

- 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

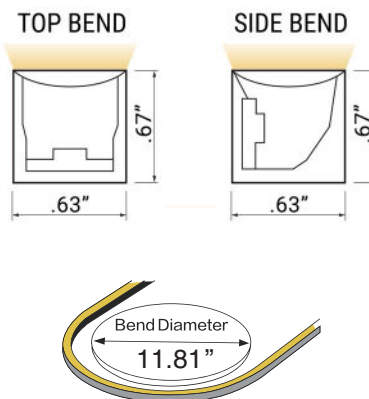
Power	3.7 w/ft
Voltage	24 VDC
Wire Size	18 AWG, 2-wires
Lead	1M, 3M
Jumper	11.8"
Control	PWM dimming

## QUALITY ASSURANCE

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

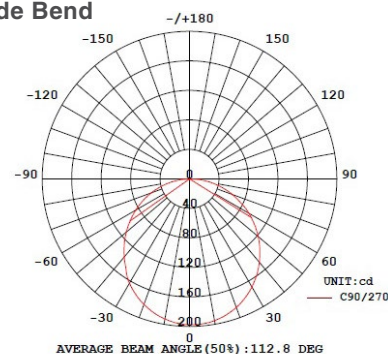
## PHYSICAL

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"

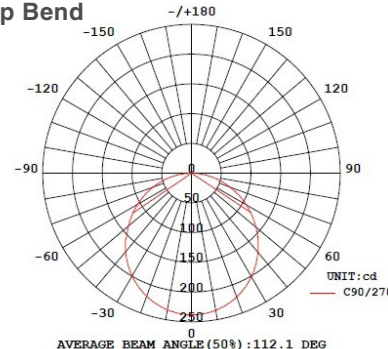


## LIGHT DIST (3000K)

### Side Bend



### Top Bend



CRI/R9 at 3000K >90 / 57

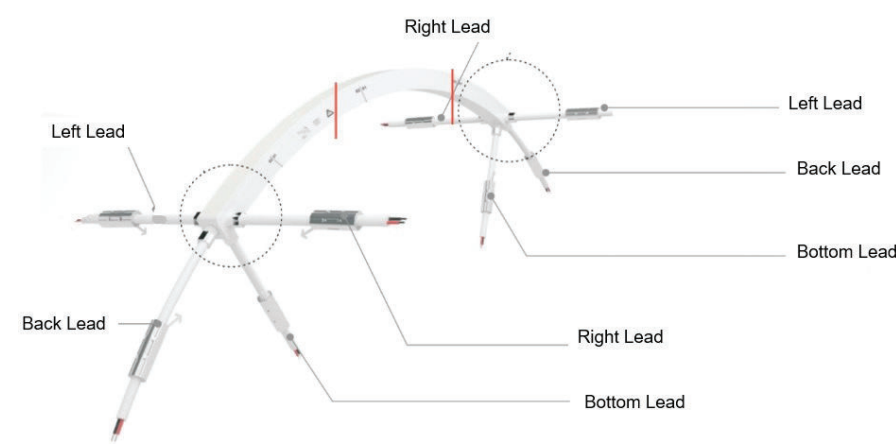
Rf/Rg at 3000K 91 / 99

Beam Angle



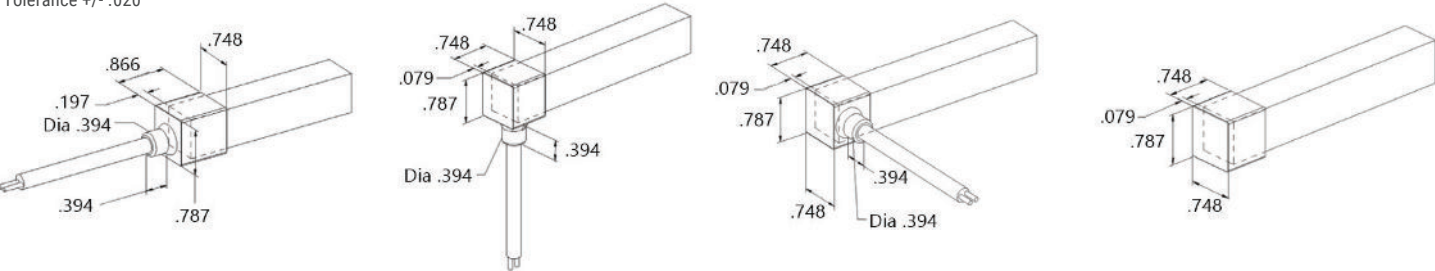
[DOWNLOAD PHOTOMETRICS](#)

Lead Wire Orientation



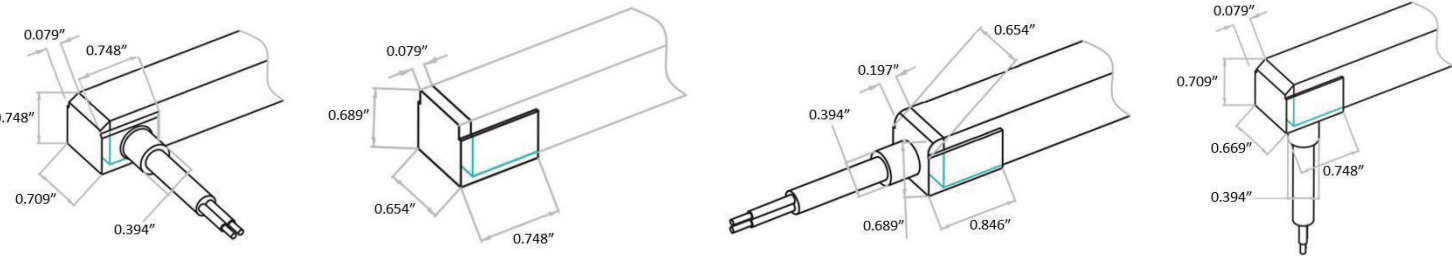
Nova in-house Injection Mold IP67 front connectors and end cap:

Tolerance +/- .020

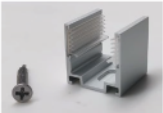
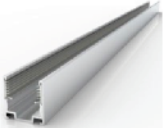


Special order IP68 Injection Mold front connectors and end cap with a further refined finish:







Tolerance +/- .020











Mounting

SKU	Dimensions	Mounting
 NF-CH-NEON-SQS-CLIP Silver Aluminum Clip	width: 0.80" height: 0.82" length: 0.79"	<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"><li>• For ceiling installs, we recommend 10 clips.</li><li>• For wall installs, straight runs, 7-clips; for curves/shapes, wall or ceiling, use the number of clips needed to accomplish the desired shape.</li></ul>
 NF-CH-NEON-SQS-SR-2M Silver Rigid Aluminum Profile	width: 0.80" height: 0.82" length: 2.0 meters	<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 <a href="#">View spec sheet for all options</a>	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 <a href="#">View spec sheet for all options</a>	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 <a href="#">View spec sheet for all options</a>	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 <a href="#">View spec sheet for all options</a>	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 <a href="#">View spec sheet for all options</a>	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 <a href="#">View spec sheet for all options</a>	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
	<b>Hardwire to Female Quick Connect Adapter</b> NF-C-F	Available Lengths: 6in, 1ft, 2ft, 3ft, 4ft, 5ft, 6ft, & 10ft
	<b>Hardwire to Male Quick Connect Adapter</b> NF-C-M	Available Lengths: 6in, 1ft, 2ft, 3ft, 4ft, 5ft, 6ft, 8ft & 10ft
	<b>Male to Female Quick Connect Adapter</b> NF-C-MF	Available Lengths: 3ft, 6ft & 10ft
	<b>Y Cable 2 Male, 1 Female</b> NF-C-Y	Total Length: 20.00 in
	<b>Y Cable 4 Male, 1 Female</b> NF-C-Y-4Y	Total Length: 20.00 in
	<b>Y Cable 8 Male, 1 Female</b> NF-C-Y-8Y	Total Length: 17.25 in
	<b>Female Quick Connect to Hardwire Adapter</b> NF-C-F/HW	1.5 x 0.5 x 0.5 in
	<b>Male Quick Connect to Hardwire Adapter</b> NF-C-M/HW	1.5 x 0.5 x 0.5 in

FOR MORE  
INFORMATION  
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RESOURCES

WHY NOVAFLEX

ADDITIONAL PRODUCT OPTIONS