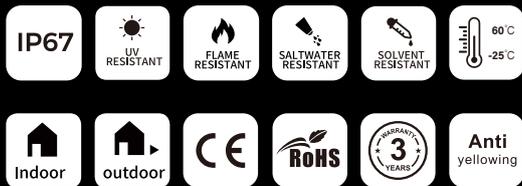


Flex Led Neon Light

N1313D-HV



Product Specification



LED strip colloid specifications comparison

Materials	Silicone flexible led strip	PVC flexible led strip	Notes
Main parameters			
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 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

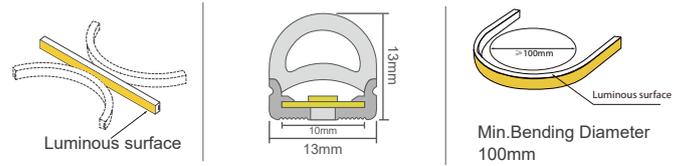
- Anti-yellowing and heat resisting silicone glue, chemical resistance acid and alkaline, available for extremely terrible outdoor environment.
- Uniform and soft luminance, no light spot.
- Super brightness large chip, golden wire welded and copper led holder for quicker heat dissipation, higher stability,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



Specification

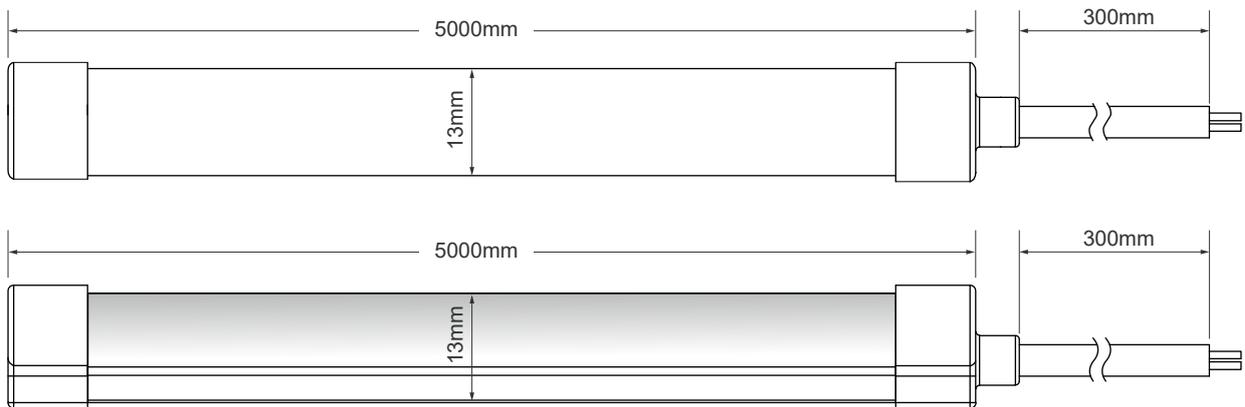


Bending (Silicone)



Model Number	N1313D-HV	Size (mm)	13*13
PCB Limited (mm)	10mm	IP Grade	IP67
Working Temperature	-25 to 60°C	N.W.(G/M)	138g

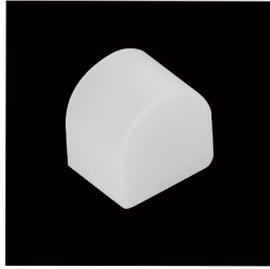
Dimensions of light



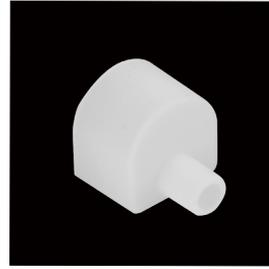
N1313D-HV Accessories



Mounting clip
(Optional)



Closed silicone
endcap



Silicone endcap
-front



Glue



Power Supply and Controller
(Optional)

Recommend LED strip parameters

(1) N1313D-HV WHT

SMD2835, 120LED/meter								
Part number	Color	Lumen/M CRI 80	Unit cut	Cut every (LEDS)	LED Qty/M	Voltage	Power/M	Max run length
SUR-2835FW120-220V	WW 	770	100mm	12	120	220V	10W	50 meters from one end
	NW 	860						
	CW 	820						

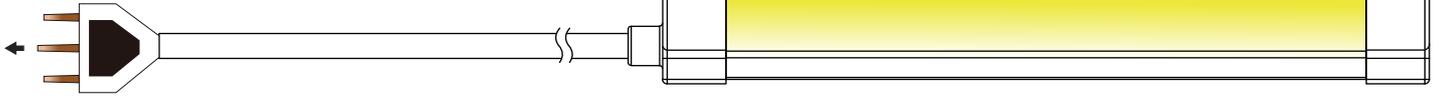
(2) N1313D-HV RGB

3838RGB LED Strip, 120LED/Meter								
Part number	Color	Lumen/M	Unit cut	Cut every (LEDS)	LED Qty/M	Voltage	Power/M	Max run length
SUR-3838RGB-120-220V	Red 	76	500mm	60	120	220V	12W	50 meters from one end
	Green 	195						
	Blue 	42						

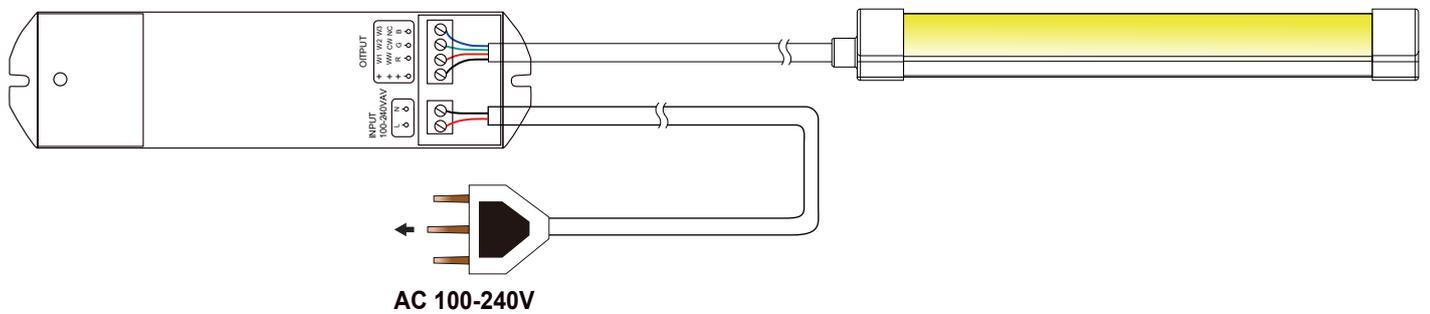
Product system solutions

Single Color Connection Diagram:N1313D-HV

AC 100-240V



RGB Connection Diagram: N1313D-RGB-HV



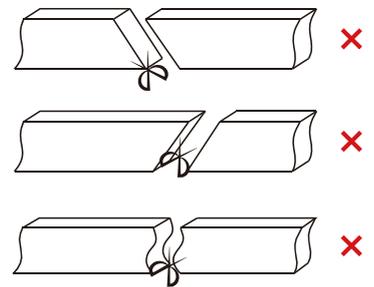
Cut mark



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



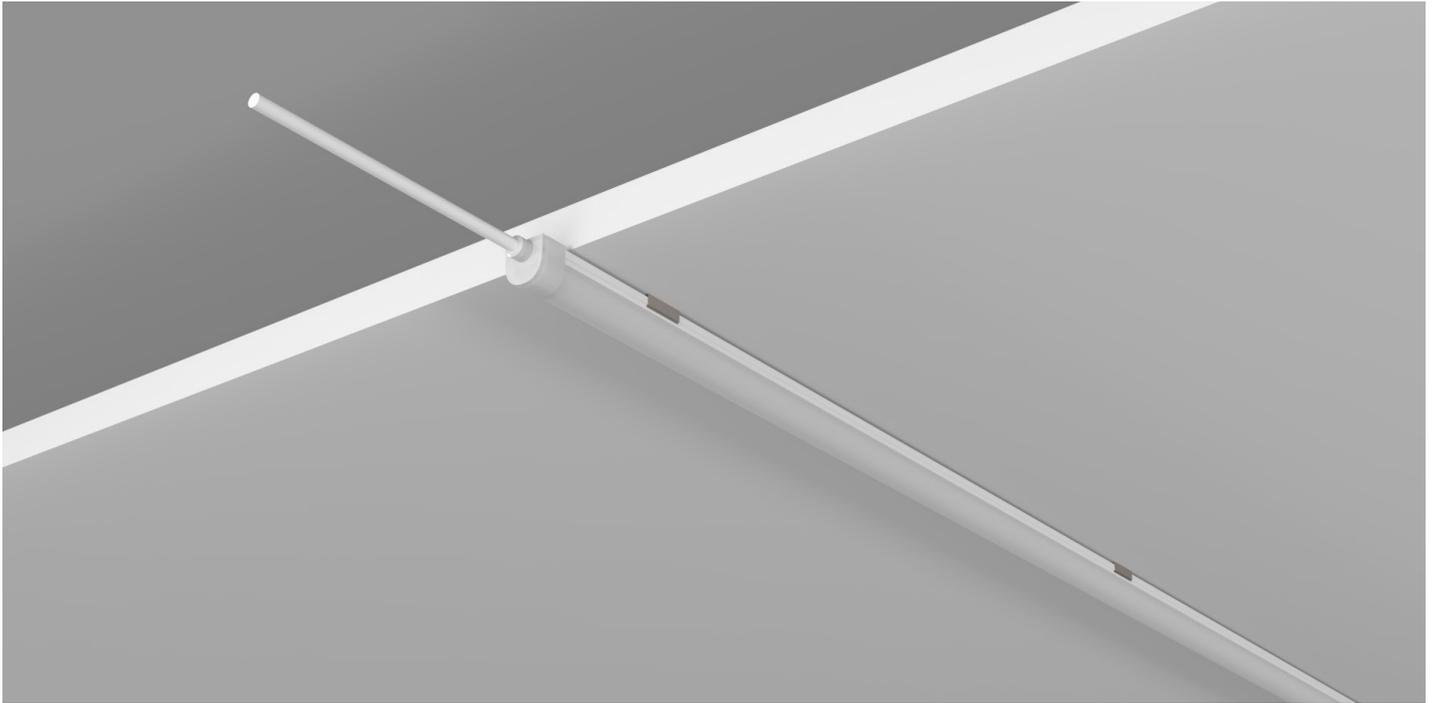
Make precise vertical cuts at the exact cut position of the light strip.



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

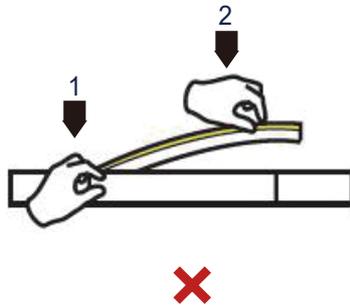
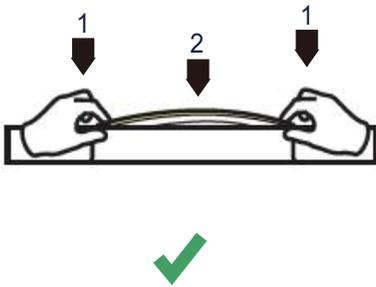
Installation

This product is suitable for surface mounting. Fix the mounting clips with screws, then snap the neon strip into the clips.



Installation of carrier

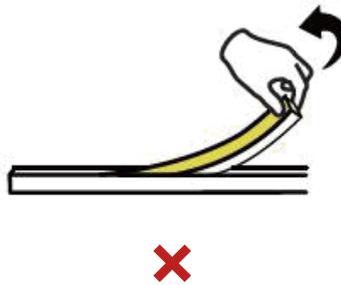
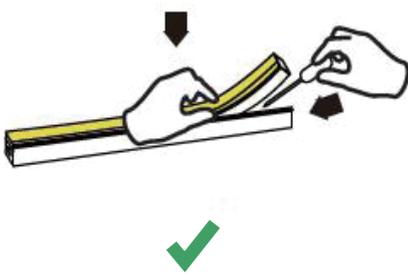
1. When installing the LED strip, install it from both ends at the same time, installation from one direction is prohibited.



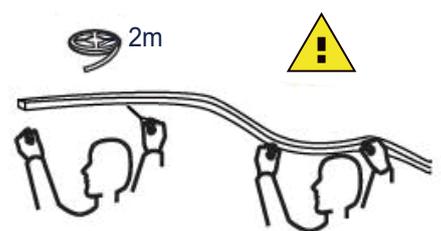
⚠ If the length of LED strip is over 2m, it is recommended to install by two persons.



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



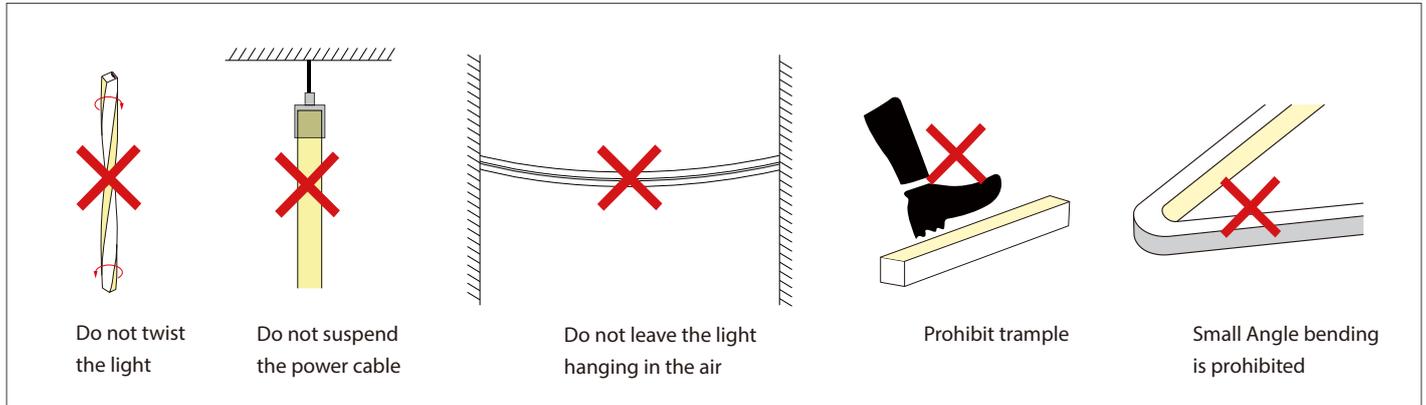
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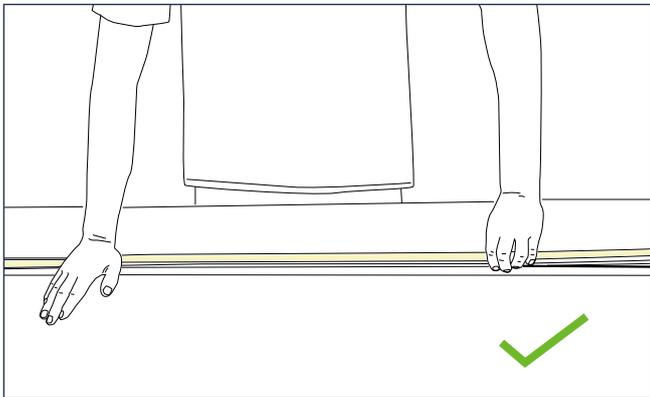
Cautions

- Please notice that the strips are not bendable to all directions. As the appropriate specific shape and degree, please follow the following instruction.
- Please read the specifications thoroughly before installation by professional staff to make sure the safe use.

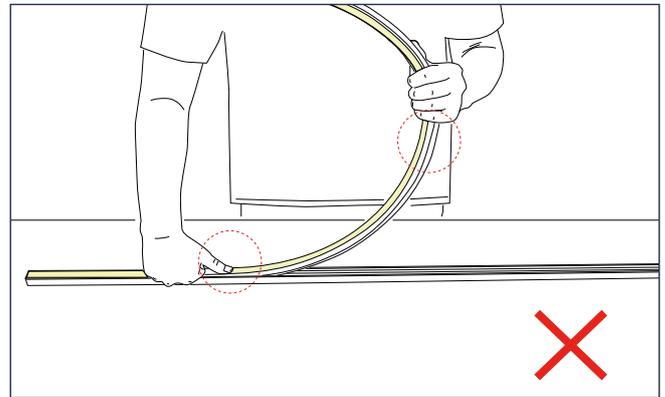
Wrong bending way



Correct bending way



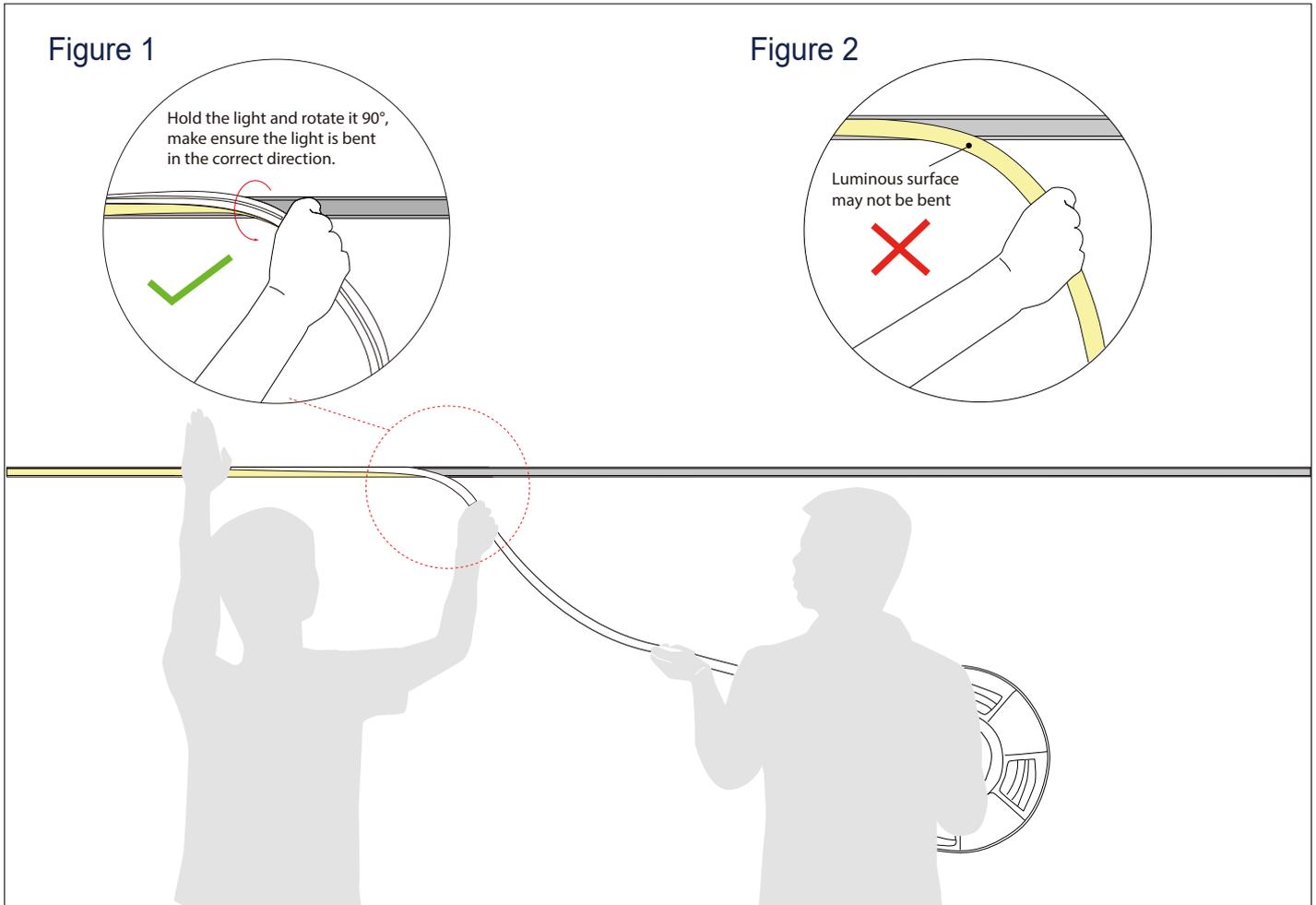
- Please press the led strip with your palm to slowly insert the led strip into the groove, and gently straighten the led strip above the groove with your right hand.
- Try to keep the led strip in a flat state during the installation process.



- Do not press the led strip with a single finger, it is easy to damage the internal parts of the led strip.
- The bent arc of the led strip should not be too large during installation.

Installation Precautions

(If the length of the light is more than 2 meters, two persons must work together to install it.)



1. Installer:

- Press the light with the palm of the left hand to slowly load it into the slot. Straighten the light with right hand, hold it and rotate it 90° to droop it in the direction of your hand. See Figure 1.
- Do not bend the luminous surface to the side. See Figure 2.

2. Assistant:

- Cooperate with the installer to lift the reel of the light, and then slowly deliver the light to installer. Do not pull or twist the light during the installation.

Package of Silicone tube (50M/Roll)



50m/Roll



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



1Roll/box



Inner size: 355x355x305mm