

FLEXIBLE LED LUMIFLEX™ LED SIMULATED NEON



High Intensity Flexible LED Accent Lighting

FEATURES

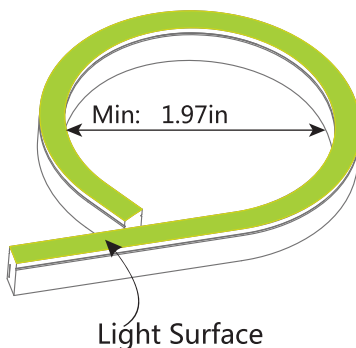
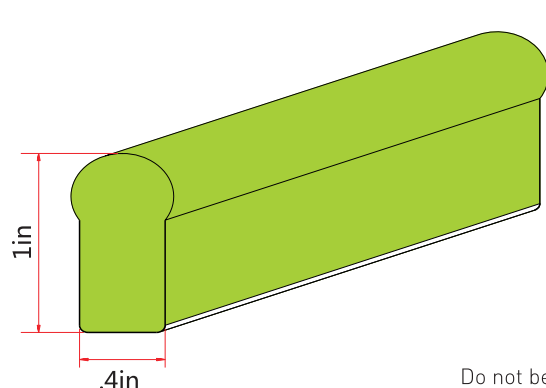
- Dot-free linear neon-like illumination
- Fabricated with Eco-friendly, UV-resistant silicone material
- V-2 flame retardance
- Flexible PCB with SMD LED technology
- 24V DC low voltage, safe and reliable
- Cutting mark by every 1.97in
- cULus Listed, CE RoHS certified
- 5-year manufacture warranty
- Min. bending diameter 1.97in

5-YEAR WARRANTY

DETAILS

Input.....	100-240 VAC
Output	24 VDC
Max. Load Footage	49 ft.
Watts per Foot	3.10
Dimming Capable	Yes
Bending Parameters.....	1.97in.
Limited Warranty Terms	5 Years
Materials.....	Silicone
Dimensions.....	1.00 x 0.40
Certification	cULus E335482, CE

PROFILE AND MINIMUM BEND DIAMETER



Do not bend smaller than allowed minimum bend diameter.

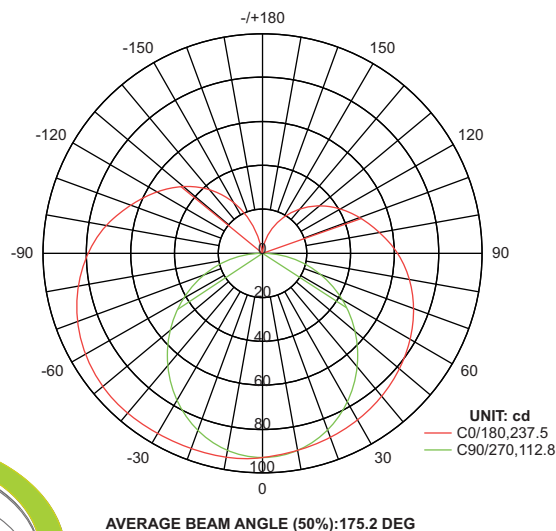
APPLICATIONS

- Signage lighting
- Outdoor/indoor decoration lighting
- Contour application
- Channel Letters

SPECIFICATIONS

Part No./Color	Footage	Wattage per foot	Lumens per foot	Number of LEDs/ft.
600-1006 White 6500K	49	3.10	150	36
600-1056 White 4000K	49	3.10	150	36
600-1005 White 3000K	49	3.10	150	36
600-1000 Red	49	3.10	-	36
600-1004 Orange	49	3.10	-	36
600-1003 Golden Rod	49	3.10	-	36
600-1002 Green	49	3.10	-	36
600-1001 Blue	49	3.10	-	36

*LumiFlex systems based on Mean Well 185W, 24 VDC, LED Driver HLG-185H-24A



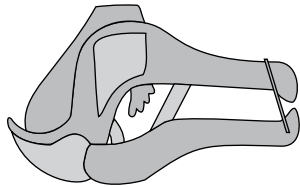
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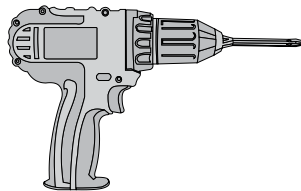
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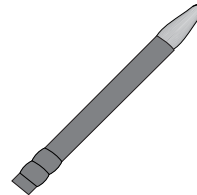
TOOLS REQUIRED



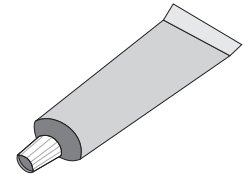
Ratcheting Cutter



Electric Screwdriver



Brush



Portable Silicone glue

OPTIONAL ACCESSORIES CHART

A. Simple Version

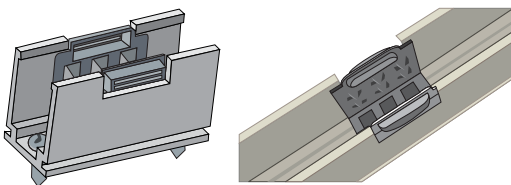
	700-1015	Power supply connector set
	700-1008	Interconnection connector set-F
	700-1009	End Cap set
	700-1011	Interconnection L connector set
	700-1031	Silicone glue (45ml)

B. With Silicone End Fitting Version

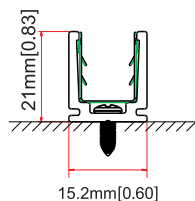
	700-1007	Power supply connector set
	700-1012	Silicone End Cap
	700-1013	Installation aluminum profile, ft/pc, with 3pcs fixing clips encased in bar

MOUNTING CHANNEL

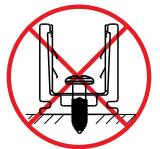
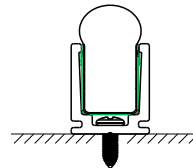
Self-locking Aluminum Mounting Channel



Fixed Channel
without Light



Fixed Channel
with Profile Light



Standard Length

Part Number

1.4 inch

39.37 inch

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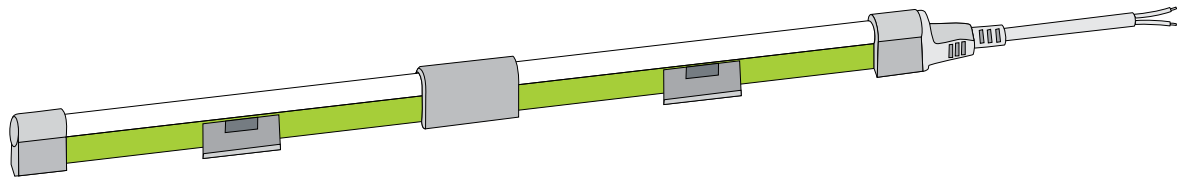


TYPES OF LED FLEX

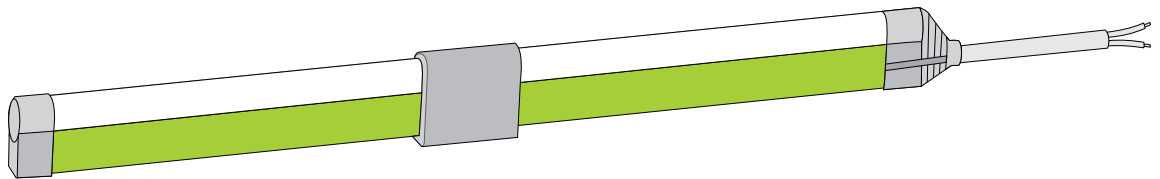
2 Neon light options, only different on the connectors
You may choose any for your project.

N2-4

A. Simple Version



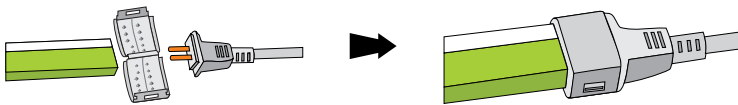
B. With Silicone End Fitting Version



TYPES OF CONNECTORS

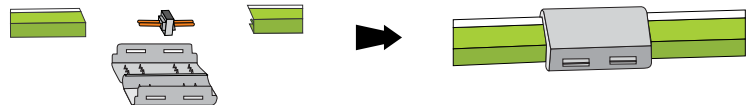
End Exit Cable

Connects light to power supply with pre-installed bottom cable, IP67. Standard 2.4in cable length (For longer lengths please contact us).



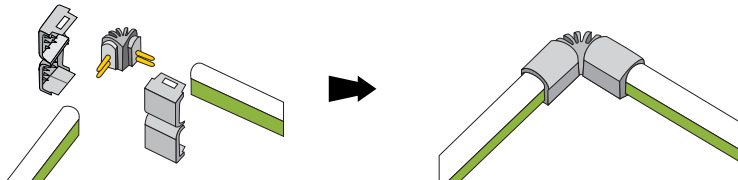
Linear Reconnector

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



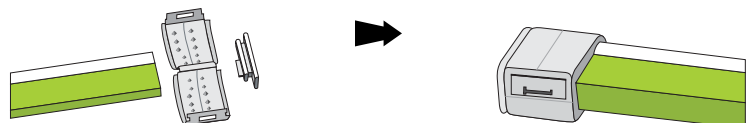
L Shape Reconnector

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



End Cap

Termination protection of the light. IP67



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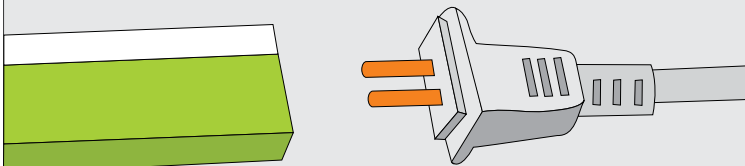
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POWER CONNECTOR INSTALLING GUIDE (STEP 1-STEP 5)

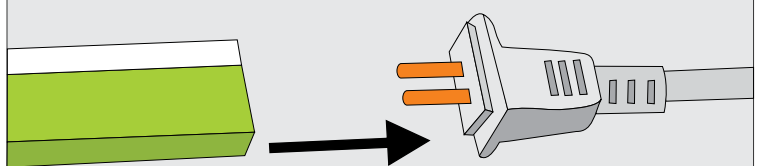
Step 1

Power connector structure



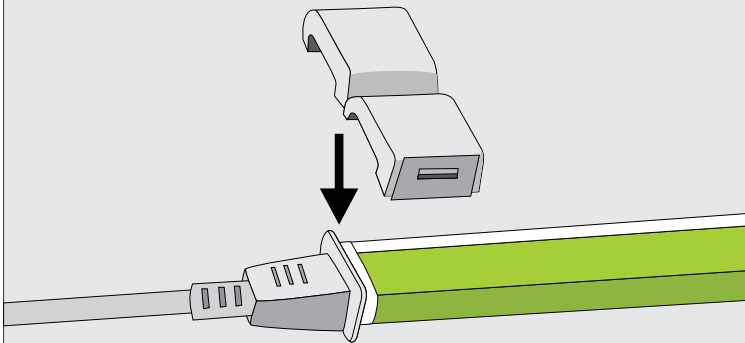
Step 2

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



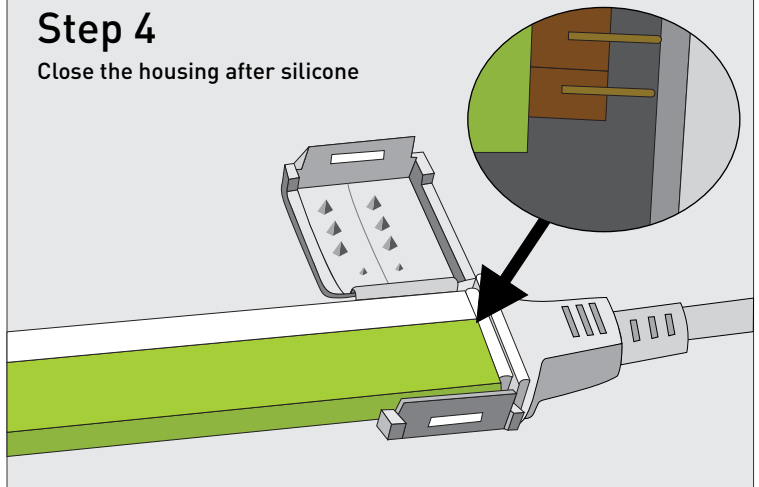
Step 3

Put silicone at the joint of strip and the housing connector, then put the strip into the housing



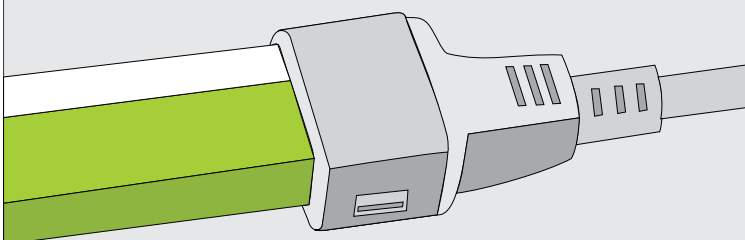
Step 4

Close the housing after silicone



Step 5

Final power connector picture



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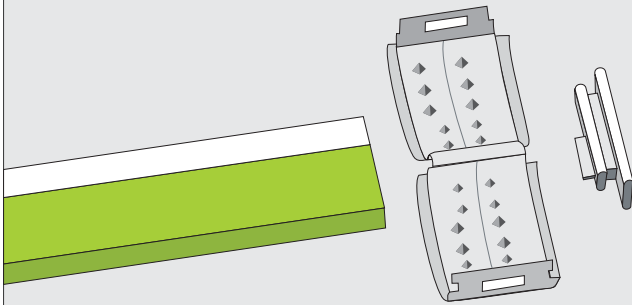
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END CAPS INSTALLING GUIDE (STEP 1-STEP 5)

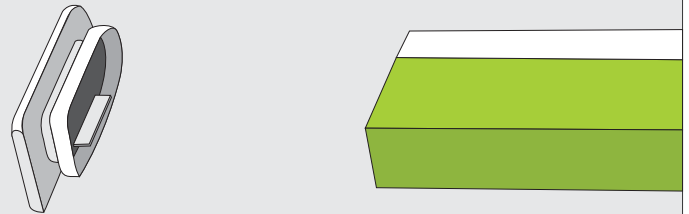
Step 1

End cap structure



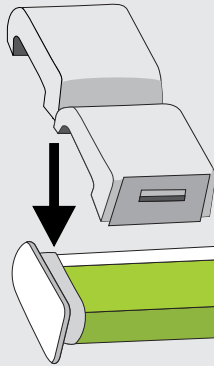
Step 2

Insert the end cap into the strip



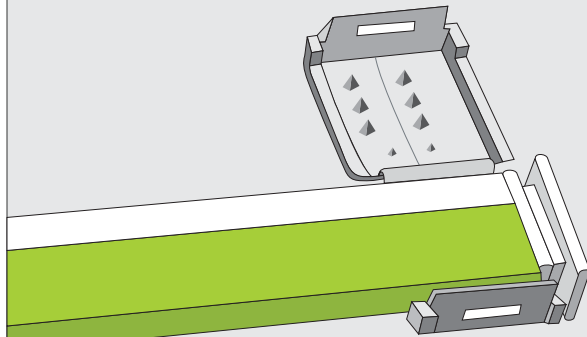
Step 3

Put silicone at the joint of strip and the housing



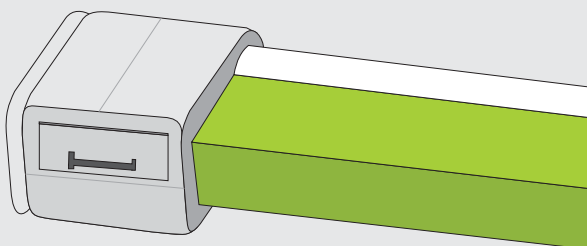
Step 4

Close the housing after silicone



Step 5

Final end cap picture



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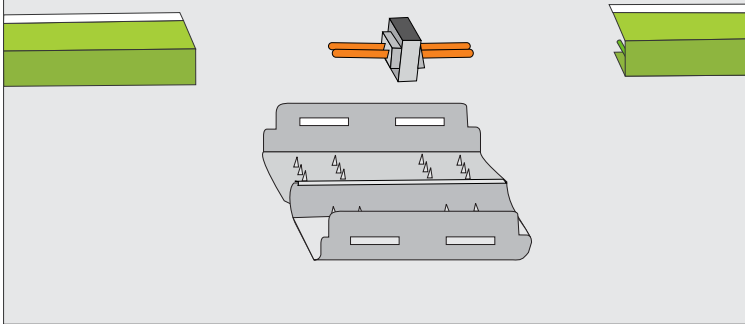
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RE-CONNECTOR INSTALLING GUIDE (STEP 1-STEP 5)

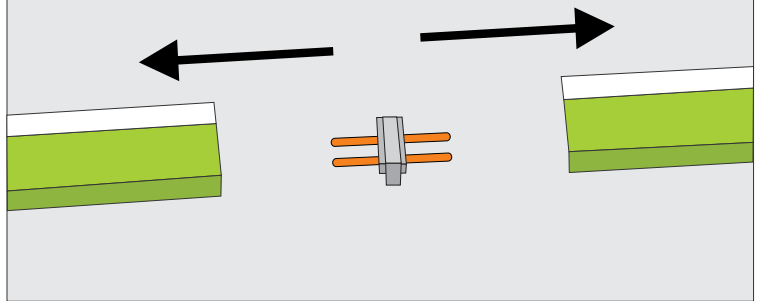
Step 1

Re-connector structure



Step 2

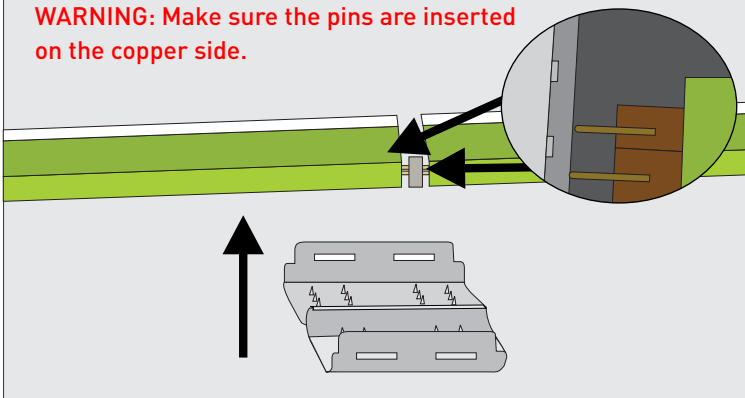
Insert the pin into the strip (NOTE: Pin on the back of PCB)



Step 3

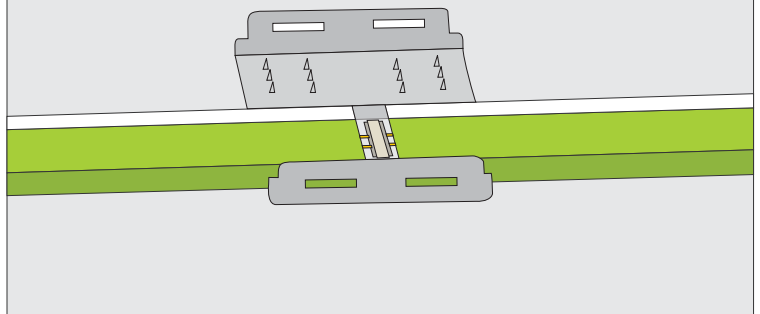
Put silicone at the joint of strip and the housing

WARNING: Make sure the pins are inserted on the copper side.



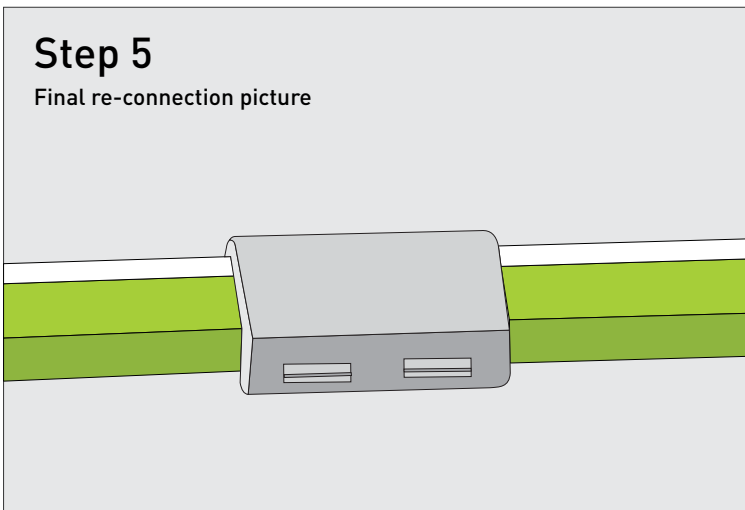
Step 4

After silicone, close the housing



Step 5

Final re-connection picture



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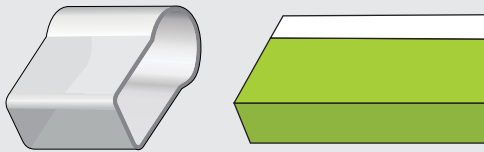
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END CAP INSTALLING GUIDE (STEP 1-STEP 3)

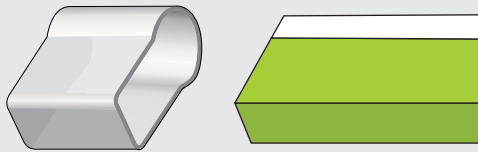
Step 1

End Cap structure



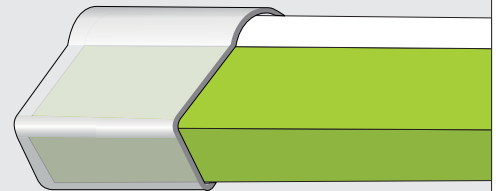
Step 2

Apply Silicone at the end of strip, put on the end cap.

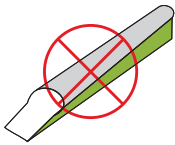


Step 3

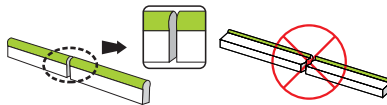
Final End Cap Picture



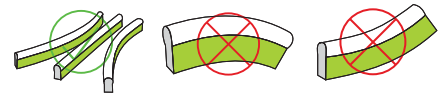
WARNING



No Twisted operation



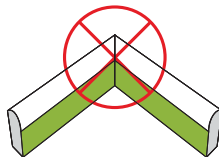
Cutting profile should be flat



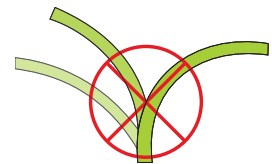
No flexing horizontally



Cutting mark



No 90° bending



No bending repeatedly

NOTE: Scissor marks are just a guide. LEDs under silicone can vary PAST the scissor marks. Add approximately 0.5" of extra material to overall length. (example: 20' section would be 20.5" to allow room for error)



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