



- 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

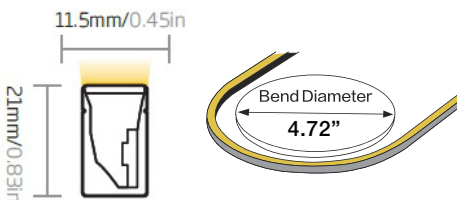
PHYSICAL

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"

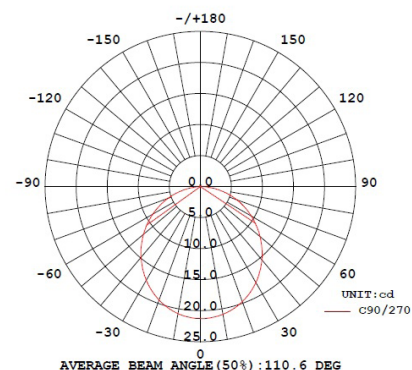
QUALITY ASSURANCE

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.



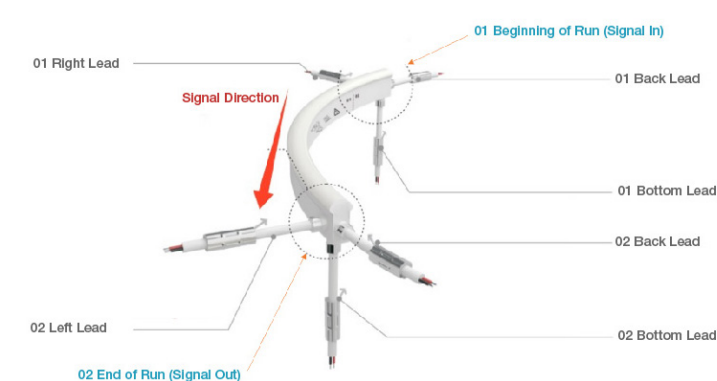
LIGHT DIST (4000K RED)



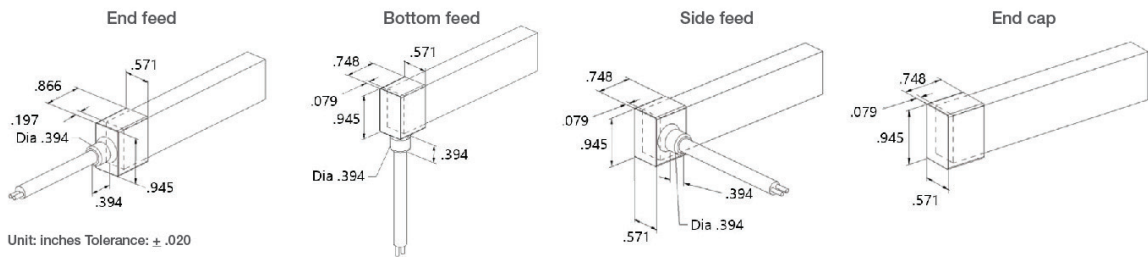
Beam Angle



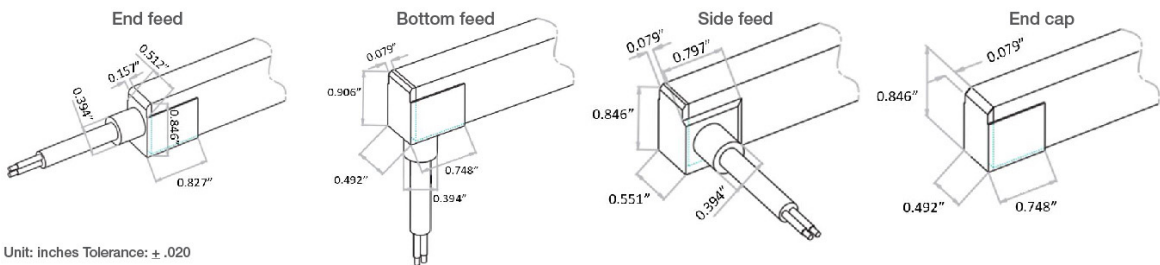
DOWNLOAD PHOTOMETRICS



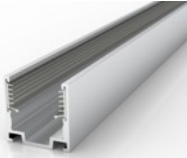
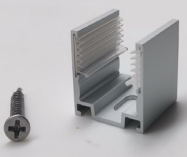
Dimensions for IP67 in-house injection molded front connectors and end cap





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">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
<div>Digital RGB Controls</div> 	Digital RGB Simple Control NF-WC-MINI-DRGB	Input: 5 - 24V DC Zones: 1 Dimming Function: Pixel/DRGB Only - SPI No Clock Battery Operated: CR2023	SPEC SHEET
<div>Digital RGB/W Controls</div> 	LED DMX Pixel Decoder NF-DMX-PIXEL-DECODER	Input Voltage: 12 - 36V DC Input Signal: PWM Max Load Current: 20A (5A/4CH) Max Output Power: 240 - 720W	SPEC SHEET

NOTES RE DRGB:

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

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