CE   RoHS   IP67

N1010P-TOP

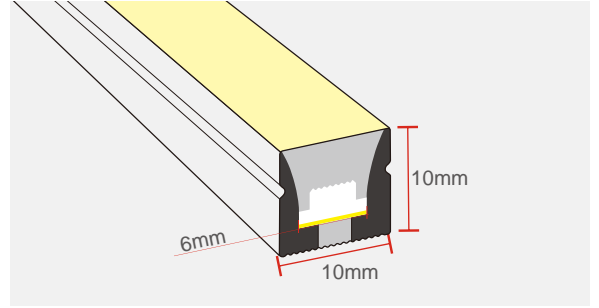**LED Neon Flex Silicone Tube**

Product Specification

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 minutes	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

Product Features

• Anti-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.
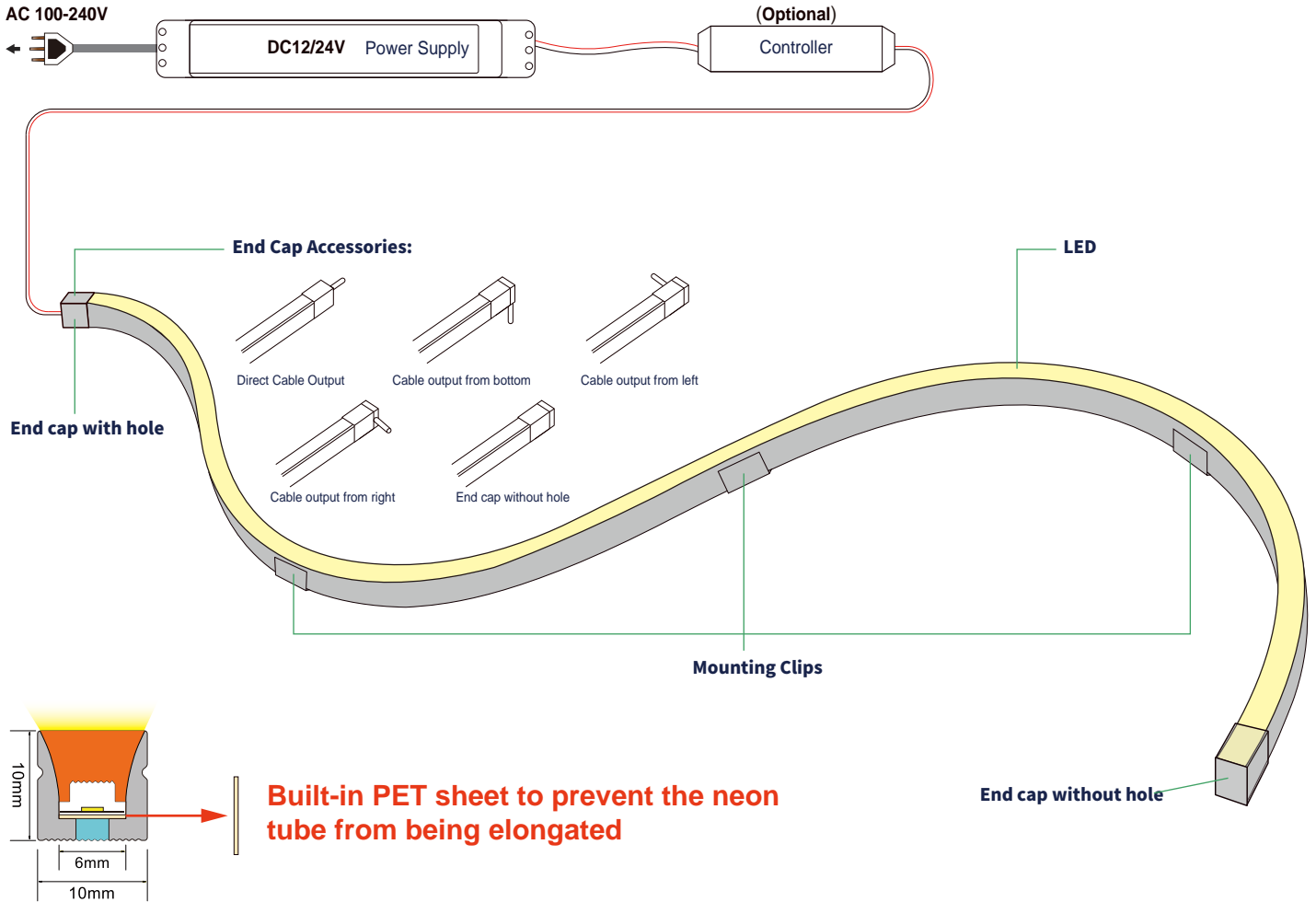
ShenZhen Surmountor Lighting Co., LTD

TEL: +86-0755-27926119/27926326   E-mail: sales@surmountor.com   Add: Building D, Yonghengxin Industrial Park, No. 5, Furui Road, Fuyong Town, Shenzhen, Guangdong, China.

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Size (mm)	10*10
PCB Limited (mm)	5
IP Grade	IP67
Working Temperature	−20 to 50°C
N.W.(G/M)	99

Recommend Led Strip parameters

SMD2835, 120 LED/meter PCB Width: 5MM								
Part number	Color		Lumen/M	Cut every (LEDS)	LED Qty/M	Voltage	Power/M	PCB Width	Packing/M
SUR-2835FWW120-24V	WW		1300	6	120	24V	14.4W	5mm	5 Meters/reel
SUR-2835FNW120-24V	NW		1450						
SUR-2835FCW120-24V	CW		1600						

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Product System Solutions

AC 100-240V

DC12/24V Power Supply

(Optional)
Controller

End Cap Accessories:

Direct Cable Output

Cable output from bottom

Cable output from left

Cable output from right

End cap without hole

LED

End cap with hole

Mounting Clips

10mm

6mm

10mm

Built-in PET sheet to prevent the neon tube from being elongated

End cap without hole

Installation Accessories

Screws

+

Fixed clips

+

Glue

+

End Cap
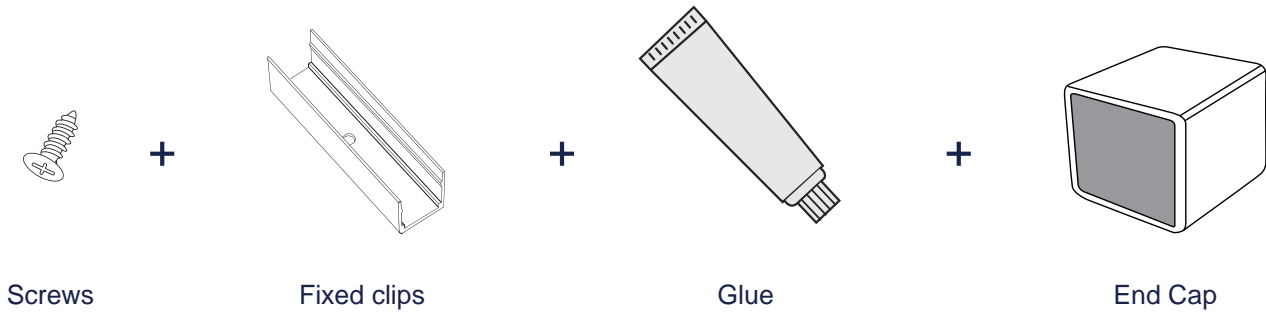
Installation of clip

1. Use screws to fix the clips or carriers on the mounting position
⚠ Cip. 3clips can be used for 1m

✔

✖
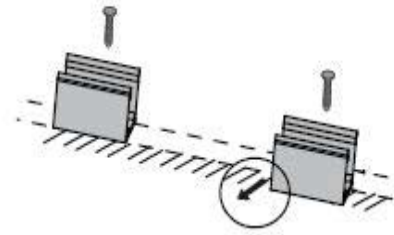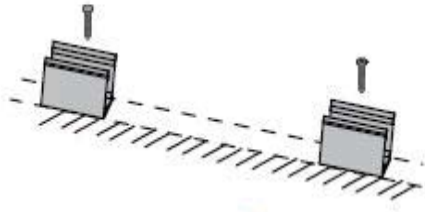
Installation of carrier

1. When installing the LED strip, install it from both ends at the same time, installation from one direction is prohibited.
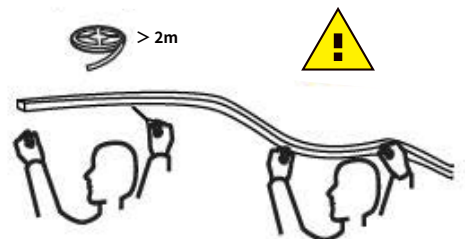
1   2   1

✔

2

1

✖
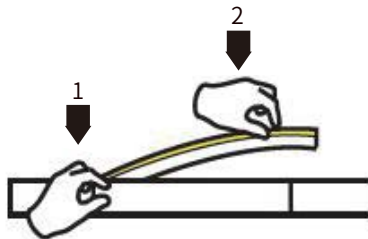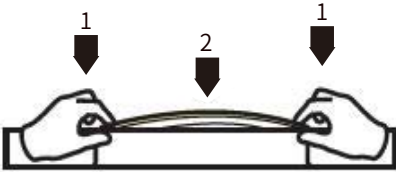
⚠ If the length of LED strip is over 2m, it is recommended to install by two persons.

> 2m   ⚠
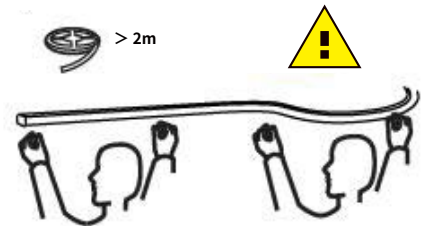
2. Use tool to disassemble carefully, and do not pull the LED strip directly.

✔

✖

⚠ If the length of LED strip is over 2m, it is recommended to disassemble by two persons.

> 2m   ⚠

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.
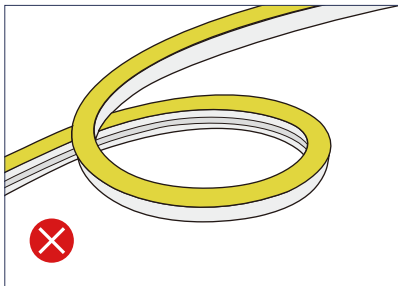
Correct bending way
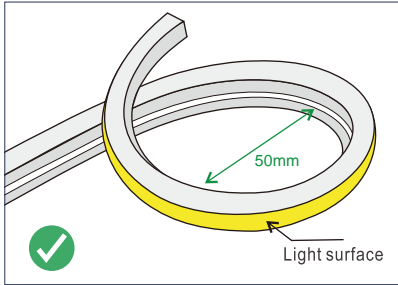
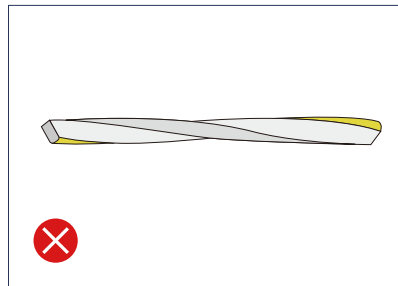Lighting outside as above. Circle bending minimum diameters is 50mm.
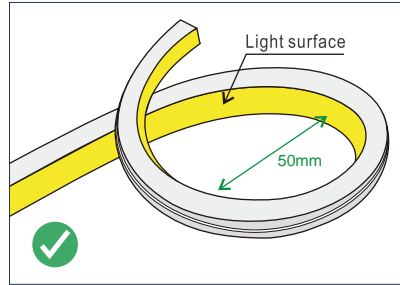
Lighting inside as above. Circle bending minimum diameters is 50mm.

Wrong bending way

Do not bend sideways, otherwise the light strip will be damaged

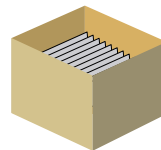As the picture shows, please do not twist the strip, or it will be damaged.

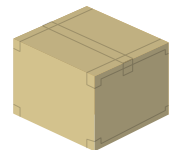# Package of Neon Strip (5M/Roll)

5m/Roll

Pack in Anti-Static bag

Pack in Inner Carton
Size: 25*25*30CM

Pack with Outer Carton
Size: 56*27*30CM

Package of Silicone tube (100M/Roll)

100m/Roll

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

1Roll/box

Inner size: 355x355x155mm