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NEON FLEX

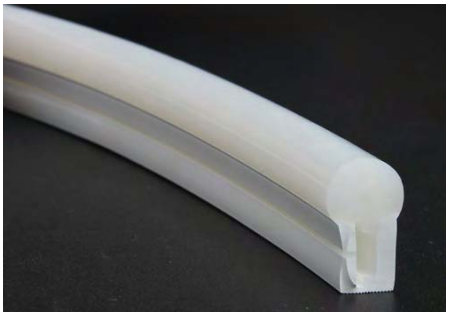
Silicone Tube 1023

Product specification

Led NEON Tubo Silicona 10x23mm

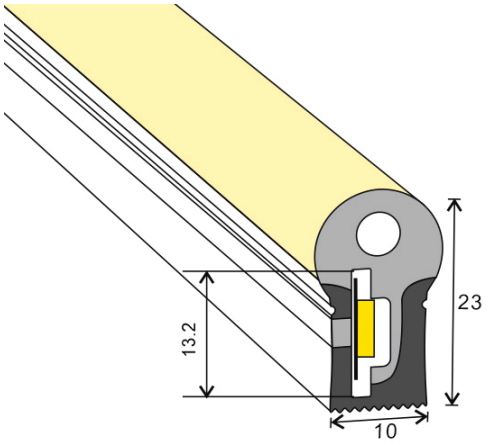






Product Features

- Anti-yellowing and heat resisting silicon glue, chemical resistance acid and alkaline, available for extremely terrible outdoor environment.
- Excellent flexibility to shape optionally.
- 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.



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

Silicone End cap for N 1023

1) Cable output from left



2) Cable output from right

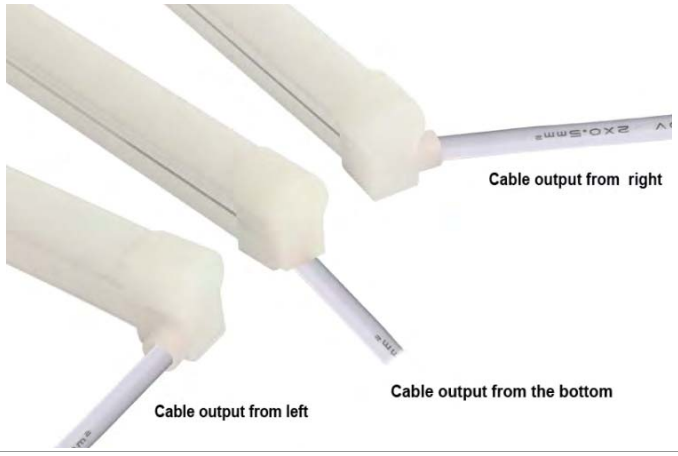


3) Cable output from bottom

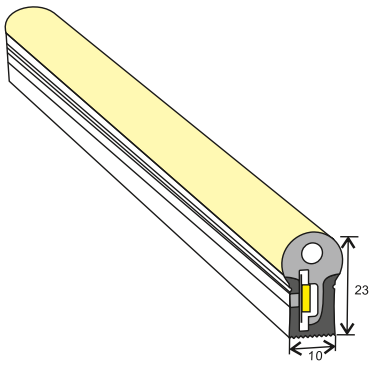


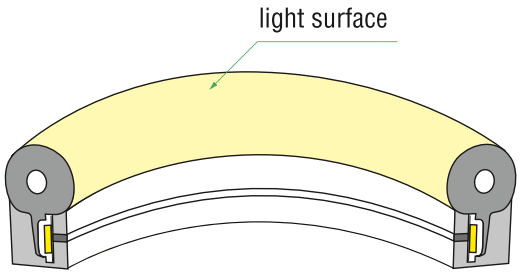
4) without hole





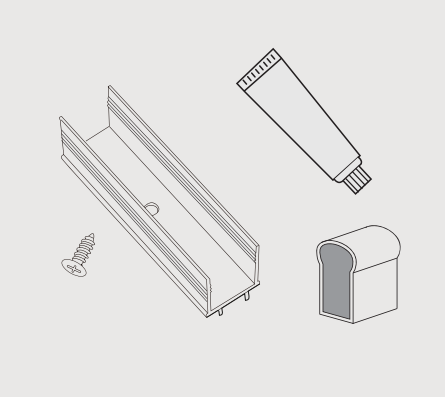
Structure & size





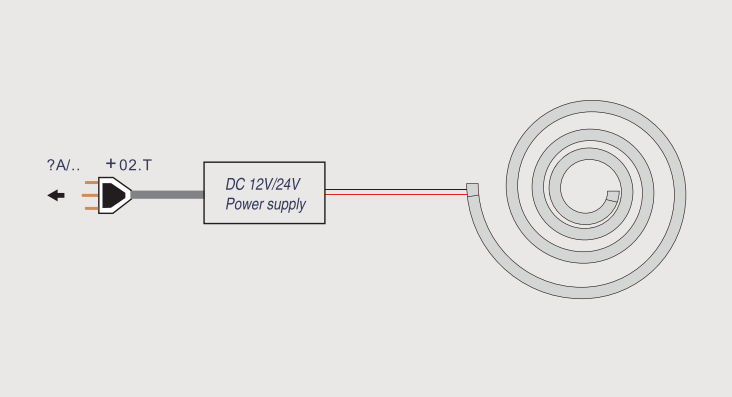
Installation

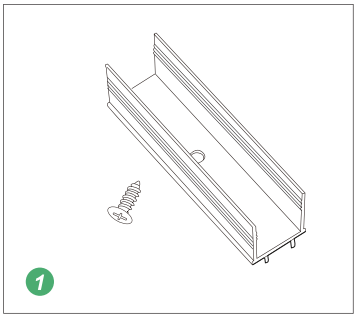
Installation accessories



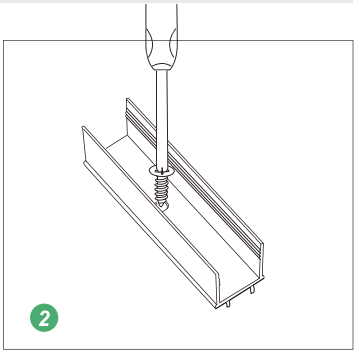
Screws, fixed clips, glue, plug

Installation instructions

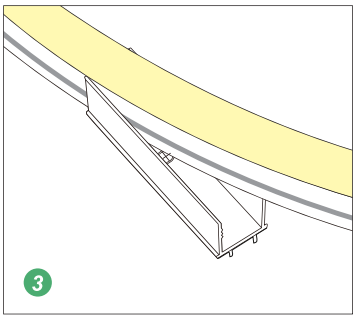




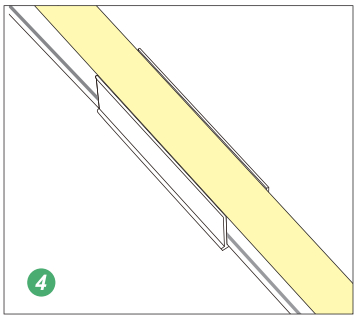
Prepare the screws and fixed clips



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

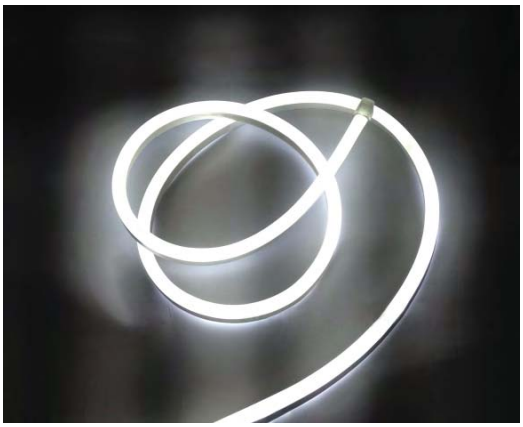


Put the light emitting surface upwards, then insert the LED strip into the fixed clips



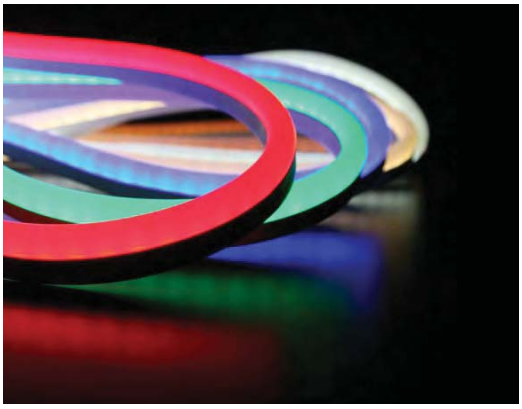
Fix led strip completely into the fixed clip, led strip subface must be parallel to the top edge of fixed clip

White/N1023-5050FW60D-24V



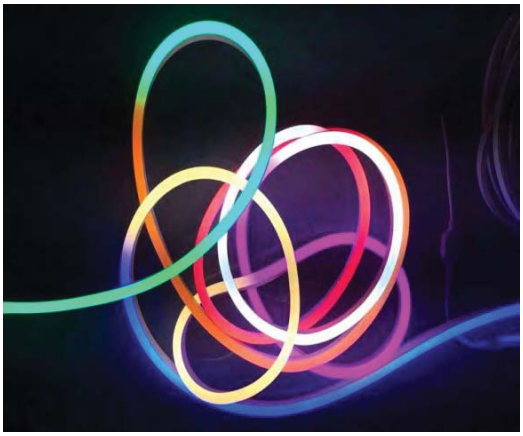
Voltage(V)	DC24V
Watt(W/M)	Max. 14.4W
LED Type	5050
CCT(K)	2600±100K 3000±150K 4100±250K 6250±300K
Luminous(LM)	720LM 750LM 1040LM 1200LM
CRI(RA)	>80
Size(MM)	10*23
N.W.(G/M)	240
Working Temperature	-20~50 ℃
IP Grade	IP65

RGB/N1023-5050FRGB60D-24V

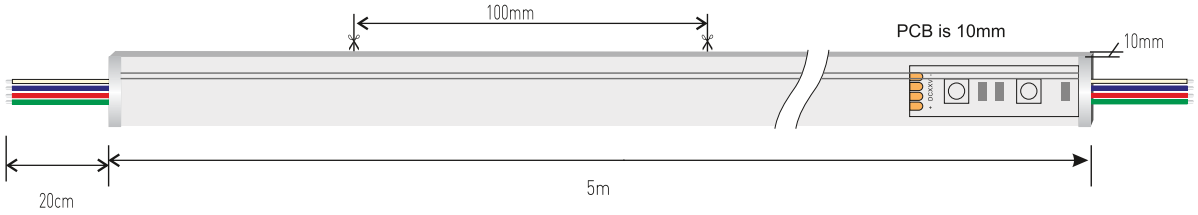


Voltage(V)	DC24V
Watt(W/M)	Max. 14.4W
LED Type	5050
Wavelength	620-630nm / 520-530nm / 460-470nm
Luminous(LM)	24LM / 51LM / 13LM
CRI(RA)	>80
Size(MM)	10*23
N.W.(G/M)	240
Working Temperature	-20~50 ℃
IP Grade	IP65

RGB+IC/N1023-5050FRGB+IC60D-5V



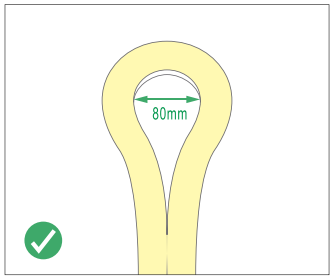
Voltage	DC5V
Gray Scale	256
LED Qty	SMD5050
Watt	Max. 10W
Control Mode	Internal/External
environment humidity	40 - 70% RH
Size(MM)	10*23
Pixel	10pix/M
N.W.(G/M)	240
Working Temperature	-20~50 ℃
IP Grade	IP65



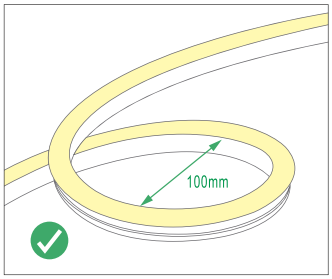
Announcements

Please notice that the strips are not bendable to all directions. As the appropriate specific shape and degree, please follow the following instruction:

Correct bending way

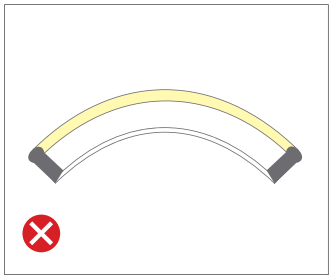


Face to the light surface, fold the strip, the minimum bending diameter is 80mm

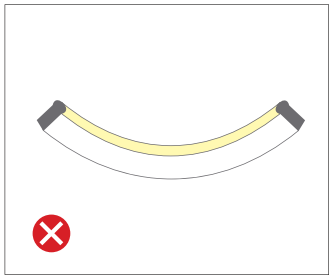


Light surface upwards, the strip is bendable to right or left naturally, the minimum bending diameter is 100mm

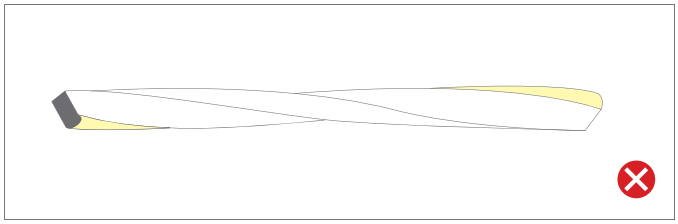
Incorrect bending way



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

- LED strips are low voltage products, you must use the power supply(transformer). Do not 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.

Packaging



50m/Roll





1Roll/box