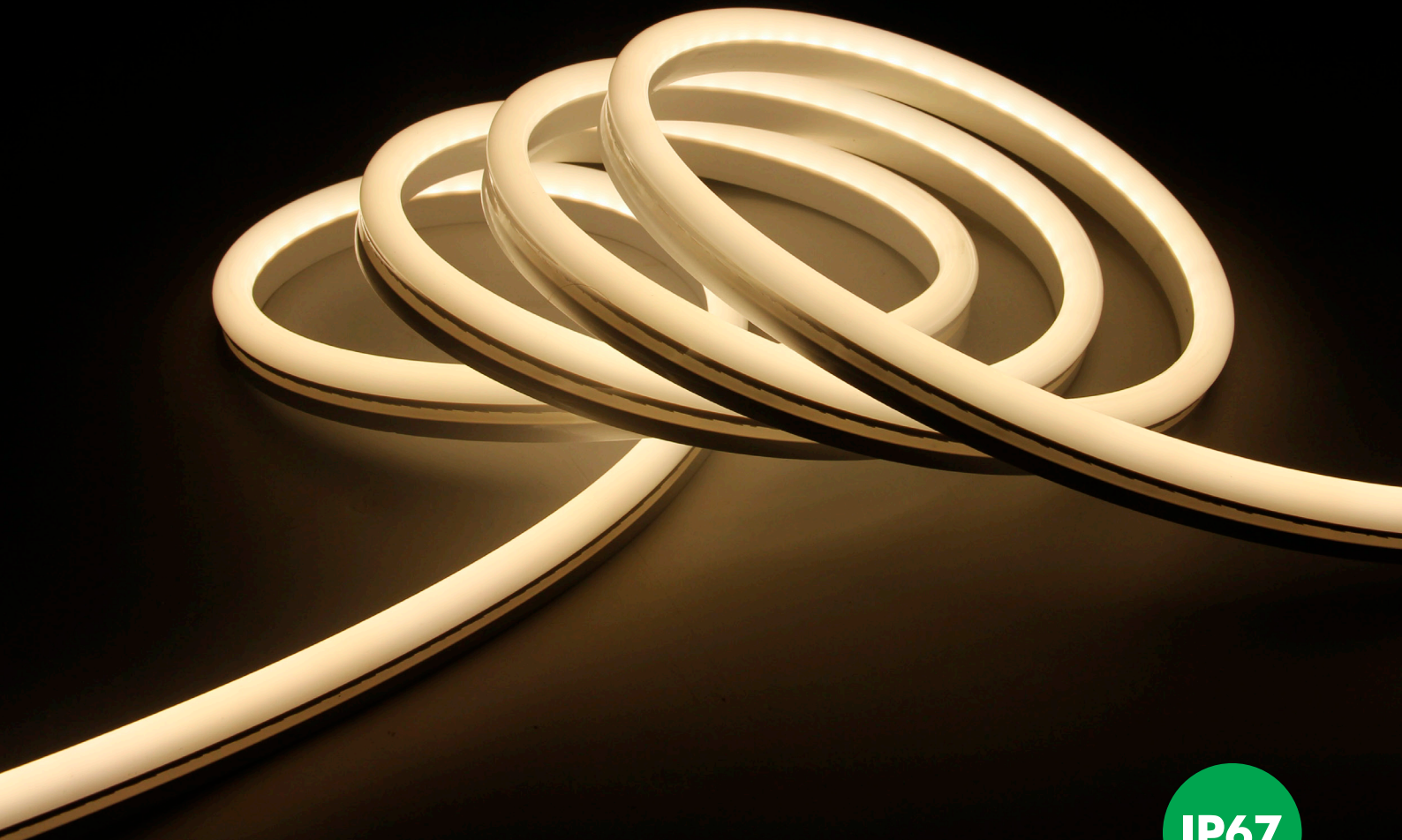


Light**FEEL**




IP67

N0816B


LED Neon Light Silicone tube

Product Specification

Siamled Co., Ltd.

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Subdistrict, Thung Khru District, Bangkok 10140 Thailand

LED strip colloid specifications comparison

| Materials Main parameters | Silicone flexible led strip | PVC flexible led strip | Notes |
|---|----------------------------------|---|--|
| Colloid features in -40 °C | No crack after 30 days | Totally cracked | The low temperature resistant of silicone is superior than PVC or epoxy materials |
| Colloid features in 120 °C | No obvious change after 72 hours | Colloid changed into yellow and deformed after 2 hours | The high temperature resistant of silicone is superior than PVC or epoxy |
| Colloid features in 180 °C | No obvious change after 72 hours | Colloid changed into brown and some melted after 20 minutes | Over 150 °C , PVC is easily hydrolyzed, Viscosity becomes weaken and easily separated |
| Steadily lighted in Seawater for 72 hours | No obvious change | Serious atomization on the surface | The waterproof grade of silicone led strip can reach to IP67, high resistance to acidic alkali and salt properties |
| Thermal conductivity | Good thermal conductivity | No thermal conductivity | Pvc and epoxy cannot conduct heat, while silicone has good thermal conductivity |

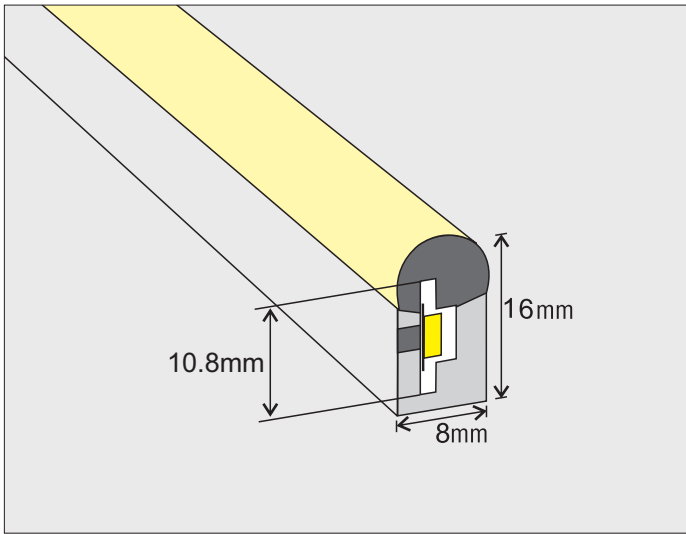


Product Features

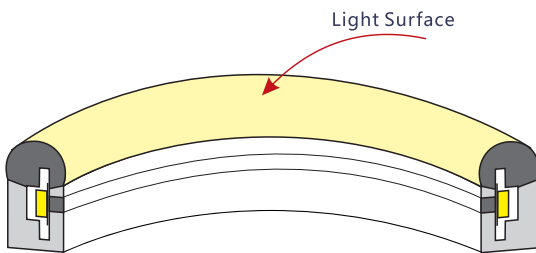
- At-yellowing and heat resisting silicone glue, chemical resistance acid and alkaline, available for extremely terrible outdoor environment.
- Uniform and soft luminance, no light spot.
- Super brightness large chip, golden wire welded and copper led holder for quicker heat dissipation, higher stability, longer life span.
- Leadless SMT technique (RoHS certificated), smooth welding joint, firm connection of LED and pcb.



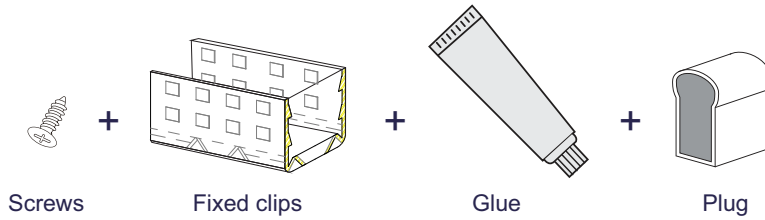
Structure & Spec.



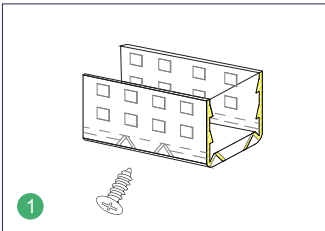
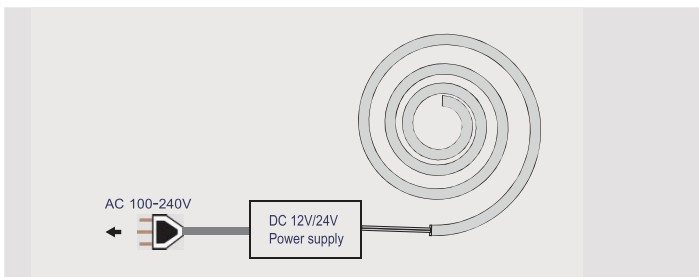
| | |
|--|--------------|
| Size (mm) | 8*16 |
| PCB Limited (mm) | 8 |
| IP Grade | IP67 |
| Working Temperature | -20 to 50°C |
| N.W.(G/M) | 155 |
| Voltage (V) | 12/24 DC |
| Watt (W/M) | 14.4 Max. |
| LED Type | 2835/3528 |
| Color | WW/NW/CW/RGB |
| Luminous (LM) | 560 |
| Luminous Efficiency (LM/W) | 39 |
| * This lumen is based on SMD2835-120LEDS/M inside. | |
| CRI (RA) | >80 |



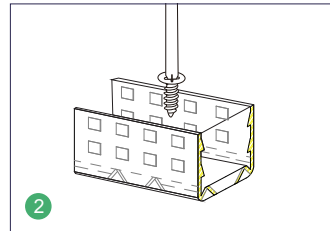
Installation Accessories



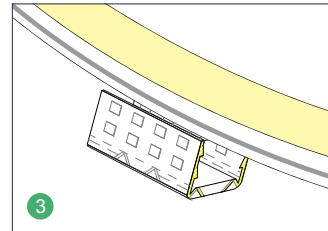
Installation Instructions



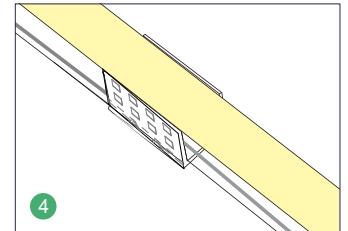
Prepare the screws and fixed clips



Adjust the fixed clips to the appropriate place, use a screwdriver to fix the screw.

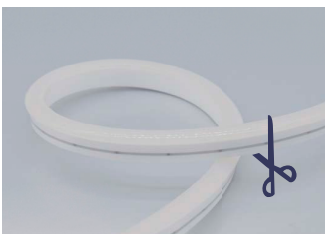


Put the light emitting surface upwards, then insert the LED strip into the fixed clips.



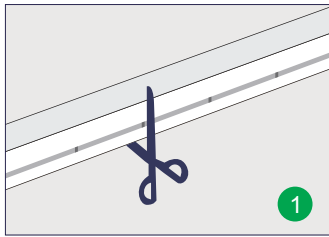
Fix led strip completely into the fixed clip, led strip subface must be parallel to the top edge of fixed clip.

Cutting Method

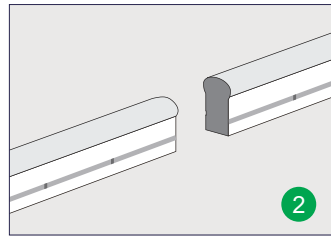


It is feasible to cut along the black point on the side of led strip. Dnot cut optionally to avoid damage to led strip.

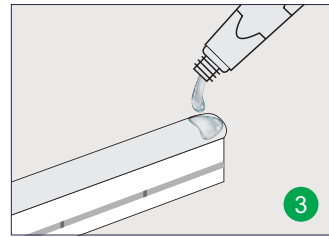
Enclose the cutting end



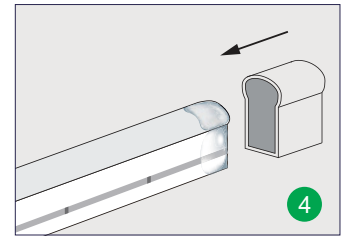
1 Cut the appropriate place



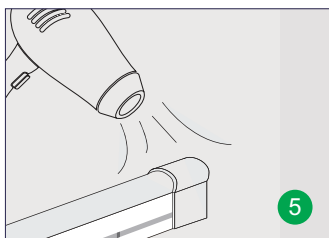
2 Finished the cutting



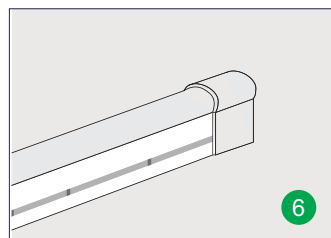
3 Coat the section with glue uniformly after cutting



4 Insert the section into the plug according to direction of arrow



5 Dry the plug with hot wind or natural wind until make sure the installation is firm



6 The effect of finished plug installation

Packaging



100m/Roll



Each roll pack with expandable polyethylene and compression film to fix.



1Roll/box



Inner size
355x355x305mm

Cautions

- Please notice that the strips are not bendable to all directions. As the appropriate specific shape and degree, please follow the following instruction.
- LED strips are low voltage products, you must use the power supply (transformer). Please don't connect the led strip directly to the AC 110V or AC 220V. Otherwise, it will burn out the LED strips and lead to safety (security) accidents.
- Please read the specifications thoroughly before installation by professional staff to make sure the safe use.

Wrong bending way

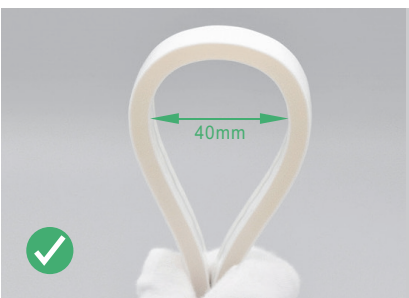


Face to the side surface (as the picture shows). Do not bend upward to damage the strip.

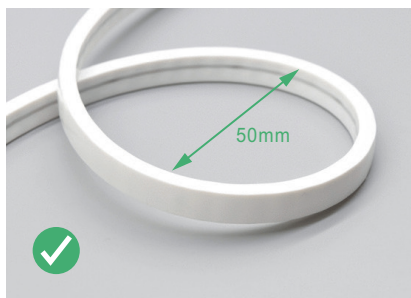


As the picture shows, please do not twist the strip, or it will be damaged.

Correct bending way



Face to the light surface, fold the strip, the minimum bending diameter is 40mm.



Light surface upwards, the strip is bendable to right or left naturally, the minimum bending diameter is 50mm.