

- Introducing Nova Flex's new Micro Side Bend Neon!
 - * Super small .39"x.39" size enables a refined look with excellent output for your most demanding design challenges!
 - * Spec-grade silicone neon with 5 year warranty
- Higher output static whites (3X + vs. original Nova mini neon) available in six color temps
- In-house custom injection molding produces exceptional finishing with a SHORT, 5-10 day lead-time
 - * Referencing the dimensional drawings in this spec doc, this IP67 micro neon is available with a further refined finish, 7-9 week lead-time, MOQ 364'
- Salt and UV / anti-yellowing resistant; IK07 protection
- Lower output CRI90 options available via special order



PERFORMANCE (CRI80)

SKU	CCT	L/ft	EFFICACY (L/W)	LED/M
NF-MCN-WT-24V-22K/80	2200	113	41.2	144
NF-MCN-WT-24V-27K/80	2700	128	46.6	144
NF-MCN-WT-24V-30K/80	3000	128	46.6	144
NF-MCN-WT-24V-35K/80	3500	128	46.6	144
NF-MCN-WT-24V-40K/80	4000	128	46.6	144
NF-MCN-WT-24V-57K/80	5700	128	46.6	144

Lumen values can vary +/- 10%

*see page 2 for CRI90 options

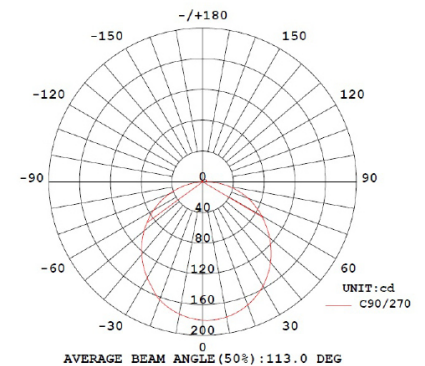
ELECTRICAL

Power	CRI80 = 2.74 W/ft CRI90 = 1.37 W/ft
Voltage	24 VDC
Wire Size	22 AWG, 2-wires (RED = 24V, BLACK = ground)
Lead	11.8"
Jumper	11.8"
Control	0-10V, MLV, ELV Triac, PWM, and External Controller

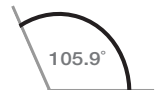
QUALITY ASSURANCE

CCT Binning SDCM	Neon <5 / LED <2.3
Warranty	5 Years
Lumen Maintenance	50,000 hrs
Certifications	cULus Listed

LIGHT DIST (CRI80 3000K)



Beam Angle
(CRI80 & CRI90)



CRI80

CRI/R9 at 3000K 85.3 / 16

Rf/Rg at 3000K 84 / 93

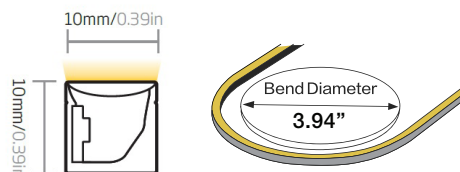
CRI90 (special order)

CRI/R9 at 3000K 97 / 99

Rf/Rg at 3000K 93 / 100

PHYSICAL

Ambient Temp	-40° to 122°F
Environment	Wet (IP67)
Mounting	Straight Aluminum Channel, or Clip
Cut Length	3.28"
Min. Bend Diameter	3.94"
Max Run	24.6' (CRI80) 49.2' (CRI90)
Dimensions	width: 0.39" height: 0.39"

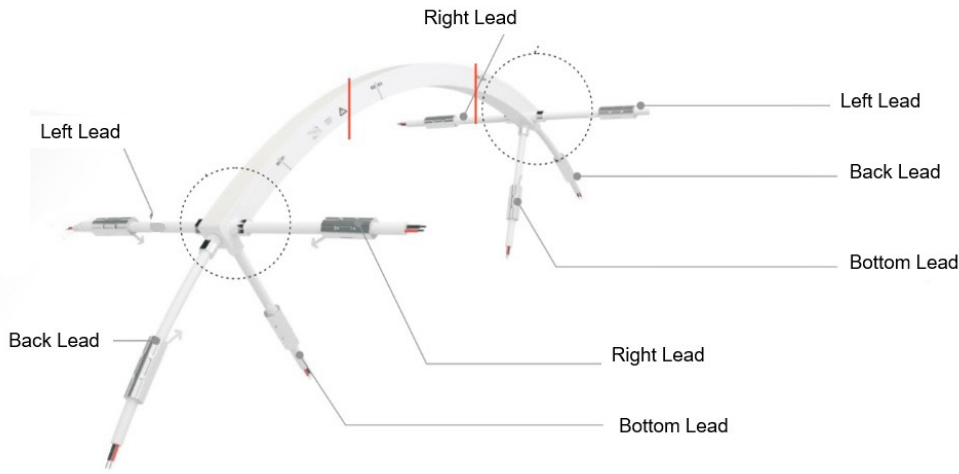


[DOWNLOAD PHOTOMETRICS](#)

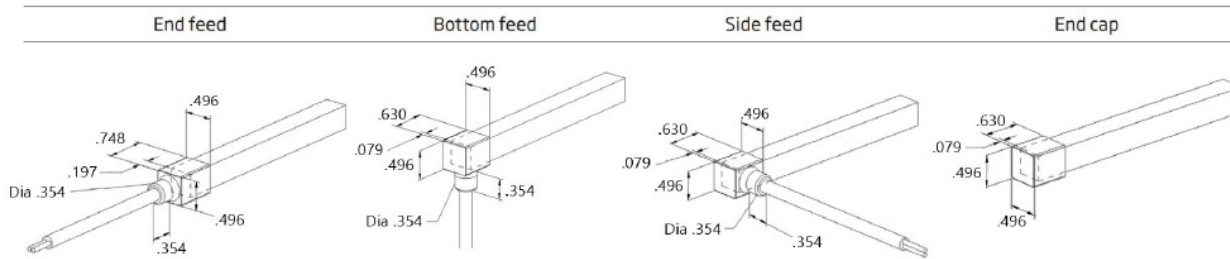
PERFORMANCE (CRI90 1.37 W/ft)

SKU	CCT	L/ft	EFFICACY (L/W)	LED/M	MAX RUN
NF/SP-MCN-WT-24V-27K/90	2700	52	37.9	144	49.2'
NF/SP-MCN-WT-24V-30K/90	3000	52	37.9	144	49.2'
NF/SP-MCN-WT-24V-35K/90	3500	52	37.9	144	49.2'
NF/SP-MCN-WT-24V-40K/90	4000	52	37.9	144	49.2'

LEAD WIRE ORIENTATION

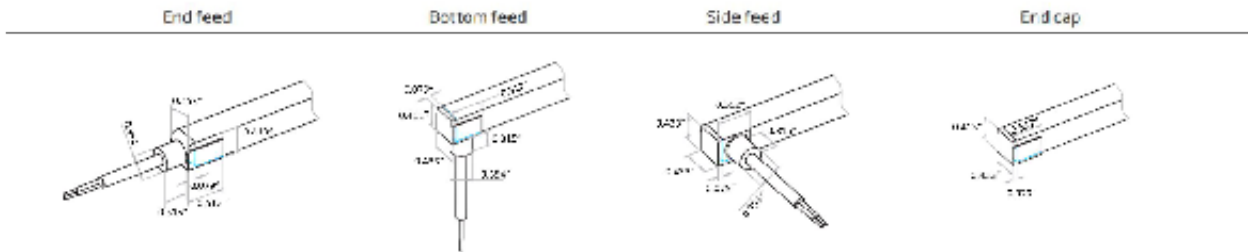


Dimensions for Nova in-house injection molded IP67 front connectors and end cap:



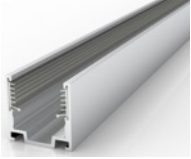
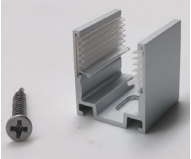
Unit: inches. Tolerance $\pm .020$

Dimensions for special order, injection molded IP67 front connectors and end cap with a further refined finish:
















Unit: inches. Tolerance = .020

MOUNTING OPTIONS

SKU	Dimensions	Mounting
 <p>NF-CH-NEON-MCN-SR-2M Silver Rigid Aluminum Profile</p>	<p>width: 0.54" height: 0.55" length: 2.0 meters = 6.56'</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>
 <p>NF-CH-NEON-MCN-SR-CLIP Silver Aluminum Clip</p>	<p>width: 0.54" height: 0.55" 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.

	Product Image	Product Code	Wattage	Current/Voltage	Safety	Downloads
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	SPEC SHEET
		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	SPEC SHEET
		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	SPEC SHEET
		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	SPEC SHEET
		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	SPEC SHEET
		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	SPEC SHEET
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	SPEC SHEET
		NF-PS-MAXX-288W-24V-0/10V	288W	Output Current: 20A Input Voltage: 100-277 VAC	UL 7850 UL1310	SPEC SHEET
		NF-PS-96W-24V-0/10V	96W	Output Current: 0.96A Max Input Voltage: 120-277 VAC	UL8750 Class 2	SPEC SHEET
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	SPEC SHEET
		NF-PS-L3DO-96W-24V Lutron Hi-Lume Premier 0.1% EcoSystem/3-Wire 24V Constant Voltage	96W	Output Current: 4.0A Input Voltage: 120-277VAC	UL8750 CSA250.13-14 Class 2	SPEC SHEET

	Product Image	Product Code	Details	Downloads
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%	SPEC SHEET
		S3i Hand-Held Remote NF-S3i-WC-D	Required to Pair: S3i-WR-1009 Zones: 6 Dimming Function: 0 - 100% Battery Operated: 3 AAA	SPEC SHEET
		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)	SPEC SHEET
		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	SPEC SHEET
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	SPEC SHEET

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 NOVA FLEX

ADDITIONAL PRODUCT OPTIONS