NEON | ROUND | Static White

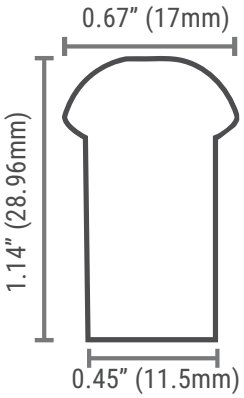
NOVA FLEX



This is a spec-grade indoor/outdoor flexible silicone static white neon that showcases a modern, energy-efficient way to achieve a classic, attention-grabbing neon look. Round top, side-bend with exceptional, custom-injection molded finishing. Available in six CCT's. Salt and UV resistant (anti-yellowing).

Physical

IP Rating	IP67 and IP68
Ambient Temp	-40° to 131°F (-40° to 55°C)
Mounting Options	Channels | Clips
Cut Length	3.28" (83.3mm) *(this info is for reference only; product is not to be modified in the field)*
Min. Bend Diameter (side bend)	4.72" (119.9mm)
Dimensions	*See Below*



Quality, Reliability, Safety

Warranty	7 years
CRI	80
Lumen Maintenance (TM-21 L70 projections based on light source LM80 data)	72,000 hrs
Certifications	cULus listed IK10 Protection

Electrical

Voltage	24V
Power	3.7 W/ft
Max Run Length (adjusted for cut length)	25.69' (7.83M) *we recommend reducing max run to 7M / 22.97' if used for outdoor facades*
Wire Qty	2 wires
Lead Wire Options	1M or 3M
Jumper	11.81" (300mm)

Quick Links | For more information

Product page contains photometric files, installation guide, power and controls compatibility.

Note: We can run specific configurations of light & channel in our gonio, with a 5-day lead time. Please consult with your Nova Flex Sales rep.

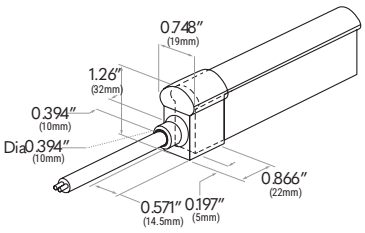
NEON | ROUND | Static White

NOVA FLEX

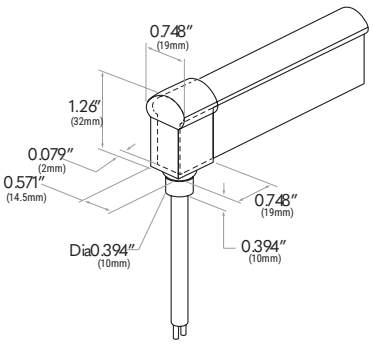
Product SKUs	Lead time	CCT	Output Lm/Ft	Efficacy Lm/W
NF-NR-IP67-24V-22K-80	Quick ship	2200K	116	32
NF-NR-IP68-24V-22K-80-AIM	4-6 weeks	2200K	116	39
NF-NR-IP67-24V-27K-80	Quick ship	2700K	143	39
NF-NR-IP68-24V-27K-80-AIM	4-6 weeks	2700K	143	39
NF-NR-IP67-24V-30K-80	Quick ship	3000K	143	39
NF-NR-IP68-24V-30K-80-AIM	4-6 weeks	3000K	143	39
NF-NR-IP67-24V-35K-80	Quick ship	3500K	143	39
NF-NR-IP68-24V-35K-80-AIM	4-6 weeks	3500K	143	39
NF-NR-IP67-24V-40K-80	Quick ship	4000K	143	39
NF-NR-IP68-24V-40K-80-AIM	4-6 weeks	4000K	143	39
NF-NR-IP67-24V-57K-80	4-6 weeks	5700K	143	39
NF-NR-IP68-24V-57K-80-AIM	4-6 weeks	5700K	143	39
			Actual values can vary +/- 10%.	

IP67 Injection Molded Front Connectors And End Cap

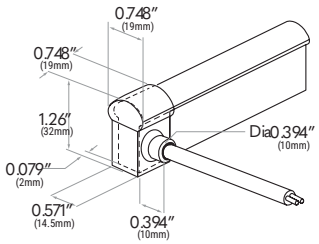
End Feed



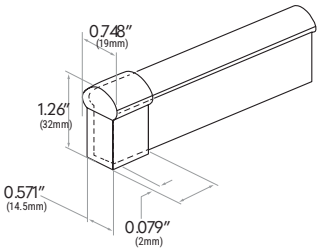
Bottom FeedS



ide Feed

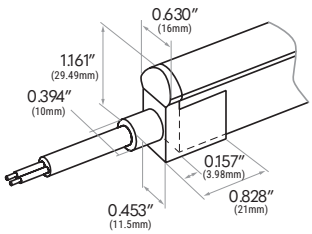


End Cap

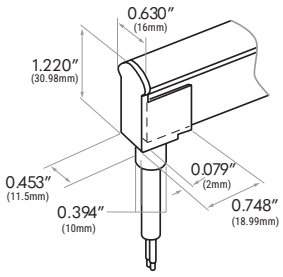


IP68 Injection Molded Front Connectors And End Cap

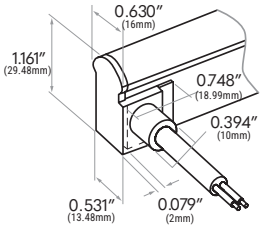
End Feed



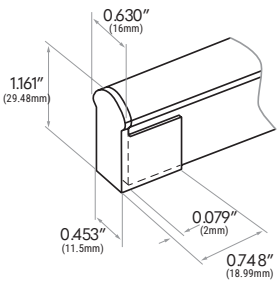
Bottom Feed



Side Feed



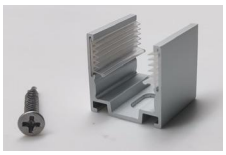
End Cap



Tolerance +/- 0.02 inches/.51mm

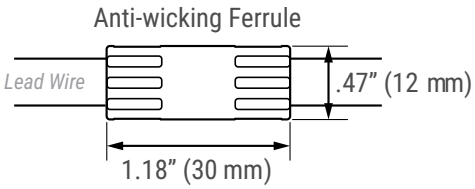
Note: We can run specific configurations of light & channel in our gonio, with a 5-day lead time. Please consult with your Nova Flex Sales rep.

Mounting Options

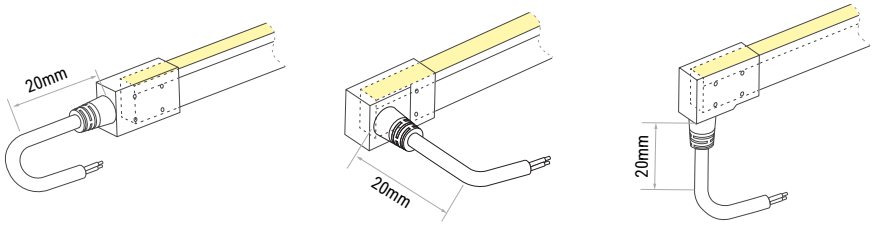
	SKU	Dimensions	Mounting
	NF-CH-NEON-ROUND-SR-2M-SL	width: 0.63” (15.9mm) height: 0.976” (24.8mm) length: 6.56’ (2M)	**Straight (Rigid) Aluminum Channel** Includes pre-drilled holes and mounting screws. Use anchors if needed. • See Installation Notes, next page
	NF-CH-NEON-ROUND-SR-CLIP	width: 0.63” (15.9mm) height: 0.976” (24.8mm) length: 0.79” (20.1mm)	**Clip** **For curves/shapes** • Place one clip near each end, then approximately every 6” (152.4mm). More clips may be needed to accomplish your desired shape / curve. **For straights** • Place one clip near each end, then approximately every 8” (203.2mm). • Includes pre-drilled hole and screw. Use anchor if needed.
	NF-CH-NEON-NR/M2N-SPACER		**Spacers (for use with rigid aluminum channel)** ***Required for use outdoors*** • Keeps .197”/5mm gap between channels to manage expansion/expansion, especially on facades • Ensures vertical and horizontal alignment between channels to prevent damage to the fixture, and to make the install process easier ***Strongly recommended for use indoors*** • Ensures vertical and horizontal alignment between channels to prevent damage to the fixture, and to make the install process easier
	CH-NEON-BRKT-ROT	width: 1.77” (45mm) height: 1.57” (40mm) length: .98” (25mm)	**Rotary Locking Bracket (for use with rigid aluminum channel)** • Includes screw(s) for mounting channel to bracket, and bracket to mounting surface. Use anchors if needed.
	NF-CH-NEON-NR/ M2N-BEND-SL-1M	width: .63” (15.9mm) height: .98” (24.8mm) length: 3.28’ (1M)	**Bendable Aluminum Channel** • Includes pre-drilled holes and mounting screws. Use anchors if needed. • Minimum bend diameter with toothed side inwards: 7.87” (200mm) • Minimum bend diameter with toothed side outward: 4.72” (120mm) • 4-6 week lead time • See Installation Notes, next page
	NF-CH-NEON-NR/ M2N-FLNG-SR-2M-SL	width upper (flange): 1” (25.5mm) width lower (bottom): .63” (15.9mm) height: .98” (24.8mm) length: 6.56’ (2M)	**Straight (Rigid) Aluminum Channel w/Flange** Includes pre-drilled holes and mounting screws. Use anchors if needed. • 4-6 week lead time • See Installation Notes, next page

Note: We can run specific configurations of light & channel in our gonio, with a 5-day lead time. Please consult with your Nova Flex Sales rep.

Installation Notes



Please note, this helps prevent water ingress into the fixture—do NOT cut off.



Please leave a .79" (20mm) straight on the lead wire before bending. Extreme tension on the lead-wire can cause breakage at the solder points.

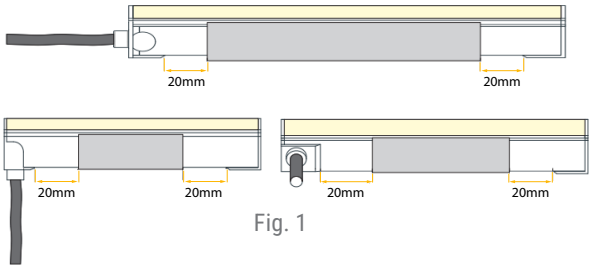


Fig. 1

For indoor installations:

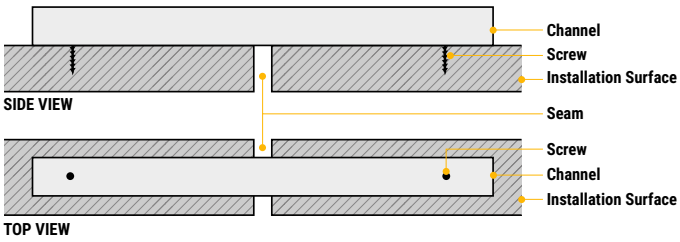
- The molded endcaps on each end of the IP67 neon should rest outside the channel
- For IP68:
  - Bottom-feed: for the lead-wire end, the bottom/edge of the channel can be notched on the end with the lead-wire (with drill bit), to allow clearance for the lead wire; in this case, the fixture can run to the end of the channel. If the channel isn't notched, please leave a .79" (20mm) gap from the inside edge of the lead wire to the edge of the channel, to allow proper clearance for the lead wire. The endcap end can rest inside the channel.
  - End-feed: the molded endcaps on each end can rest inside the channel
  - Left or right feed: please leave a .79" (20mm) gap from the inside edge of the lead wire to the edge of the channel, to allow proper clearance for the lead wire. The endcap end can rest inside the channel.

For outdoor installations:

- The molded endcaps on each end of the IP67 and IP68 neons should rest outside the channel (see Fig. 1). Please leave a .79" (20mm) gap between the outside edge of the channel and the inside edge of the endcap, to allow for expansion and contraction.
- Additionally, please leave a .197" (5mm) gap between channels to allow for expansion and contraction, and ensure the channels are aligned vertically and horizontally. Nova spacer bracket part# NF-CH-NEON-NR/M2N-SPACER must be used to accomplish this.
- When mounting on outdoor façades, across joints/seams on the façade, use one of the following two methods:

Seam-mounting method 1

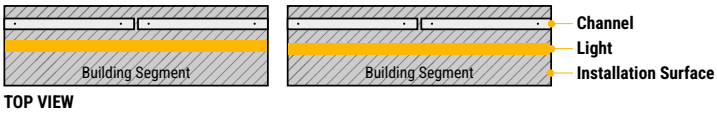
Ensure the mounting channel extends across the seam to protect the light.



Secure screws on both sides of the seams for added reliability

Seam-mounting method 2

Match the light length to each segment.



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