



- Dim to warm enables very smooth temperature transition, synchronized with dimming, to create a soft and cozy vibe
- Spec-grade flexible silicone neon with a 5 year warranty
- CRI80+
- In-house custom injection molding produces exceptional finishing of IP67 neon with a SHORT, 5-10 day lead-time
 - IP68 available via special order
- Direct dimming with PWM output type driver, simple and convenient wiring
- Output range 152 - 183 Lm/ft @ 3000K
- Available in side and top bends
- UV and salt resistant; IK08 protection

PERFORMANCE

SKU	BEND	CCT	L/ft (@3000K)	EFFICACY (L/w)	LED/M
NF-NEON-W-SQS-24V-DTW	SIDE	3000K > 1800K	152	15	192
NF-NEON-W-SQS-VB-24V-DTW	TOP	3000K > 1800K	183	13	192

CCT and output can vary +/- 10%

ELECTRICAL

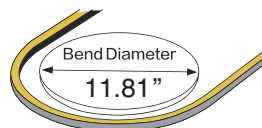
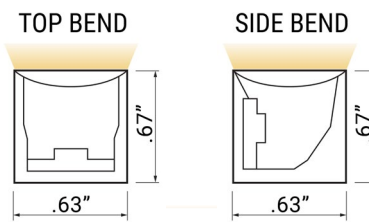
Power	3.7 w/ft
Voltage	24 VDC
Wire Size	18 AWG, 2-wires
Lead	1M, 3M
Jumper	11.8"
Control	PWM dimming

QUALITY ASSURANCE

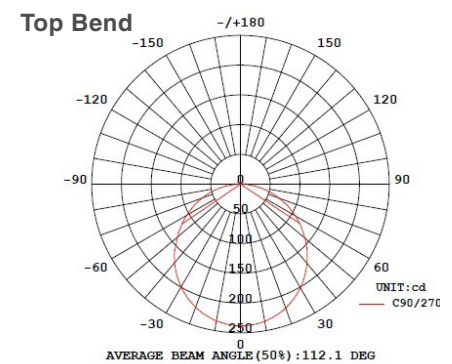
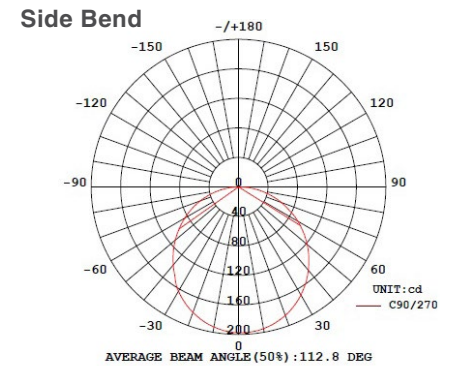
CCT Binning	3-step MacAdam
Warranty	5 Years
Lumen Maintenance	50,000 hrs
Certifications	cULus Listed RoHS Compliant

PHYSICAL

Ambient Temp	-40° to 121°F
Max Surface Mount Temp	185F
Environment	up to IP68
Mounting	Clips or Channel
Cut Length	2.46"
Min. Bend Diameter	11.81"
Max Run	25.83'
Dimensions	width 0.63" height 0.67"



LIGHT DIST (3000K)



CRI/R9 at 3000K >90 / 57

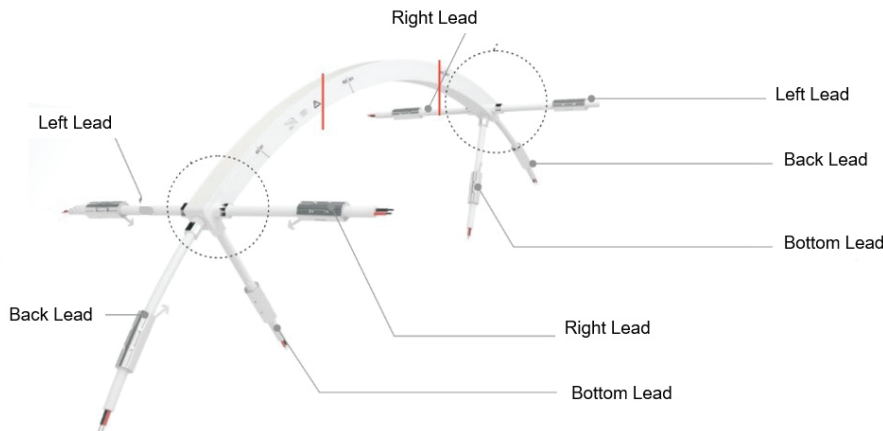
Rf/Rg at 3000K 91 / 99

Beam Angle



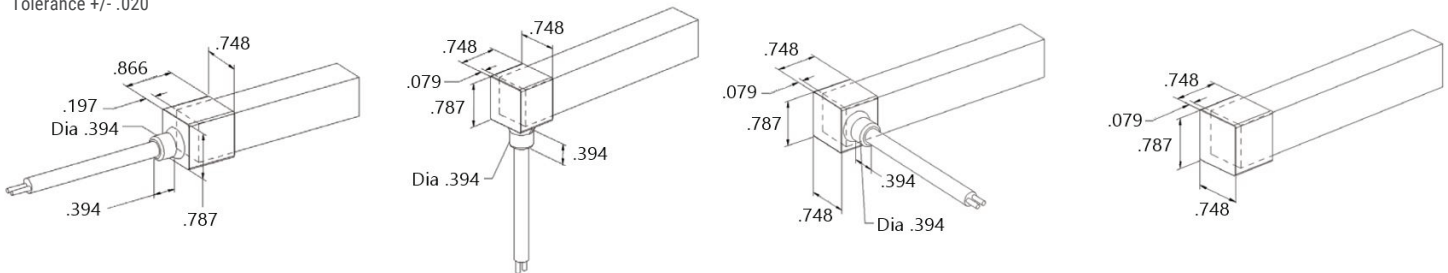
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Lead Wire Orientation



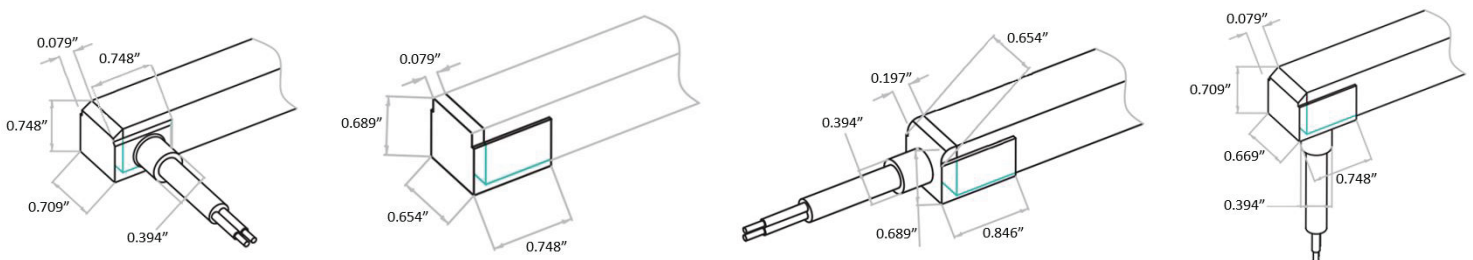
Nova in-house Injection Mold IP67 front connectors and end cap:

Tolerance +/- .020

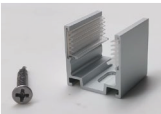
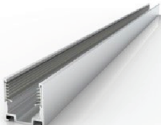


Special order IP68 Injection Mold front connectors and end cap with a further refined finish:





Tolerance +/- .020











Mounting

SKU	Dimensions	Mounting
 <p>NF-CH-NEON-SQS-CLIP Silver Aluminum Clip</p>	<p>width: 0.80" height: 0.82" length: 0.79"</p>	<p>This clip mounts behind the neon, with one screw (included). Always use one clip near to each end of the run (leave a .5" gap from the edge of the clip to the edge of the molded end cap). We generally recommend 7-10 clips per 3.3 feet:</p> <ul style="list-style-type: none"> • For ceiling installs, we recommend 10 clips. • For wall installs, straight runs, 7-clips; for curves/shapes, wall or ceiling, use the number of clips needed to accomplish the desired shape.
 <p>NF-CH-NEON-SQS-SR-2M Silver Rigid Aluminum Profile</p>	<p>width: 0.80" height: 0.82" length: 2.0 meters</p>	<p>Each 2M/6.56' section of profile has ten pre-drilled holes, and includes ten screws. The molded caps used on each end for Nova in-house customization will rest outside the profile (see above for endcap dimensions). Leave a .5" gap from the edge of the channel to the edge of each molded end cap.</p>

	Product Image	Product Code	Wattage	Current/Voltage	Safety
Universal Dim / Non-Dim		NF-PS-UNV-30W-24V Dim 0-10V, MLV, ELV TRIAC View spec sheet for all options	30W	Output Current: 1.25A Input Voltage: 100-277 VAC	UL8750 Class 2 Type HL FCC
		NF-PS-UNV-60W-24V Dim 0-10V, MLV, ELV TRIAC View spec sheet for all options	60W	Output Current: 2.5A Input Voltage: 100-277 VAC	UL8750 Class 2 Type HL FCC
		NF-PS-UNV-80W-24V Dim 0-10V, MLV, ELV TRIAC View spec sheet for all options	80W	Output Current: 3.33A Input Voltage: 100-277 VAC	UL8750 Class 2 Type HL FCC
		NF-PS-UNV-96W-24V Dim 0-10V, MLV, ELV TRIAC View spec sheet for all options	96W	Output Current: 4A Input Voltage: 100-277 VAC	UL8750 Class 2 Type HL FCC
		NF-PS-UNV-288W-24V Dim 0-10V, MLV, ELV TRIAC View spec sheet for all options	288W	Output Current: 3x4A Input Voltage: 100-277 VAC	UL8750 Class 2 Type HL FCC
		NF-PS-UNV-384W-24V Dim 0-10V, MLV, ELV TRIAC View spec sheet for all options	384W	Output Current: 4x4A Input Voltage: 100-277 VAC	UL8750 Class 2 Type HL FCC
0 - 10V Dim Only		NF-PS-MAXX-30W-24V-0/10V	30W	Output Current: 1.25A Input Voltage: 100-277 VAC	UL8750 Class 2 Type HL FCC
		NF-PS-MAXX-288W-24V-0/10V	288W	Output Current: 20A Input Voltage: 100-277 VAC	UL 7850 UL1310
Lutron		NF-PS-L3DA-40W-24V-KL Lutron Hi-Lume 1% EcoSystem/3-Wire 24V	40W	Output Current: 3.3A Input Voltage: 120-277 VAC	UL8750 Class 2 Type TL

	Product Image	Product Code	Details
S3i Series		S3i Glass Touch-Panel NF-S3i-TP-D	Required to Pair: S3i-WR-1009 Zones: 4 Power Consumption: 200ma Dimming Function: 0 - 100%
		S3i Hand-Held Remote NF-S3i-WC-D	Required to Pair: S3i-WR-1009 Zones: 6 Dimming Function: 0 - 100% Battery Operated: 3 AAA
		S3i Push Button Wall Mount NF-S3i-PB-D	Required to Pair: S3i-WR-1009 Zones: 1 Dimming Function: 0 - 100% Battery Operated: 3V (CR2025)
		S3i Wireless Receiver All controls above require this product NF-S3i-WR-1009	Output Power: 240 - 720w Output Current: 4 CH. 5A/CH Input: 12 - 36V DC Dimming: 0 - 100% Can pair with NF-A-UNV
Other		DMX Decoder NF/SP-DMX-5A-4CH	Input Voltage: 12 - 24V DC Max Output Power: 480W Max Load Current: 20A (5A/4CH) Short Circuit / Over Load Recover Auto Control Method: DMX512 RJ45
Amplifier		Universal Amplifier NF-A-UNV	Input Voltage: 12 - 36V DC Input Signal: PWM Max Load Current: 20A (5A/4CH) Max Output Power: 240 - 720W

Product Image	Product Code	Dimensions
	Hardwire to Female Quick Connect Adapter NF-C-F	Available Lengths: 6in, 1ft, 2ft, 3ft, 4ft, 5ft, 6ft, & 10ft
	Hardwire to Male Quick Connect Adapter NF-C-M	Available Lengths: 6in, 1ft, 2ft, 3ft, 4ft, 5ft, 6ft, 8ft & 10ft
	Male to Female Quick Connect Adapter NF-C-MF	Available Lengths: 3ft, 6ft & 10ft
	Y Cable 2 Male, 1 Female NF-C-Y	Total Length: 20.00 in
	Y Cable 4 Male, 1 Female NF-C-Y-4Y	Total Length: 20.00 in
	Y Cable 8 Male, 1 Female NF-C-Y-8Y	Total Length: 17.25 in
	Female Quick Connect to Hardwire Adapter NF-C-F/HW	1.5 x 0.5 x 0.5 in
	Male Quick Connect to Hardwire Adapter NF-C-M/HW	1.5 x 0.5 x 0.5 in

FOR MORE
INFORMATION
CLICK HERE

RESOURCES

WHY NOVAFLEX

ADDITIONAL PRODUCT OPTIONS