

- Spec-grade, flexible side-bend, flat-top silicone neon
- Beautiful pixel RGBW output
- In-house custom injection molding produces exceptional finishing of IP67 neon with a short 5-10 day lead-time
  - IP68 available via special order\*
- Salt and UV/anti-yellowing resistant
- IK08 protection
- 5-year warranty

## PERFORMANCE (4000K white)

SKU	CCT	CRI (white)	L/ft	Efficacy (L/W)	LED/M
NF-M2N-WT-24V-40K-DRGBW					
NF-M2N-WT-24V-30K-DRGBW	DRGBW	80	24	5.2	56
NF-M2N-WT-24V-27K-DRGBW					

Lumen values can vary +/- 10% \*3000K and 2700K available via special order (see page 2 for data)

## ELECTRICAL

Power	4.6 w/ft
Voltage	24 VDC
Wire Size	18AWG-3wire 24V = Red Data = Yellow Ground = Black
Lead	11.8"
Jumper	11.8"
Control	- DRGBW can be controlled only using DRGBW-specific controls. - Control Method: SPI, no clock. - Chip Set: UCS 2904

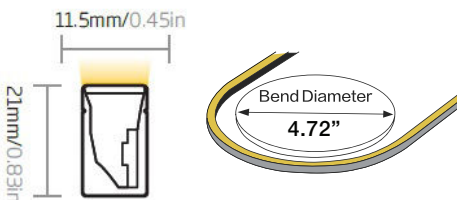
## PHYSICAL

Ambient Temp	-40° to 131°F
Environment	Wet (IP67)
Mounting	Straight Aluminum Channel, or Clip
Cut Length	4.92"
Min. Bend Diameter	4.72"
Max Run	18.31'
Dimensions	width 0.45" height 0.83"

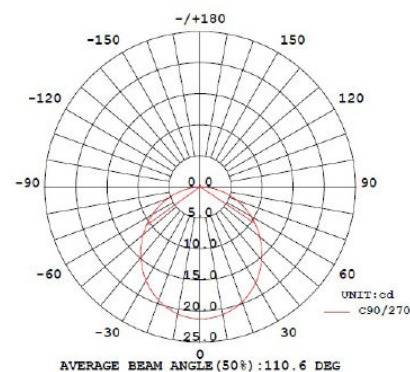
## QUALITY ASSURANCE

CCT Binning SDCM	Neon <5 / LED <2.3 colors 3nm
Warranty	5 Years
Lumen Maintenance	50,000 hrs
Certifications	cULus Listed

\*For SPI DRGBW the cable length from the decoder to the 01 end of the neon (beginning of run) should be less than or equal to 1.5 meters / 5 feet. Use DMX to run long distances and keep decoder as close as practical to the neon to avoid data errors.



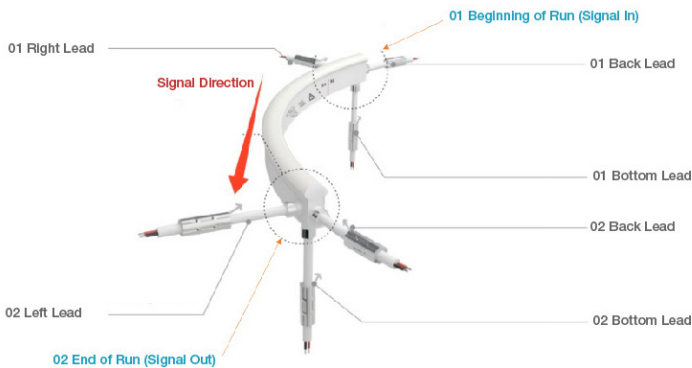
## LIGHT DIST (4000K RED)



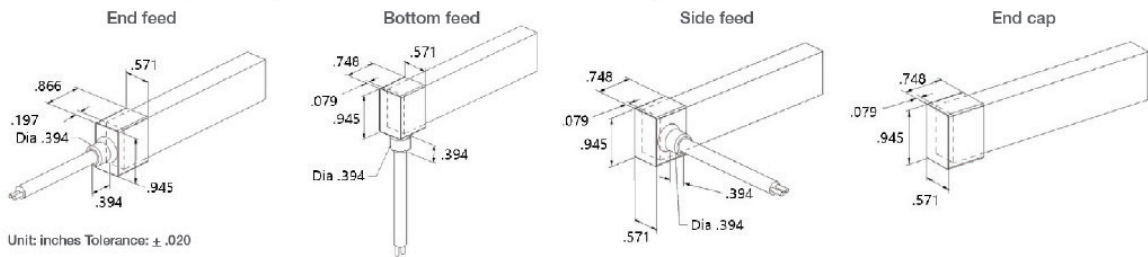
Beam Angle



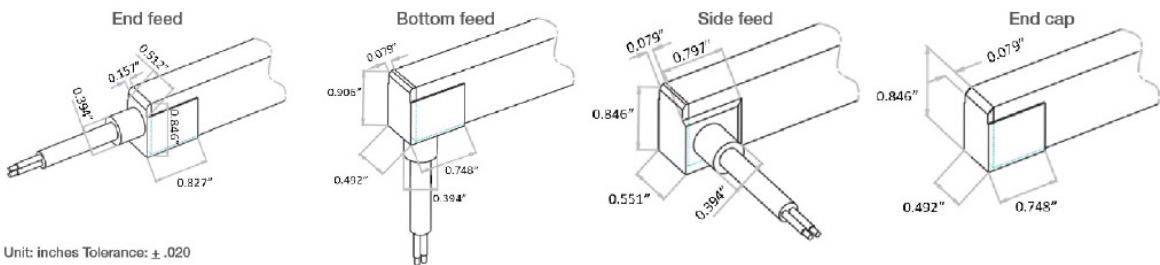
DOWNLOAD PHOTOMETRICS



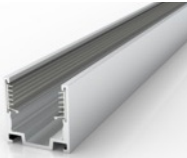

Dimensions for IP67 in-house injection molded front connectors and end cap



Dimensions for IP68 special order injection molded front connectors and end cap



MOUNTING OPTIONS

SKU	Dimensions	Mounting
 NF-CH-NEON-M2N-SR-2M Silver Rigid Aluminum Profile	width: 0.63" height: 0.98" length: 2.0 meters = 6.56'	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.
 NF-CH-NEON-M2N-SR-CLIP Silver Aluminum Clip	width: 0.63" height: 0.98" 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>









	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	<a href="#">SPEC SHEET</a>
		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	<a href="#">SPEC SHEET</a>
		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	<a href="#">SPEC SHEET</a>
		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	<a href="#">SPEC SHEET</a>
		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	<a href="#">SPEC SHEET</a>
		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	<a href="#">SPEC SHEET</a>
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	<a href="#">SPEC SHEET</a>
		NF-PS-MAXX-288W-24V-0/10V	288W	Output Current: 20A Input Voltage: 100-277 VAC	UL 7850 UL1310	<a href="#">SPEC SHEET</a>
		NF-PS-96W-24V-0/10V	96W	Output Current: 0.96A Max Input Voltage: 120-277 VAC	UL8750 Class 2	<a href="#">SPEC SHEET</a>
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	<a href="#">SPEC SHEET</a>
		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	<a href="#">SPEC SHEET</a>

### NOTES RE: DRGBW

- DRGBW can be controlled only using DRGBW-specific controls.
- Control Method: SPI, no clock.
- Chip Set: UCS 2904

Distance from SPI output to 01 end of NEON should not exceed 5' / 1.5M

**Please Note: New Digital Control Options are Coming Soon**

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</b> <b>2 Male, 1 Female</b> NF-C-Y	Total Length: 20.00 in
	<b>Y Cable</b> <b>4 Male, 1 Female</b> NF-C-Y-4Y	Total Length: 20.00 in
	<b>Y Cable</b> <b>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  
CLICK HERE



RESOURCES

WHY NOVA FLEX

ADDITIONAL PRODUCT OPTIONS