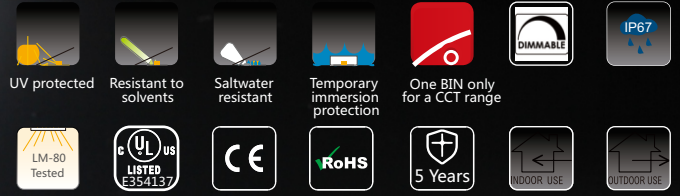


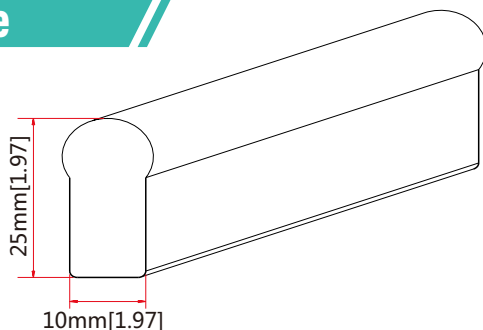
Silicone Extrusion Neon Strip--Reliable Dot-free Linear Light



Features

- ▼ Dot-free linear neon-like illumination
- ▼ Fabricated with Eco-friendly, UV-resistant silicone material
- ▼ V-2 flame retardance
- ▼ Flexible PCB with SMD LED technology
- ▼ 24V DC low voltage, safe and reliable
- ▼ Cutting mark by every 50mm [1.97in]
- ▼ Can be bent laterally
- ▼ cULus Listed, CE, RoHS certified
- ▼ 5-years manufacture warranty
- ▼ Minimum bending diameter in 50mm [1.97in]

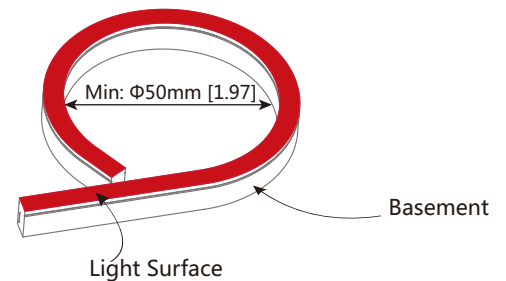
Profile



Application

- ▼ Signage lighting
- ▼ Outdoor/indoor decoration lighting
- ▼ Contour application

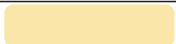






Minimum Bend Diameter



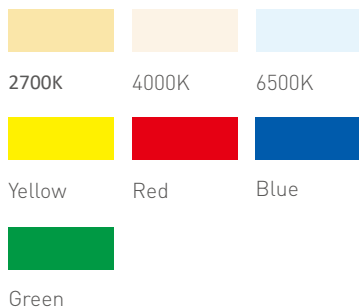
The light can only be bent laterally (opposite bent along to light surface).
Do not bend smaller than allowed minimum bend diameter.

Specifications

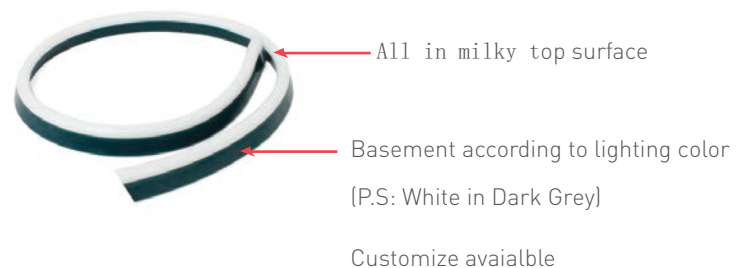
LED Type	SMD 3014	Materials	Silicone
LED Q'ty/m	120pcs	IP Rated	IP67
Input Voltage	24VDC Constant Voltage	Installation	Bracket, or Aluminum channel
Power Consumption/m	9.6W/m	Working Temperature	-25~+60°C
Viewing Angle	150°	Running Length	Single feed: 15m / 49.2 feet Double feed: 30m / 98.4feet
		Certification	E354137 cULus Listed, CE, RoHs
		Warranty	5 years

Order Code	CCT Wavelength/Color	Lumen/M
N2-4	 Warm White 2700-3000K	450-630
	 Daylight 4000-4200K	450-630
	 Cool White 6500-7000K	450-630
	 Red 620-625nm	250-320
	 Green 520-525nm	390-440
	 Blue 465-470nm	85-100
	 Yellow 585-590nm	320-480

Color Available



Color Instruction



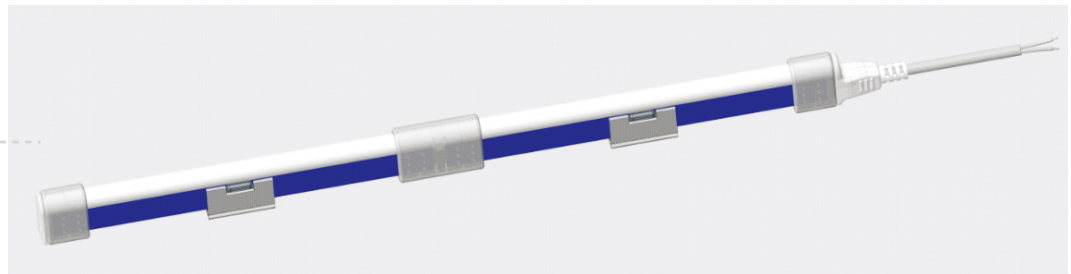
Types of LED NEON. Flex

2 Neon Light options, only different on connectors.

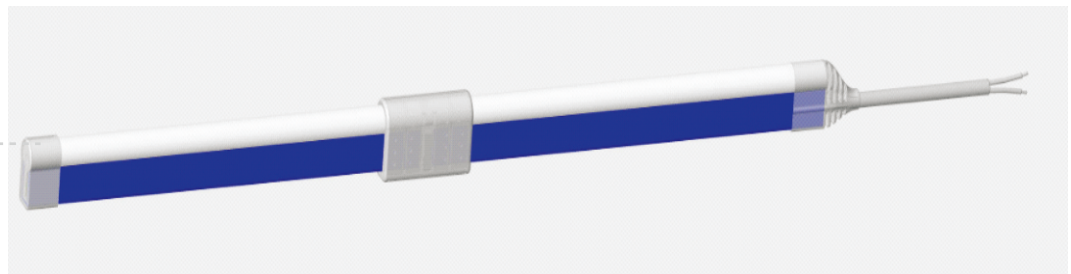
You may choose any one type upon your project.

N2-4

A. Simple Version



B. With Silicone End Fitting Version

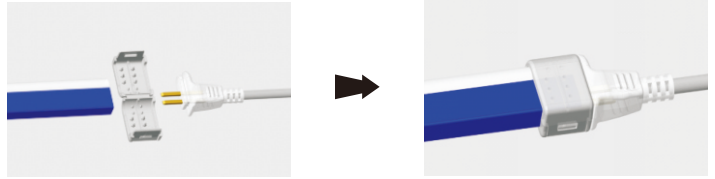


Types of Connectors

A. Simple Version

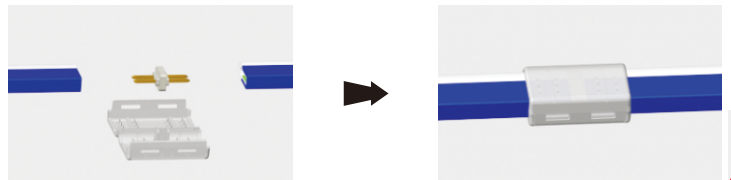
End Exit Cable

Connects light to power supply with pre-installed bottom cable, IP67. Standard 60mm cable length (For longer lengths please contact us).



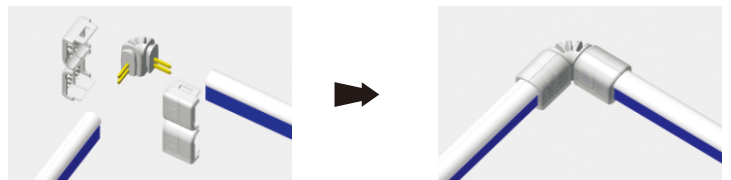
Linear Re-connector

Connects two pieces of light together with the re-connection kits. IP67 Connectors



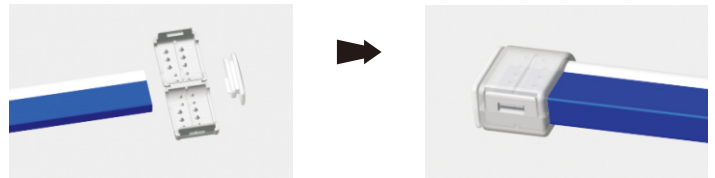
L shape Re-connector

Connects two pieces of light together with a L joint. IP67 Connector



End Cap

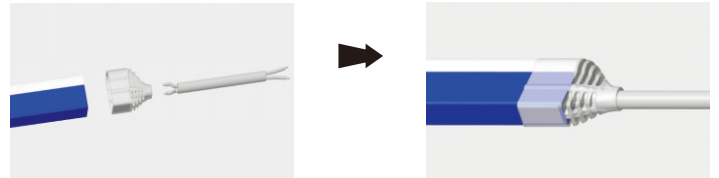
Pre-installed termination protection of the light. IP67



B. Silicone End Fitting Version

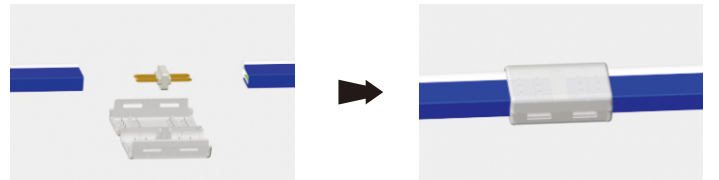
End Exit Cable

Connects light to power supply with pre-installed bottom cable, IP67.
Standard 60mm cable length (For longer lengths please contact us).



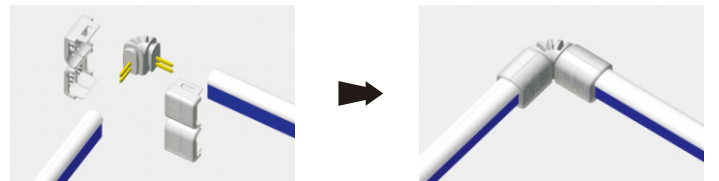
Linear Re-connector

Connects two pieces of light together with the re-connection kits.
IP67 Connectors



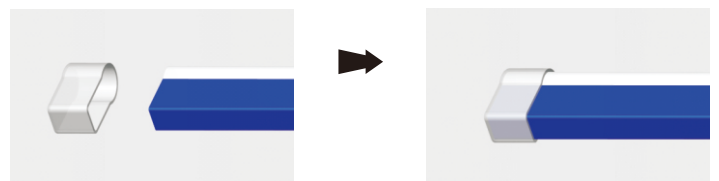
L shape Re-connector

Connects two pieces of light together with a L joint. IP67 Connector



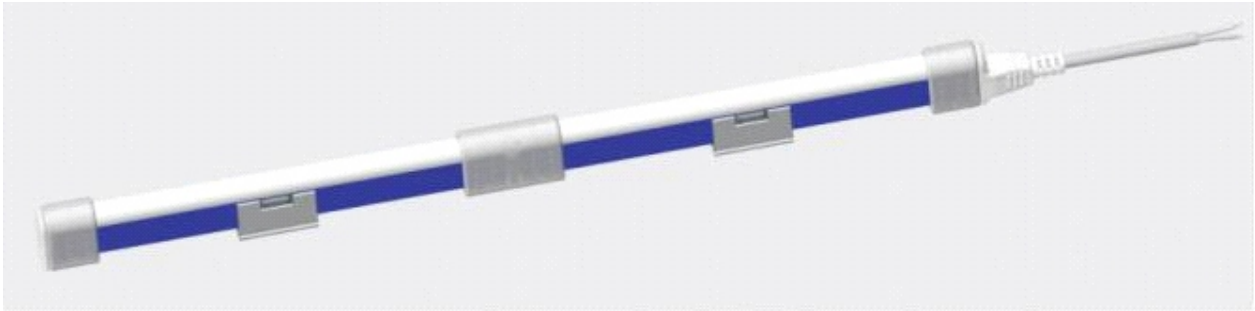
End Cap

Pre-installed termination protection of the light. IP67



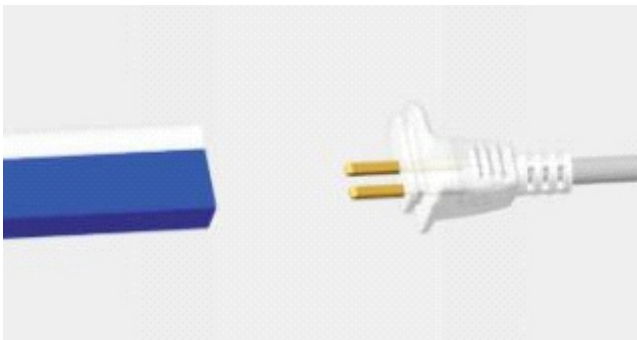
Operation Guide of Connectors

A. Simple Version

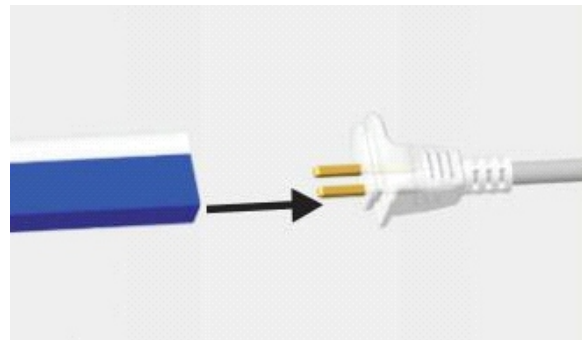


Power Connector installing guide(Step1--step5)

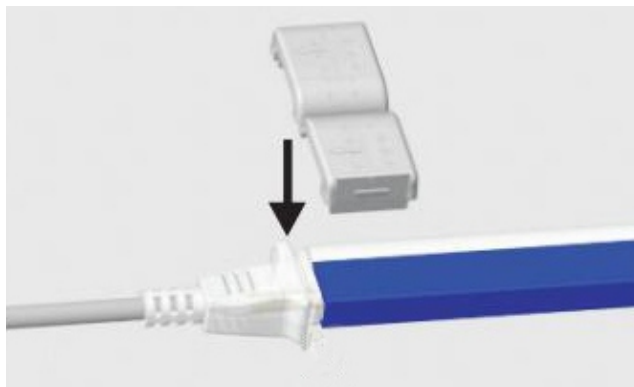
Step 1: Power Connector structure



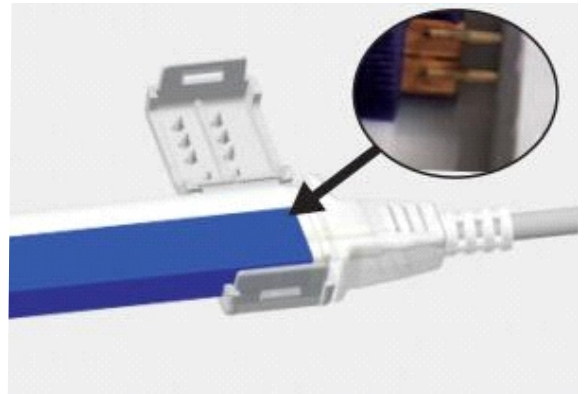
Step 2: Insert the pin (NOTE:Pin should be on the back of PCB)



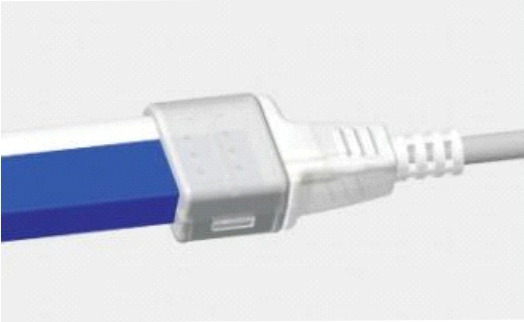
Step 3: Put glue on the joint of strip and the housing connector, then put the strip into the housing



Step 4: Close the housing after glue

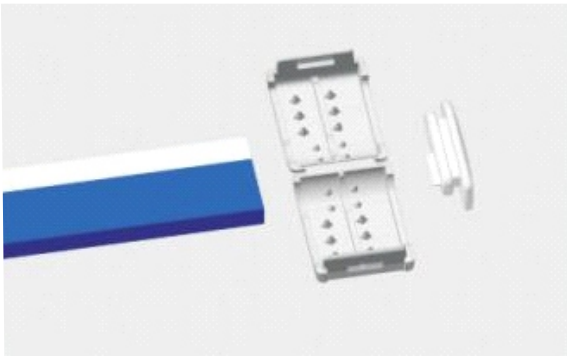


Step 5: Final Power connector picture

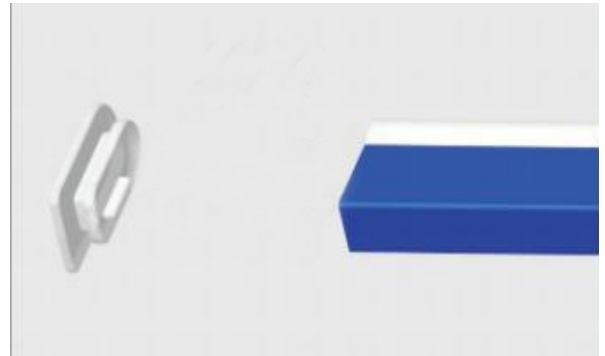


End caps installing guide (Step1--step5)

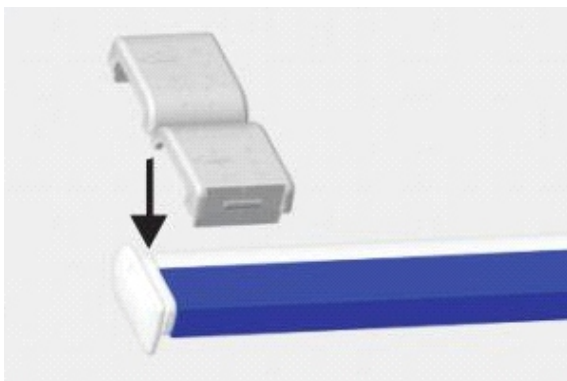
Step 1: End caps structure



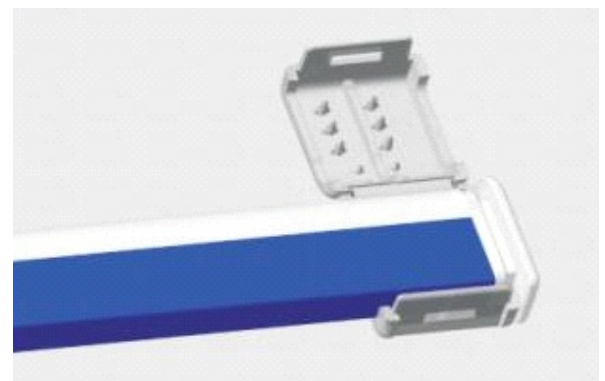
Step 2: Insert the end cap into the strip



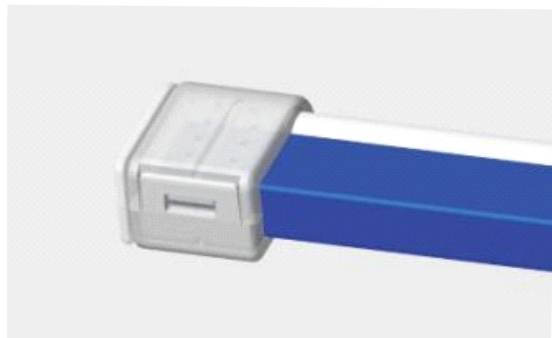
Step 3: Put glue at the joint of strip and the housing



Step 4: Close the housing after glue

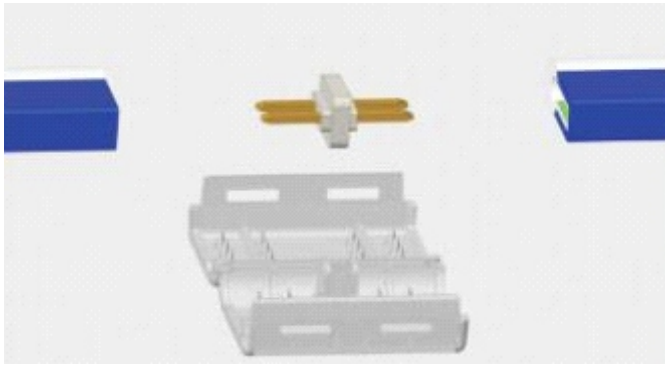


Step 5: Final end cap picture

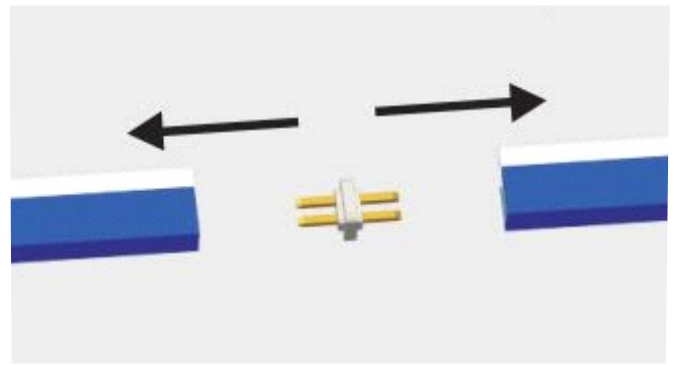


Re-connector installing guide (Step1--step5)

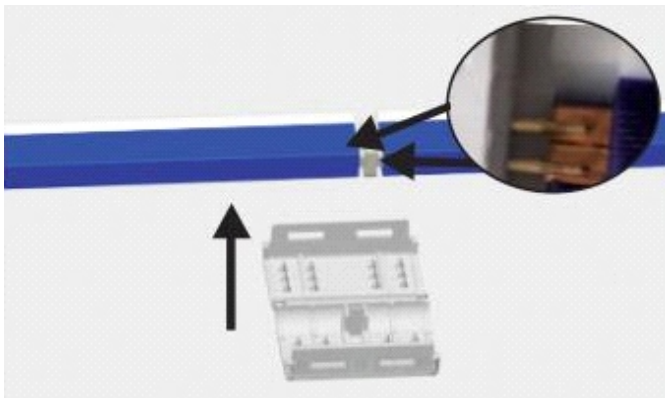
Step 1: Re-connector structure



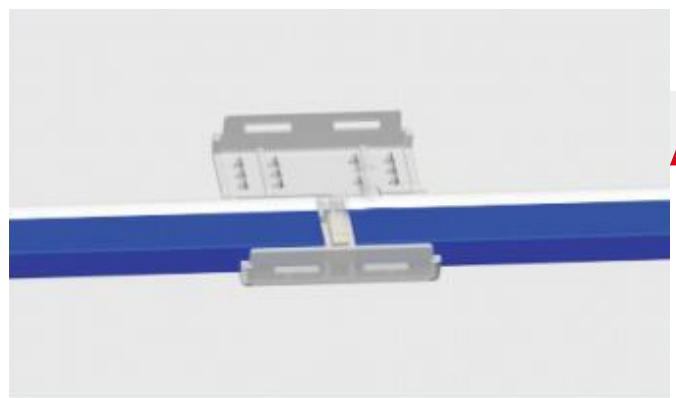
Step 2: Insert the pin into the strip (NOTE: Pin on the back of PCB)



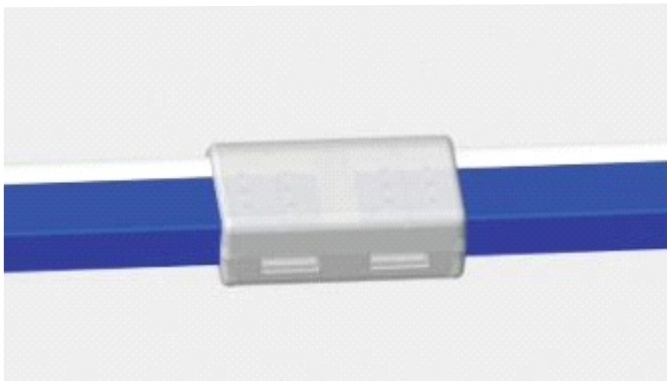
Step 3: Glue at the joint of strip and the housing



step 4: After glue close the housing



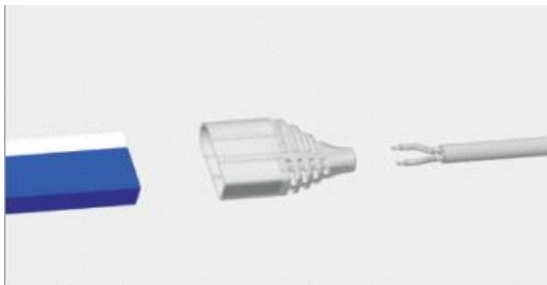
Step 5: Final Re-connection picture



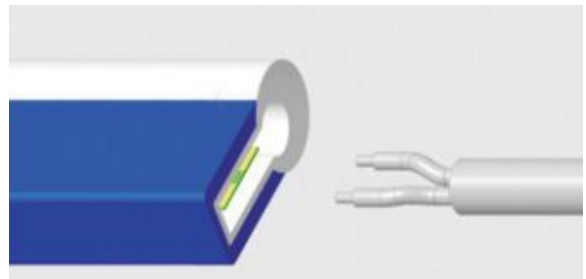
B. Silicone End Fitting Version

Power Connector Version (Step1--Step 4)

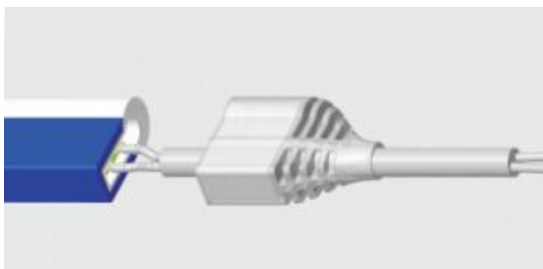
Step 1: Power connector structure



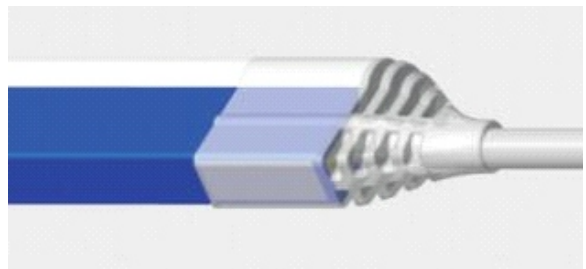
Step 2: Solder the power lead on the back of the PCB



Step 3: Glue the joint of strip and connector housing

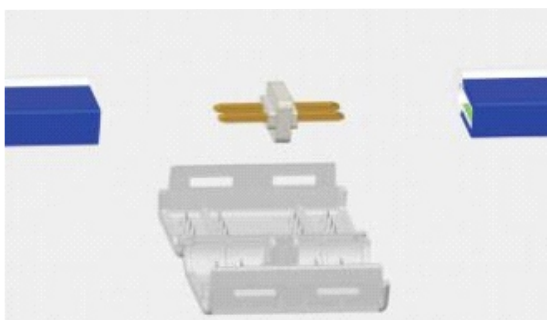


Step 4: Final Power Connector picture

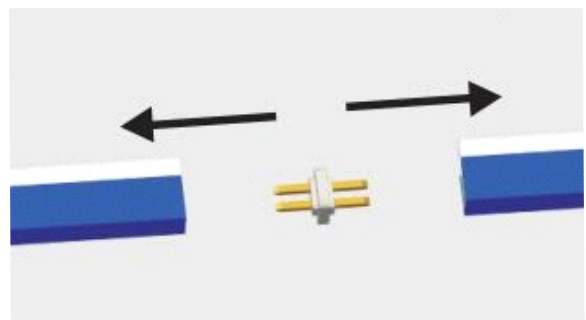


Re-connector installing guide (Step1--step5)

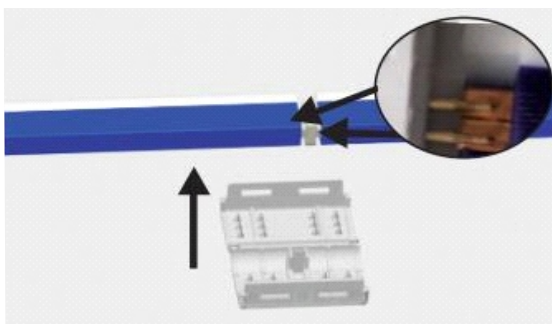
Step 1: Re-connector structure



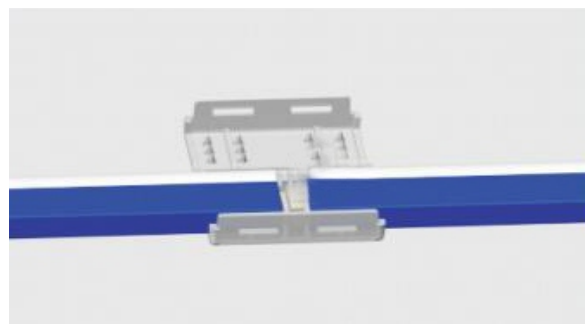
Step 2: Insert the pin into the strip (NOTE: Pin on the back of PCB)



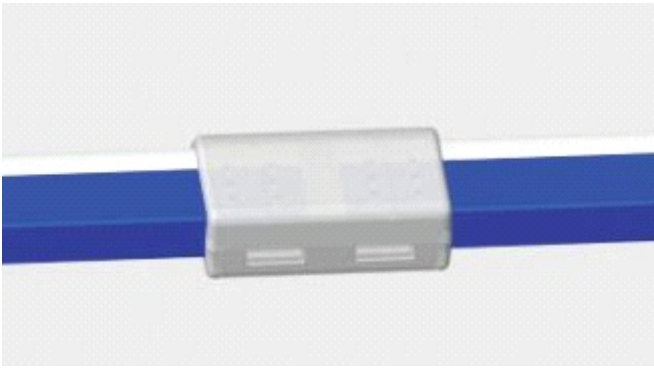
Step 3: Glue at the joint of strip and the housing



step 4: After glue close the housing

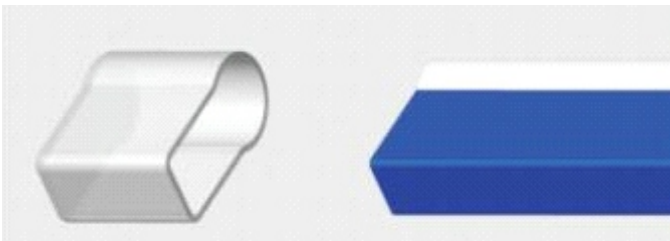


Step 5: Final Re-connection picture



End Cap installing guide (Step 1--Step 3)

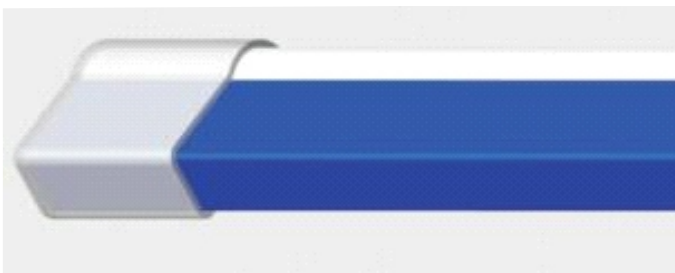
Step 1: End Cap Structure



Step 2: Glue at the end of strip, put the end cap








Step 3: Final End Cap picture

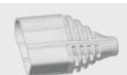








Optional Accessories Chart

A. Simple Version

Picture	Order Code	Description	Qty for Neon Strip Length (15m)	Qty for Neon Strip Length (30m)	Optional / free fittings
	N24-PCI	Power supply connector set	2pcs	4pcs	Free
	N24-ICSF	interconnection connector set-F	1 set	2 sets	Free
	N24-ECS	End cap set	1 set	2 sets	Free
	N24-LCS	interconnection L connector set	2 sets	4 sets	Optional
		Silicone glue(45ml)	/	/	Optional

B. Silicone End Fitting Version

Picture	Order Code	Description	Qty for Neon Strip Length (15m)	Qty for Neon Strip Length (30m)	Optional / free fittings
	N24-PCIS	Power supply connector set	2pcs	4pcs	Free
			2pcs	4pcs	Free
	N24-ICSF	interconnection connector set-F	1 set	2 sets	Free
	N24-LCS	interconnection L connector set	1 set	2 sets	Optional
	N24-EC	Silicoen End cap	2pcs	4pcs	Free
	N24-ACL	Installation aluminum profile, 1m/pc, with 3pcs fixing clips encased in bar	30 sets	60 sets	Optional
		Silicone glue(45ml)	/	/	Optional

Tools Required



Ratcheting Cutter



Electric Screwdriver



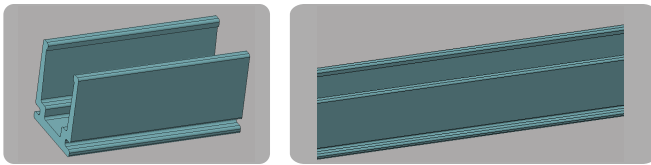
Brush



Portable Silicone glue

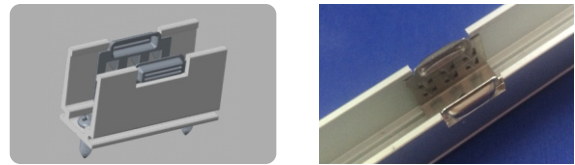
Mounting Channel

Aluminum Mounting Channel



Standard Length	Part Number
35mm /	N24-AS
1000mm / 39.37 inch	N24-AL

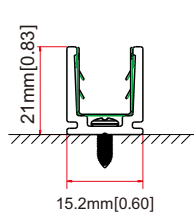
Self-locking Aluminum Mounting Channel



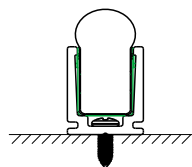
Standard Length	Part Number
35mm /	N24-ACS
1000mm / 39.37 inch	N24-ACL

12

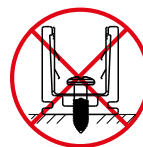
Mounting



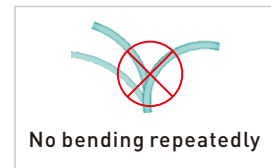
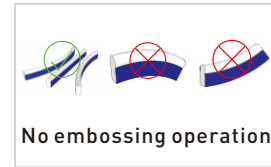
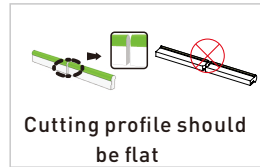
Fixed Channel without Light



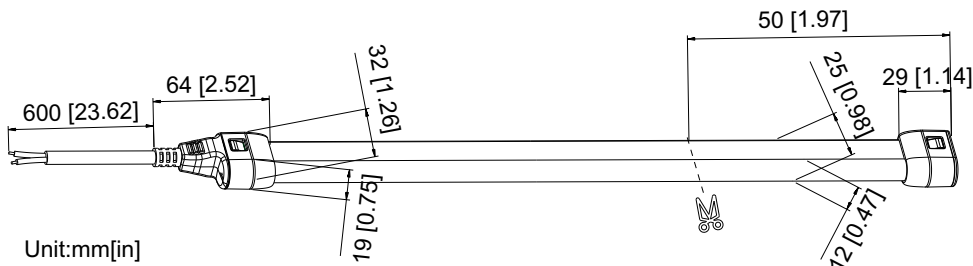
Fixed Channel with Profile Light



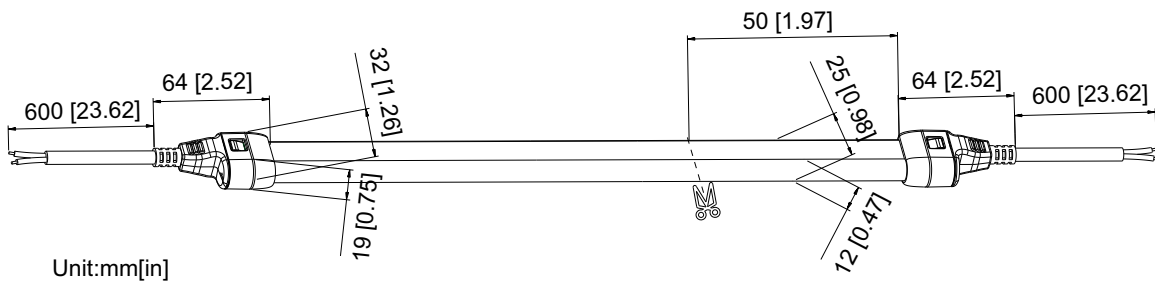
Warning



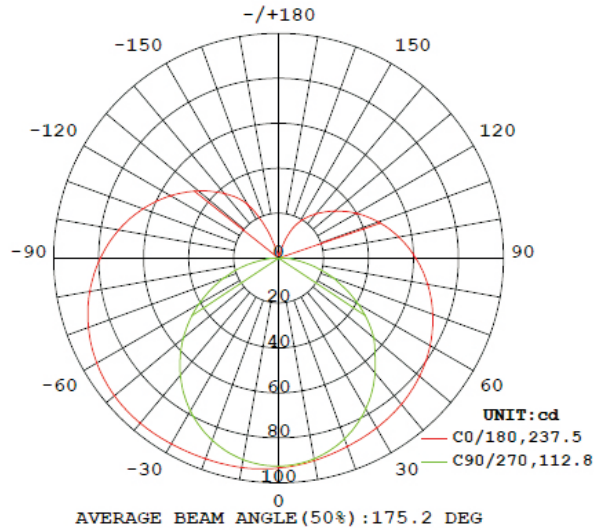
Dimensions one end powered



Dimensions two ends powered



Luminous Intensity Distribution Diagram



Power Supply Configuration Table

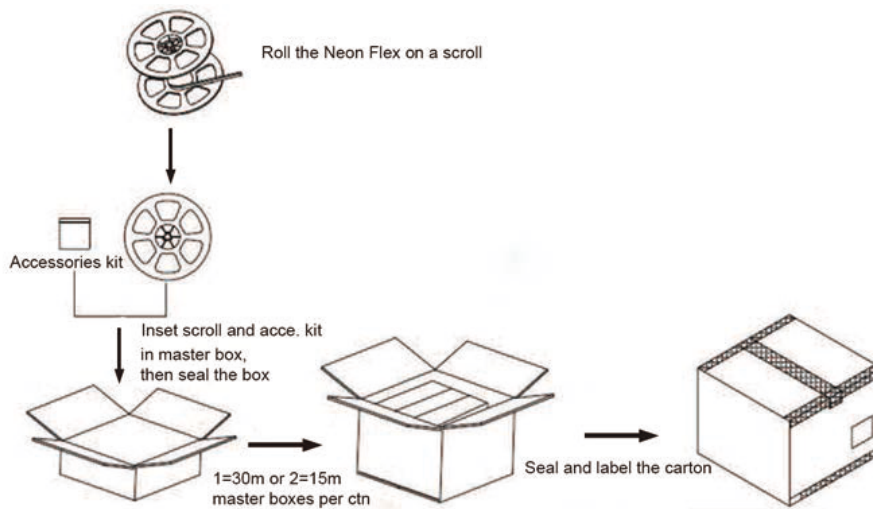
For Silicone End Fitting Version

Product standard length (m)	Rated Current (A)	Rated Voltage (V)	Rated Wattage (W)	Power Supply (W)	Power Feed
1	0.4	24	9.6	12	Single end
5	2	24	48	60	Single end
10	4	24	96	120	Single end
15	6	24	144	180	Single end
20	8	24	192	240	Both ends
25	10	24	240	300	Both ends
30	12	24	288	360	Both ends

Installation Precautions

1. All installation and connection must be conducted by professional electrician.
2. 24VDC Class 2 Power Supply must be used with this light. Make sure to use appropriate PSU.
3. Ensure the overall length of the S type Neonflex does not exceed the maximum run length as 15m-one end powered; 30m-two ends powered
4. Disconnect power before installing or servicing to avoid electrical shock.
5. For wet location installations, seal all possible water entry points and covers using by silicone. Failure to do so may result in product defective.

Packing info



Product Code	Net Weight / CTN	Gloss Weight / CTN	Units / CTN	Carton Size
N2-4 (15m)	8.5 (1±10%)kgs	12.3 (1±10%)kgs	2 rolls	375*370*370mm
N2-4 (30m)	8.5 (1±10%)kgs	12.3 (1±10%)kgs	1 rolls	390*390*325mm