Flex Led Neon Light

N1010D

IP67	UV RESISTANT	FLAME RESISTANT	SALTWATER RESISTANT	SOLVENT RESISTANT	50℃ -20℃
Indoor	outdoor	CE	RoHS	WARRANTY 3 YEARS	Anti yellowing

Product Specification
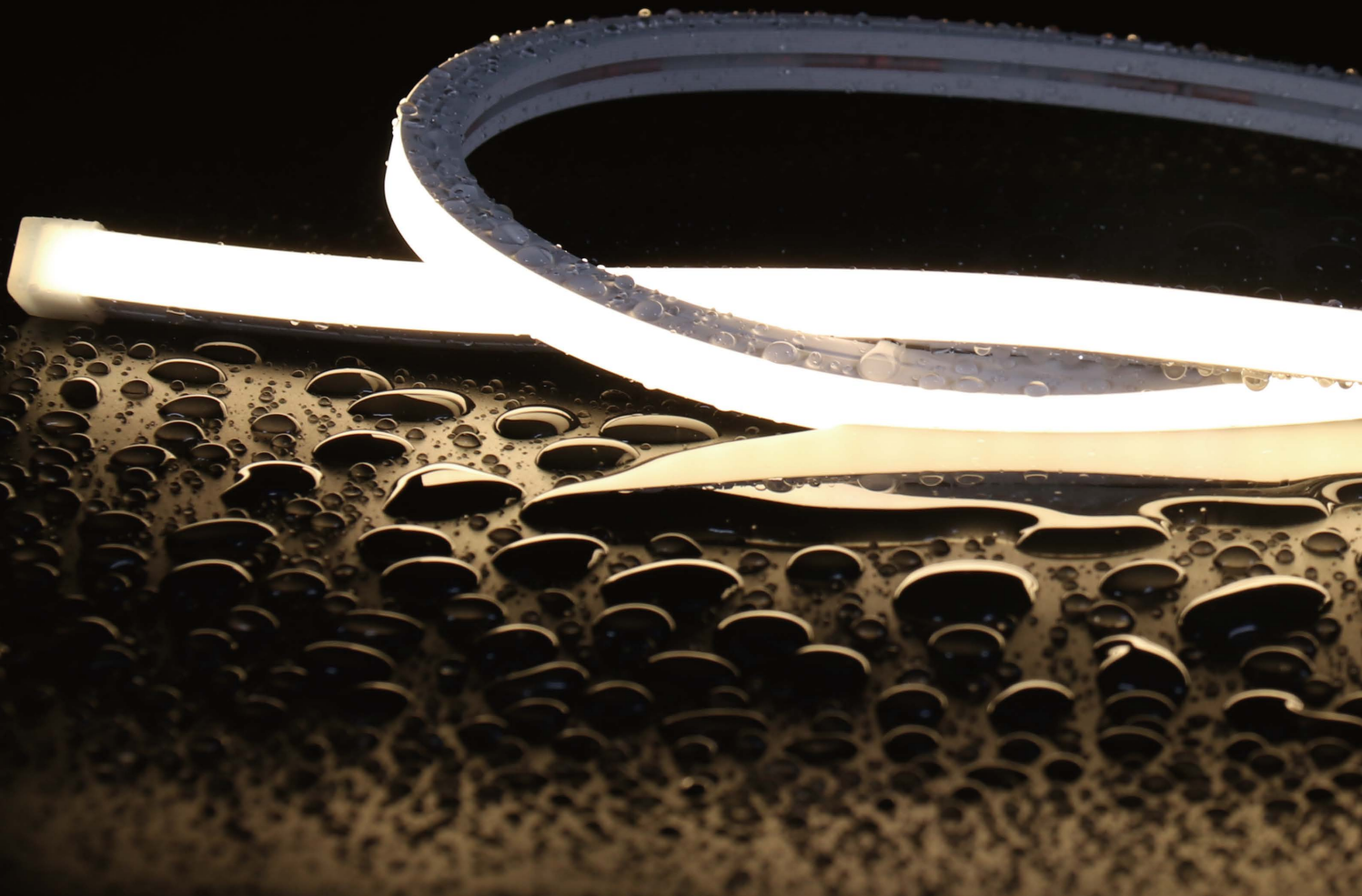
LED strip colloid specifications comparison

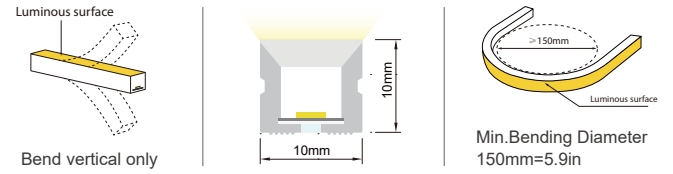| Main parameters / Materials	Silicone flexible led strip	PVC flexible led strip	Notes
Colloid features in -40℃	No crack after 30 days	Totally cracked	The low temperature resistant of silicone is superior than PVC or epoxy materials
Colloid features in 120℃	No obvious change after 72 hours	Colloid changed 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.

Specification

Built-in PET sheet to prevent the neon tube from being elongated
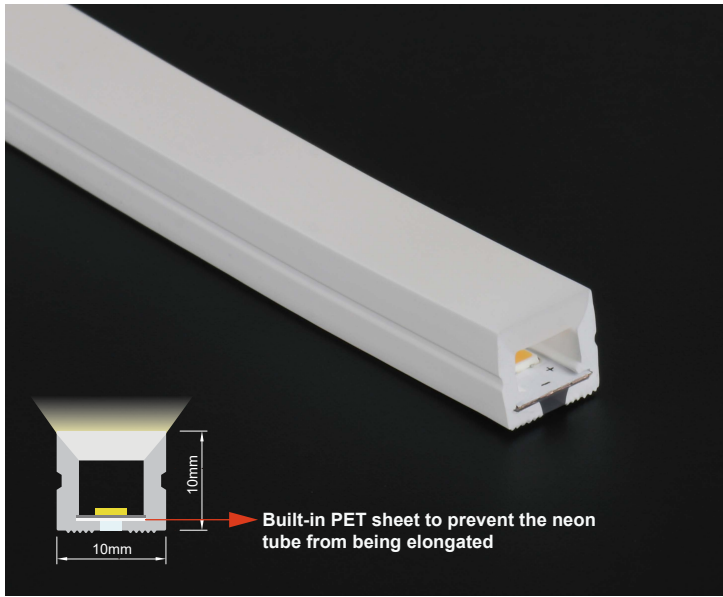
Horizontal Bending (Silicone)

Luminous surface

Bend vertical only

10mm

10mm

Min.Bending Diameter
150mm=5.9in
>150mm
Luminous surface

IP67 Protection	**Flame Resistant**	**UV Resistant**	**Solvents Resistant**	**Saltwater Resistant**
Dirt Resistant	**CRI90**	**3 Years Warranty**	**Ambient Working**	**Anti Yellowing**

Model Number	N1010D	Size (mm)	10*10
PCB Limited (mm)	8mm	IP Grade	IP67
Working Temperature	−20 to 50°C	N.W.(G/M)	84g

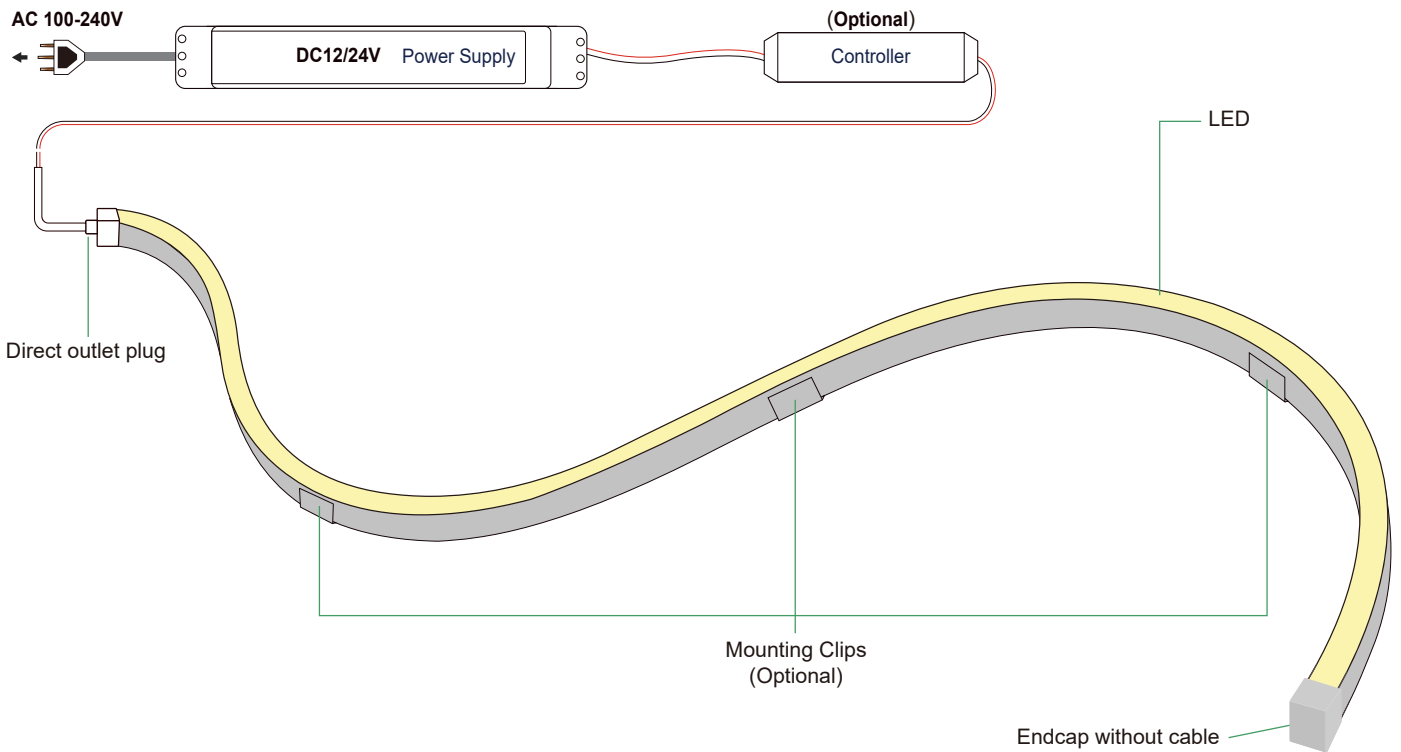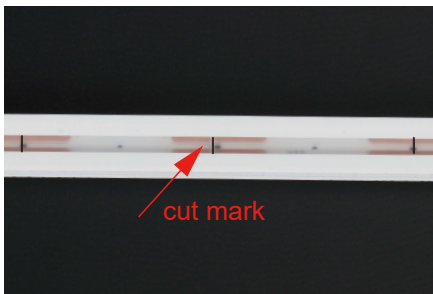## Dimensions of light

5000mm

300mm

10mm

10mm
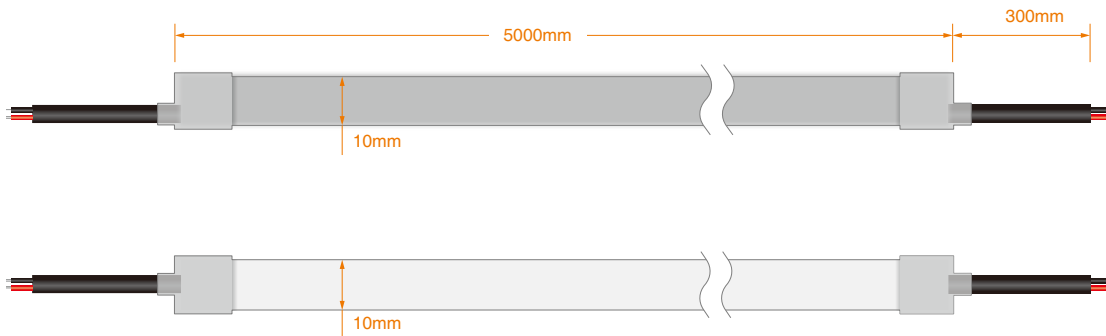
Recommend LED strip parameters

SMD2835, 120 LED/meter

Part number	Color		Luneh/M (LEDS)	Lumen/M (with neon tube)	Cut every (LEDS)	LED Qty/M	Voltage	Power/M	PCB Width	Packing/M
SUR-2835FWW120-24V	WW		1000	760						
SUR-2835FNW120-24V	NW		1100	840	6	120	24V	10W	8mm	5 Meters/reel
SUR-2835FCW120-24V	CW		1150	880						

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Product system solutions

AC 100-240V

DC12/24V Power Supply

(**Optional**)
Controller

LED

Direct outlet plug

Mounting Clips
(Optional)

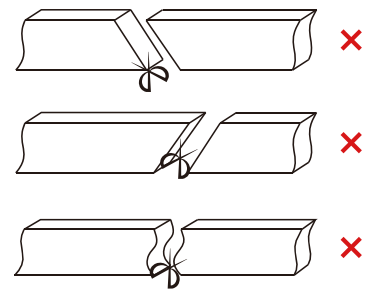Endcap without cable

Cut mark

cut mark

Remarks: There is a transparent
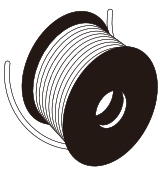window at the bottom of the light
strip,

Make precise vertical cuts at the
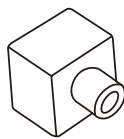exact cut position of the light strip.

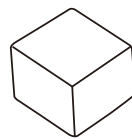Please do not arbitrarily cut or cut
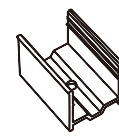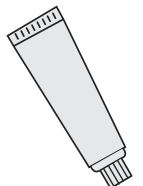into a bevel and arc section.

Installation accessories

Cables and Connectors

End Cap with Hole

End Cap

Mounting clip
(Optional)

Glue

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Installation

This product is suitable for surface mounting or embedded sealing installation. Recommended slot size: Width 16mm, Depth 15mm, gently press the neon sleeve into the slot.
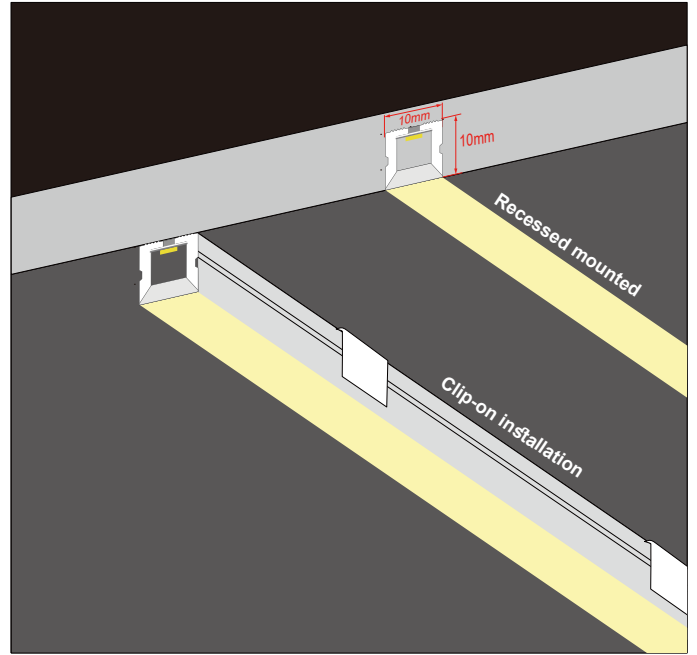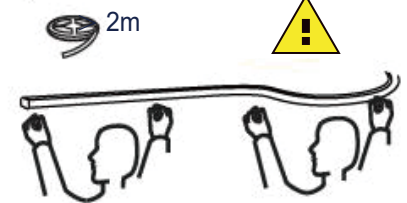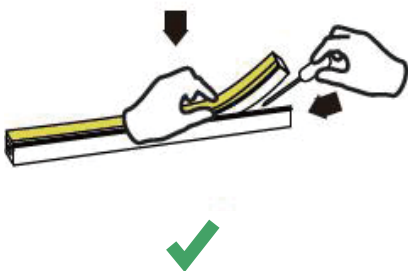
Installation of carrier

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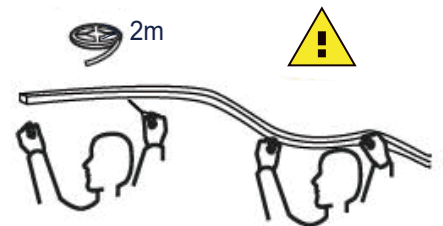

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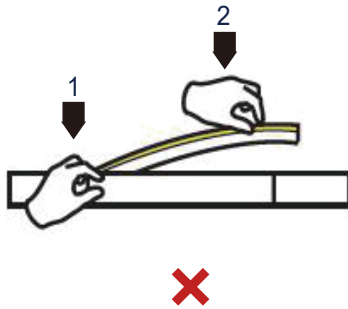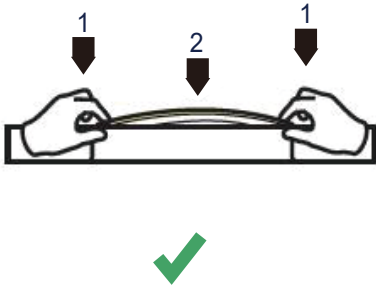
⚠ If the length of LED strip is over 2m, it is recommended to install by two persons.

2m

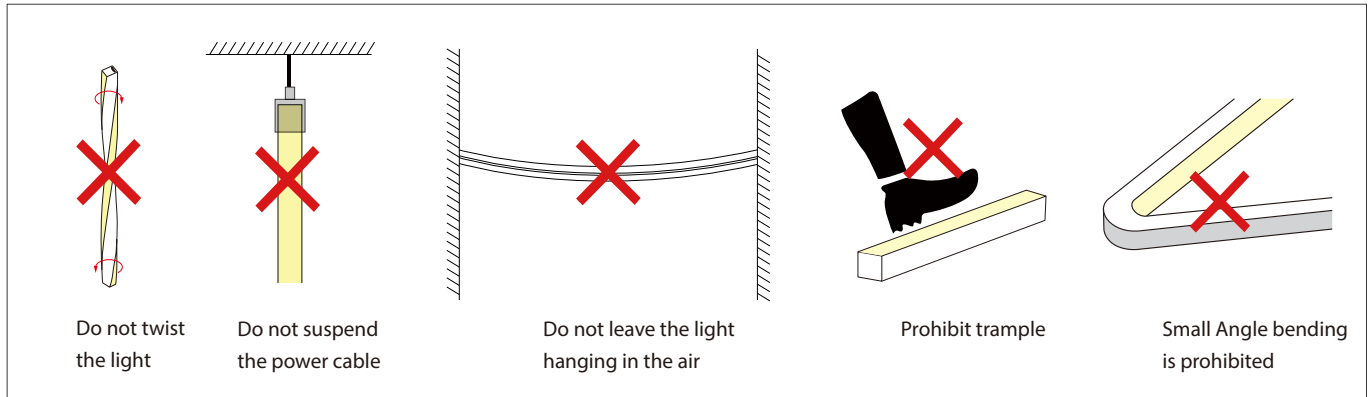2. Use tool to disassemble carefully, and do not pull the LED strip directly.

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

2m

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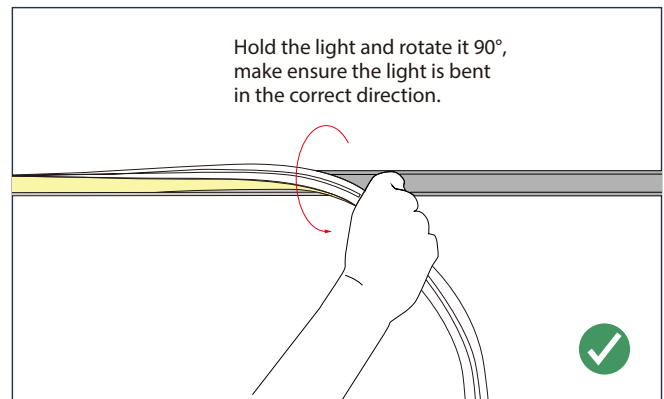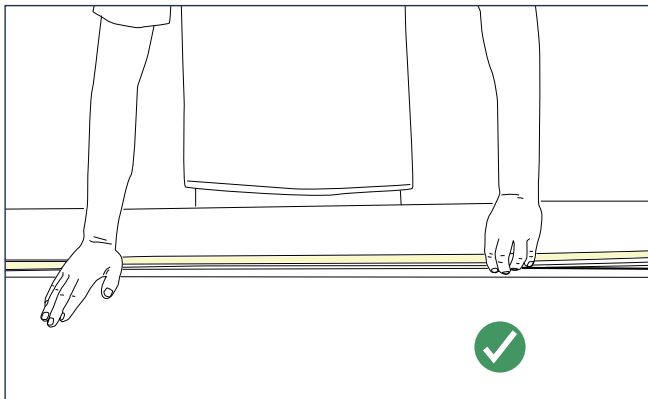
Cautions

- 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

| Do not twist the light | Do not suspend the power cable | Do not leave the light hanging in the air | Prohibit trample | Small Angle bending is prohibited |

Correct bending way

Hold the light and rotate it 90°, make ensure the light is bent in the correct direction.

Package of neon strip (5M/Roll)

| 5m/Roll | Pack in Anti-Static bag | Put 5 plates per carton | Pack with Outer Carton Size: 45*45*30CM |