Flex Led Neon Light

F-NEON-280

IP65 | UV RESISTANT | FLAME RESISTANT | SALTWATER RESISTANT | SOLVENT RESISTANT | 50℃ -20℃

Indoor | outdoor | CE | RoHS | WARRANTY 3 YEARS | Anti yellowing
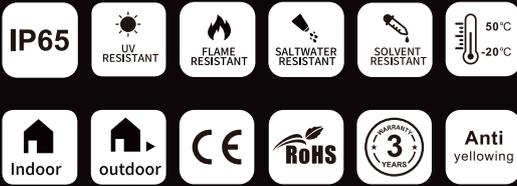
Product Specification

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.

Recommend LED strip parameters

SMD2835, 280 LED/meter									
Part number	Color		Lumen/M CRI 80	Lumen/M CRI 90	Unit cut	Cut every (LEDS)	LED Qty/M	Voltage	Power/M	Max run length
SUR-2835-280-24V	WW		810	729	25mm	7	280	24V	9.6W	5 meters from one end
	NW		850	765						
	CW		840	756						

Dimension structure

Integrated Lamp Body
Integrated End Cap
Cross section   Tricolor extrusion

More extreme vision

Frosted Process

More perfect touch

High density LED source

Food grade silicone material, anti corrosion, anti UV
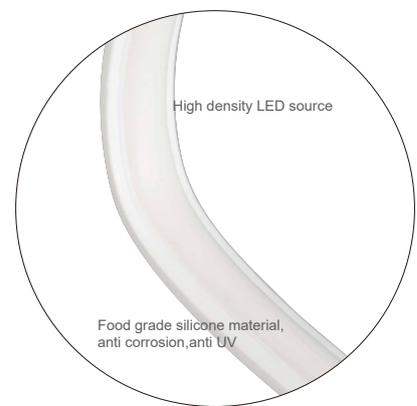
More stable performance

2.5 | 7
10MM
10±0.2
L
1.5
4.2
5.1
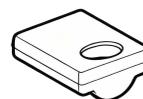4

4.27
8
10
Cross section
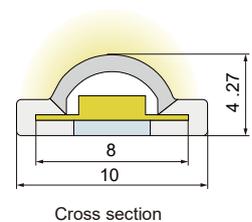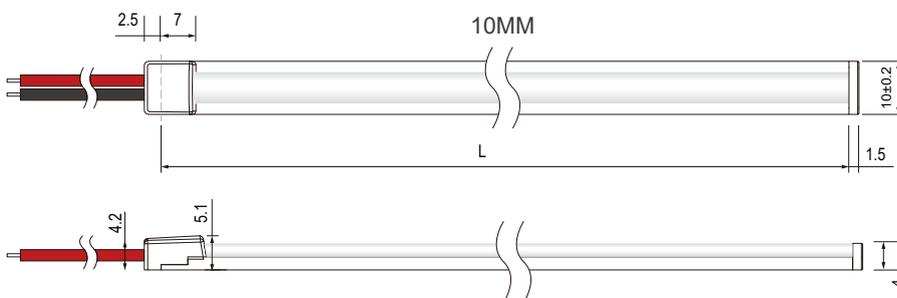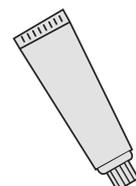
Installation accessories
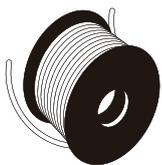
Cables and Connectors

End Cap with Hole

End Cap

End Cap Bottom

Glue

Cut mark

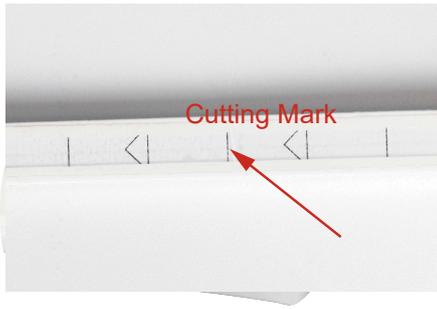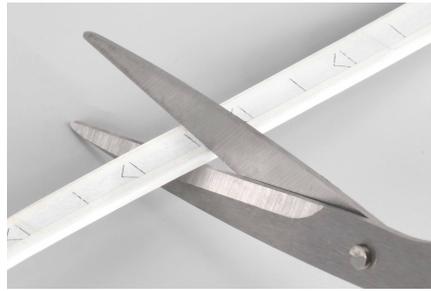Cutting Mark
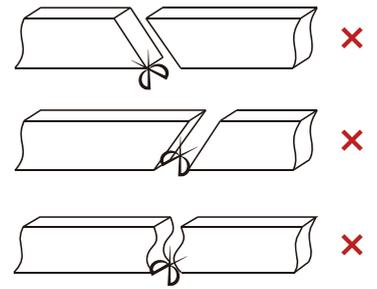
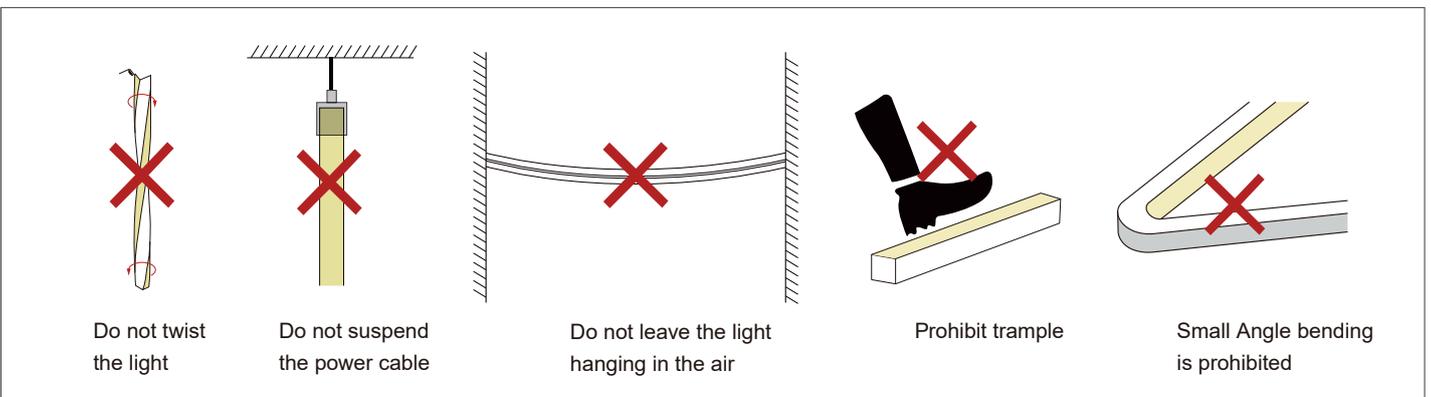Remarks: There is a transparent window at the bottom of the light strip,

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

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

Cautions

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

Installation Diagram

Installation with 3M tape

① Peel the protective paper from 3M tape

② Check to make sure 3M tape is attached to COB strip

④ Stick the COB strip on the position to be installed and switch on the driver

③ Clean the required installation position before installation