB Width：8mm,10mm,12mm
3. LED Qty: 120D, 60, 384D
4. Type：2835/5050/COB
5. Cutting Point： Visible
6. Fixer Notch：Fix Strip by clips
7. Light-Blocking Surface:Block light and prevent light leakage

Product Features



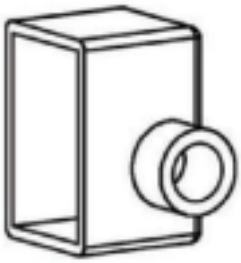
Professional Structural Design: Delivers uniform, soft luminance with no visible light spots.

Outdoor-Ready Material: Made with anti-yellowing, heat-resistant silicone, ensuring durability in outdoor environments.

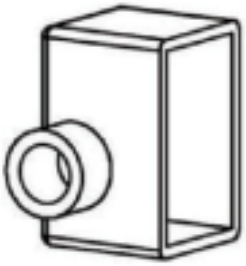
Resistant to Harsh Conditions: Features anti-corrosion properties, acid and alkali resistance, and excellent waterproof performance for extreme environments.

Highly Flexible: Allows for easy shaping and versatile installation.□□□□□□□

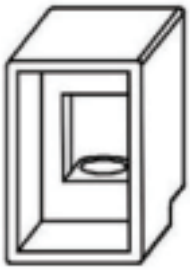
Installation Accessories



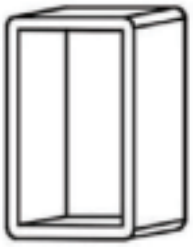
Left outlet plug



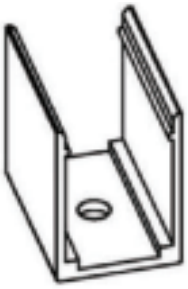
Right outlet plug



Bottom out plug



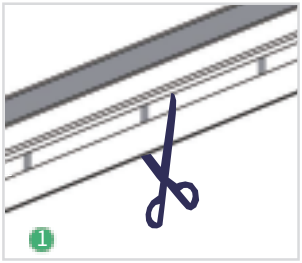
End Cap



Fixed clip

Installation Instructions

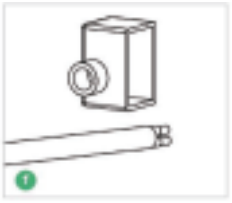
Cutting Method



Cut along the black marker on the side of the LED strip for precise customization.

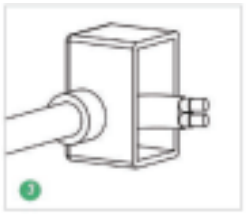
Cutting Completed: Ensure the cutting process is precise and the edges are clean for proper installation.

（Left Outlet Plug）Plug installation method

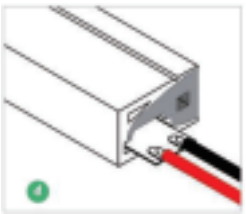


Prepare plug and wire

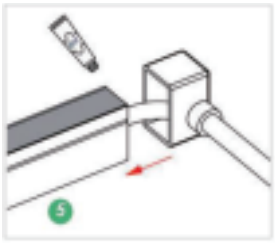
Put the wire in the direction



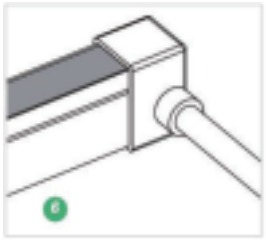
After wearing it



Solder the wires to the PCB board: connect the red wire to (+) and the black wire to the (-) for proper polarity.

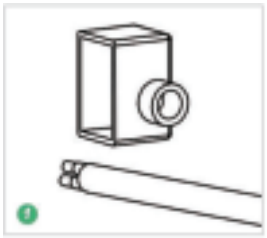


Apply glue to the section and insert it into the plug following the arrow direction.

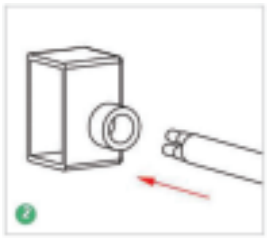


Allow 2-3 hours to set after installation and 12 hours before packing.

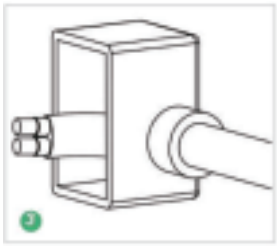
Right Outlet Plug Installation Method:



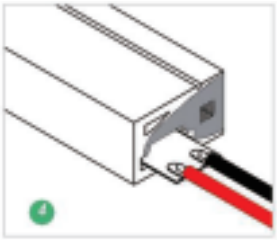
Prepare plug and wire



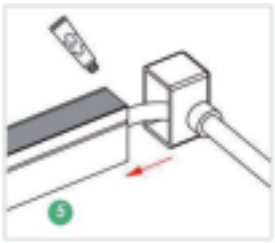
Put the wire in the direction



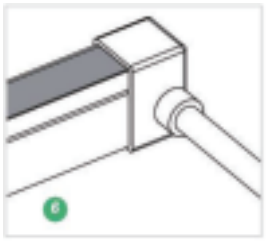
After wearing it



Solder the wire to the bare board: connect the red wire to the anode (+) and the black wire to the cathode (-) for proper polarity.

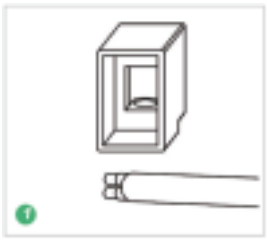


Apply glue to the section and insert it into the plug following the arrow direction.

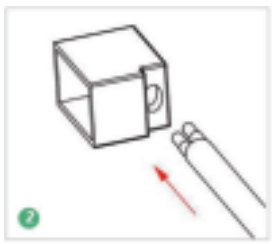


Allow 2-3 hours to set after installation and 12 hours before packing.

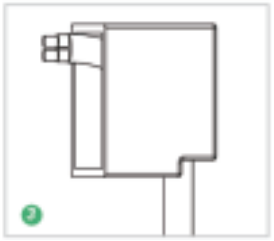
Bottom-Out Plug Installation Method:



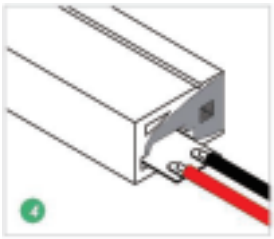
Prepare plug and wire



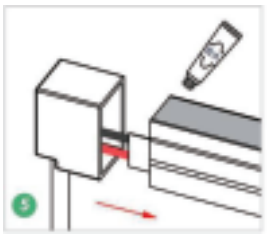
Put the wire in the direction



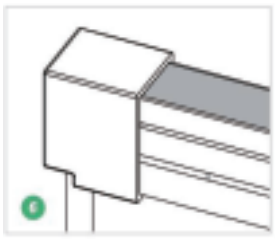
After wearing it



Solder the wire to the bare board: attach the red wire to the anode (+) and the black wire to the cathode (-) for correct polarity.

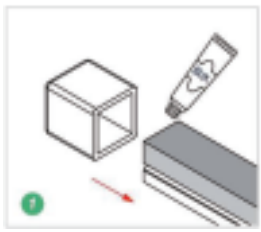


Apply glue to the section, then insert it into the plug following the arrow direction.

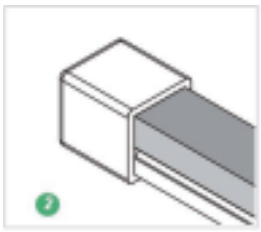


After installation, allow it to set for 2-3 hours before moving, and wait 12 hours before packing.

(End plug) Installation method



Apply glue to the casing end , and attach the plug following the arrow direction.



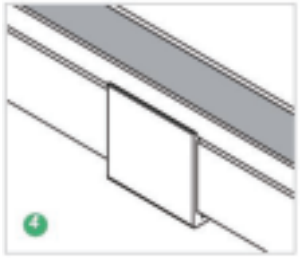
After installation, allow it to set for 2-3 hours before moving, and wait 12 hours before packing.

(Fixed clip) Installation method

Prepare screws and fixing clips.

Place the clips in the correct position and secure them with screws.

Position the light surface facing up and press gently.

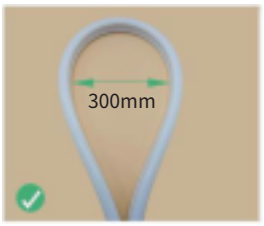


The installation is complete

Precautions

When installing the light strip, note that it cannot bend in all directions. Follow the specified shapes and angles in the instructions to prevent damage.

Correct bending way



Face the light surface and fold the strip with a minimum bending diameter of 180mm.

Each roll is 5 meters. When packaging (reeling), cut inward as shown, maintaining a minimum bending diameter of 250mm.

- LED strips operate on low voltage and require a power supply (transformer). Do not connect them directly to AC 110V or AC 220V, as this can damage the strips and cause safety hazards.
- Ensure professional staff thoroughly read the specifications before installation to guarantee safe use.
- Attention: For longer light strips, use a larger inner diameter for packing to prevent damage to the PCB board

Incorrect bending way

Warning: When facing the side surface (as shown), do not bend downward to avoid damaging the strip

Caution: When facing the side surface (as shown), avoid bending downward to prevent damage to the strip.

- The PCB inside the casing is side-mounted and should only be bent sideways