NEON | Dual-Bend | DRGB

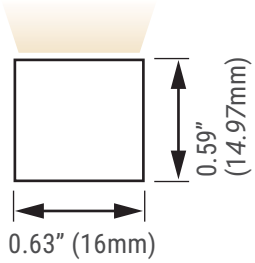
NOVA FLEX



- Spec-grade, flexible, dual-bend silicone neon enables great lighting design flexibility!
- Beautiful digital RGB color output!
- UV resistant
- IP67 rating enables wide range of indoor and outdoor uses
- 5yr warranty
- cULus listed

Physical

IP Rating	IP67
Mounting Options	Channels | Clips
Ambient Temp	-13°F to 113°F (-25°C to 45°C)
Cut Length	3.94" (100mm) (this info is for reference only; product is not to be modified in the field)
Min. Bend Diameter	7.86" (199.6mm) (same minimum, whether bending side or top)
Dimensions	*See Below*



Quality, Reliability, Safety

Warranty	5 years
Lumen Maintenance (TM-21 L70 projections based on light source LM80 data)	N/A
Certifications	cULus listed; IK10 protection

Electrical

Voltage	24V
Power	4.3W/ft
Max Run (adjusted for cut length)	16.4' (5M)
Wire Quantity	3 wires
Lead Wire Options	11.8" (300mm) or 3.28' (1M)

PLEASE NOTE: To avoid signal errors, the max acceptable distance from the decoder to the tape/fixture is 16.4' (5M). Only use DRGB-specific controls; Control Method: SPI, no clock. Chip Set: UCS 2903.

Quick Links | For more information

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

Please note, we can run specific configurations of light and channel in our gonio, with a five day lead-time. Please consult with your Nova Flex Sales rep.

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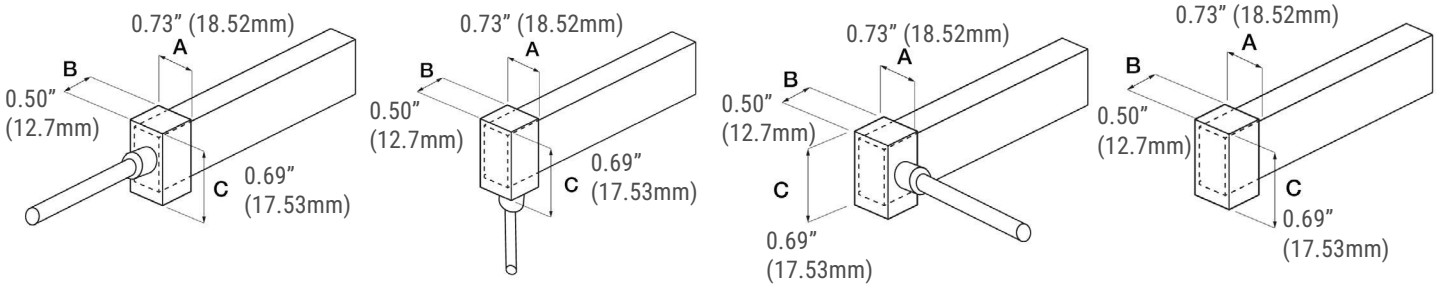
NOVA FLEX

Product Overview: SKU, Lead Times & Performance Metrics

SKU	Lead Time	Red Lm/Ft	Green Lm/Ft	Blue Lm/Ft
NF-NEON-IP67-DUAL-24V-DRGB	5-7 weeks *(164' MOQ)*	21	69	11

Actual values can vary +/- 10%.

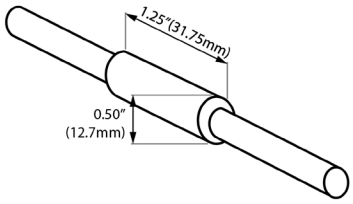
IP67 Front Connectors and End Cap



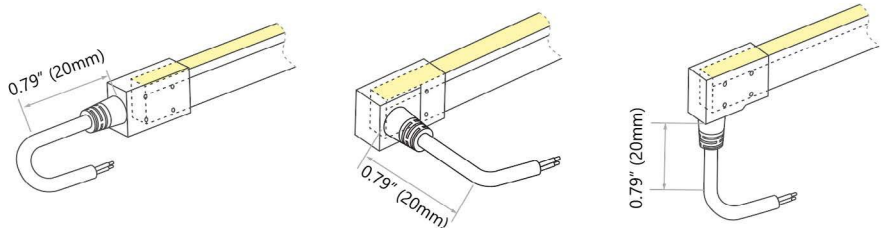
Compatible Channels

	SKU	Dimensions	Mounting
	NF-CH-NEON-DUAL-1M	width: 0.81" (20.6mm) height: 0.68" (12.3mm) length: 3.28' (1M)	**Straight (Rigid) Aluminum Channel** • Can be used for straight runs on walls or ceilings • Includes pre-drilled holes and mounting screws • Drill hole and use one screw every 18"(0.46M), starting 1-2" (25.4-50.8mm) from each end. Use anchors if needed. • *See Installation Notes, next page*
	NF-CH-NEON-DUAL-BN-1M	width: 0.662" (16.8mm) height: 0.6602" (16.8mm) length: 1.64' (0.5M) and 3.28' (1M)	**Bendable Channel** • Can be used for curves/shapes on walls • Not for use with ceiling installs • We recommend using one screw every 3"(76.2mm) (more may be needed for curves/shapes; use anchors if needed) • Take care not to exceed the minimum bend diameter of 7.86" (199.6mm) • 5-7 week lead-time • *See Installation Notes, next page*
	NF-CH-NEON-DUAL-CLIPS	width: 1.05" (26.6mm) height: 1.04" (26.5mm) length: .79" (20mm)	**Clips** • 1 screw per clip; 3 clips and 3 screws per pack • Can be used for straights or curves/shapes on walls and ceiling • For curves/shapes: recommended to place 1 clip near each end, then approximately every 6" (152.4mm) • For straights: recommended to place 1 clip near each end, then approximately every 8" (203.2mm) • Use anchors if needed

Installation Notes



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



Please leave a 0.79" (20mm) straight on the lead wire before bending. Extreme tension on the lead-wire can cause breakage at the solder points.

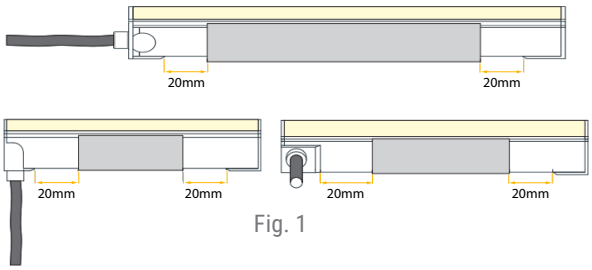


Fig. 1

For indoor installations:

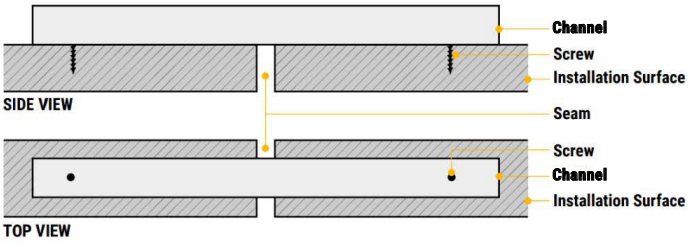
- The molded endcaps on each end of the neon should rest outside the channel

For outdoor installations:

- The molded endcaps on each end of the neon should rest outside the channel (see Fig. 1). Please leave a 0.79" (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 0.197" (5mm) gap between channels to allow for expansion and contraction, and ensure the channels are aligned vertically and horizontally. When mounting on outdoor facades, 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 segments.

