SurMountor
INNOVATIVE LIGHTING
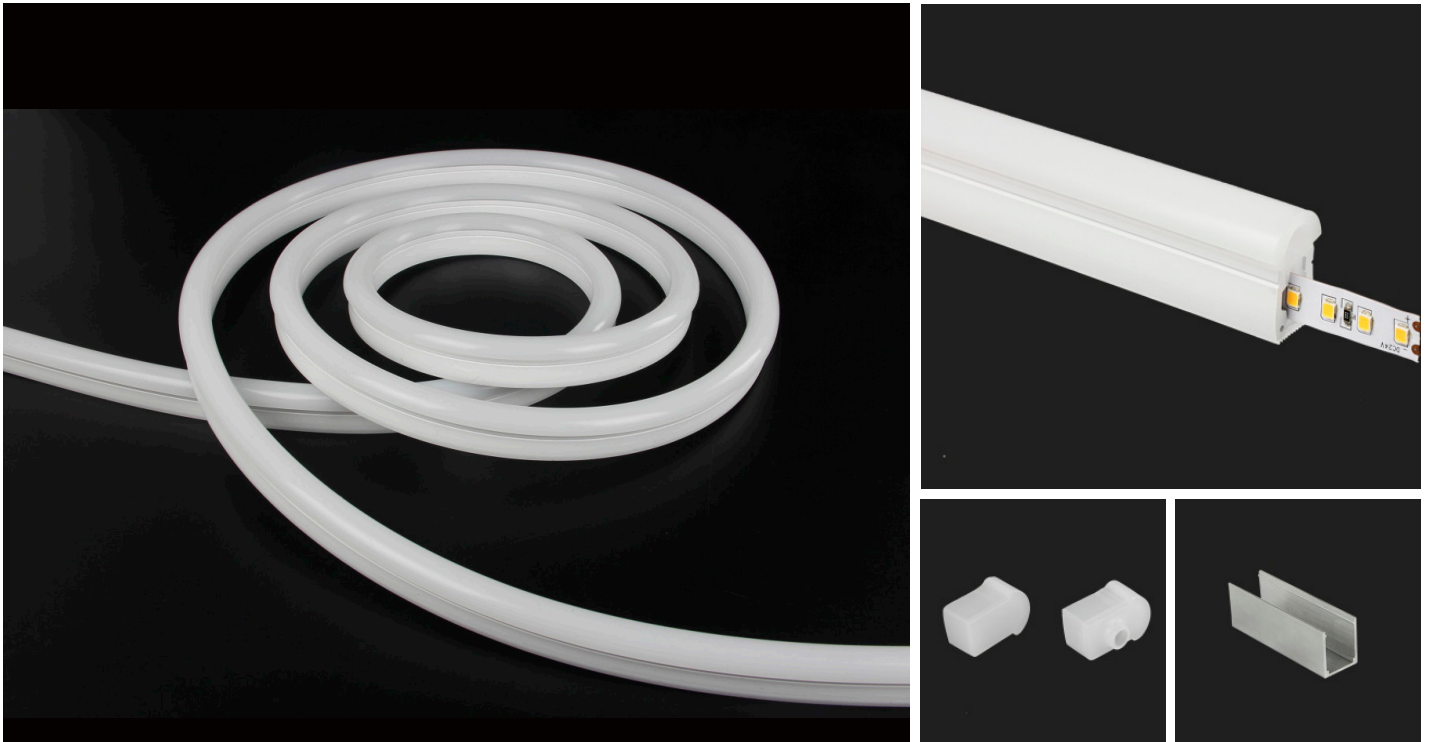
IP67

N1326

LED Neon Flex Silicone Tube
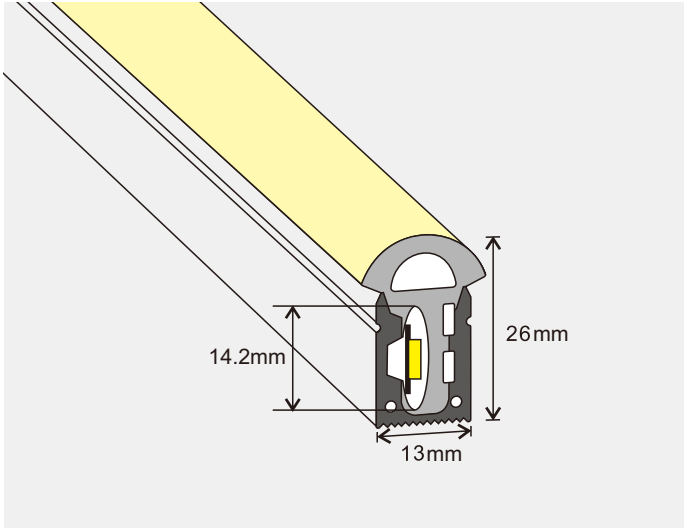
Product Specification

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.
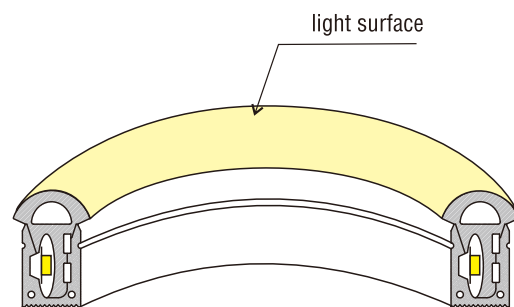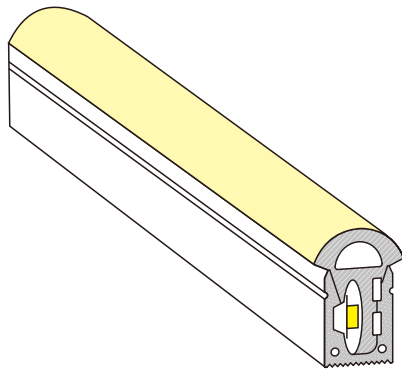
CE   RoHS   IP67

Surmountor Lighting Co., Ltd

Add: 2/F, Building D, Yonghengxin Industrial Park, No. 5, Furui Road, Fuyong Town, Shenzhen, Guangdong, China.

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LED strip colloid specifications comparison

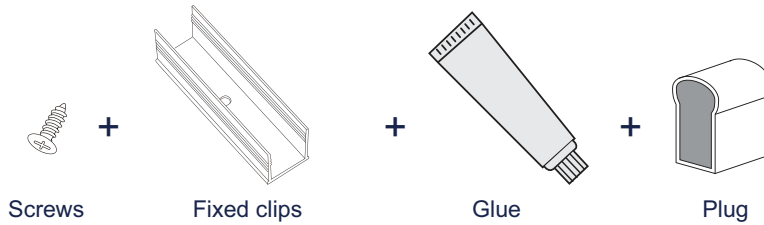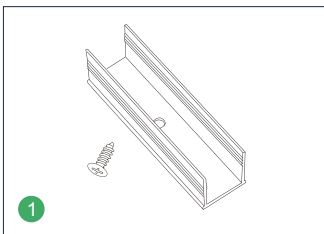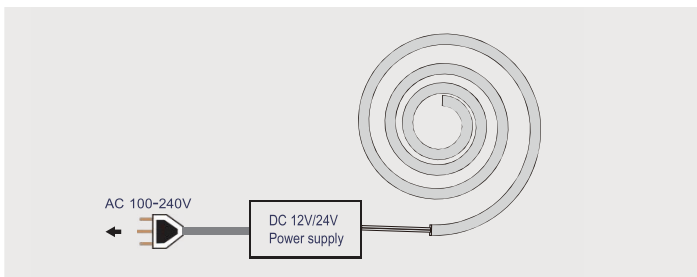| Materials / Main parameters	Silicone flexible led strip	PVC flexible led strip	Notes
Colloid features in -40℃	No crack after 30 days	Totally cracked	The low temperature resistant of silicone is superior than PVC or epoxy materials
Colloid features in 120℃	No obvious change after 72 hours	Colloid changed into yellow and deformed after 2 hours	The high temperature resistant of silicone is superior than PVC or epoxy
Colloid features in 180℃	No obvious change after 72 hours	Colloid changed into brown and some melted after 20 minuts	Over 150℃, PVC is easily hydrolyzed, Viscosity becomes weaken and easily seperated
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

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Structure & Spec.

14.2mm
26mm
13mm

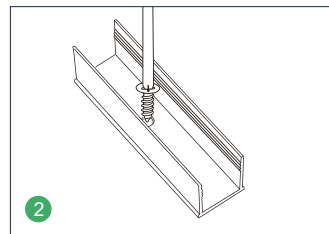| Size (mm)	13*26
PCB Limited (mm)	10~12
IP Grade	IP67
Working Temperature	−20 to 50°C
N.W.(G/M)	275
Voltage (V)	12/24 DC
Watt (W/M)	24 Max.
LED Type	2835/3528/5050
Color	WW/NW/CW/RGB RGBW/RGB+IC
Luminous (LM)	182
Luminous Efficiency (LM/W)	13
* This lumen is based on SMD2835-120LEDS/M inside.	
CRI (RA)	>80

light surface

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Installation Accessories

Screws + Fixed clips + Glue + Plug

Installation Instructions

AC 100~240V

DC 12V/24V
Power supply

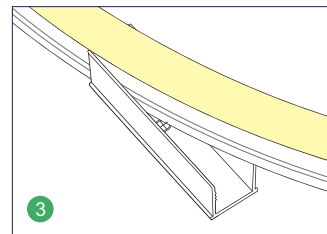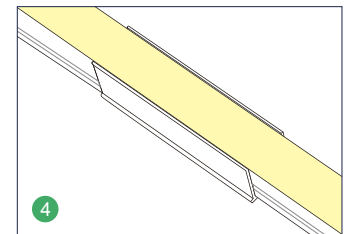**1** Prepare the screws and fixed clips

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

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

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

Packaging

50m/Roll

Each roll pack with expandaple polyephylene and compression film to fix.

1Roll/box

Inner size
355x355x305mm

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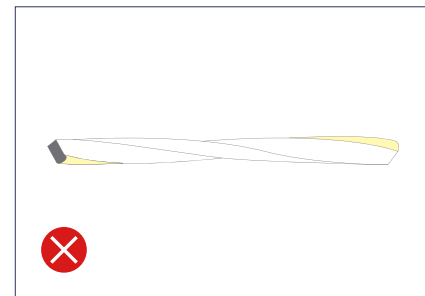
Wrong bending way
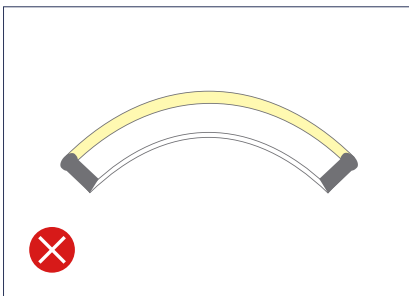
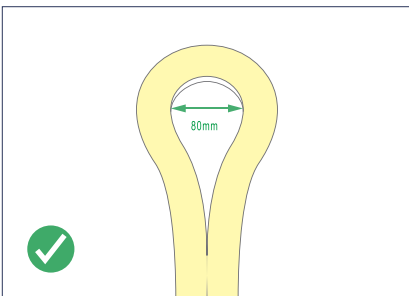Face to the side surface (as the picture shows). Do not bend downward to damage the strip.
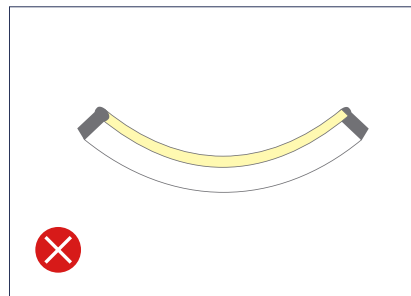
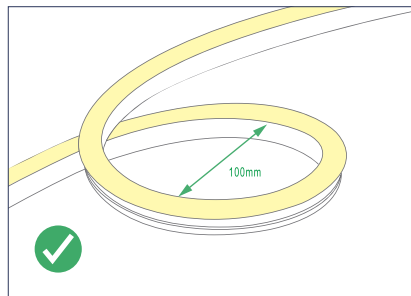Face to the side surface (as the picture shows). Do not bend upward to damage the strip.

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 80mm.

Light surface upwards, the strip is bendable to right or left naturally, theminimum bending diameter is 100mm.