



- 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+
- IP67 stocked, **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

Create a complete assembled solution.

Project Name	
Fixture Type	Phase
Specifier	Date
SKU	SKU
SKU	SKU

## 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

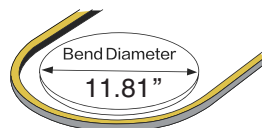
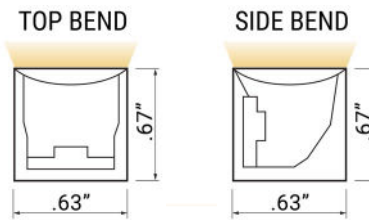
Power	3.7 w/ft
Voltage	24 VDC
Wire Size	18 AWG, 2-wires
Lead	1M, 3M
Jumper	11.8"
Control	PWM dimming

## QUALITY ASSURANCE

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

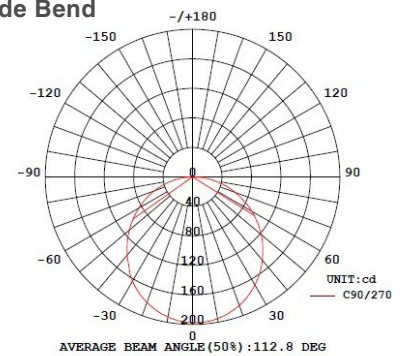
## PHYSICAL

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	49.2'
Dimensions	width 0.63" height 0.67"

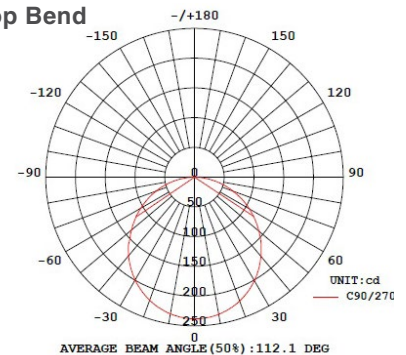


## LIGHT DIST (3000K)

### Side Bend



### Top Bend



CRI/R9 at 3000K >90 / 57

Rf/Rg at 3000K 91 / 99

Beam Angle



[DOWNLOAD PHOTOMETRICS](#)

## IP67 SNAP CONNECTOR LEAD OPTIONS, TOP AND SIDE BEND

BACKSIDE



SIDE - LEFT



SIDE - RIGHT



BOTTOM



## IP68 SILICONE SINGLE INJECTION-MOLDED LEAD OPTIONS, TOP AND SIDE BEND. (special order, no MOQ\*)

BACKSIDE



SIDE - LEFT



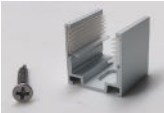

SIDE - RIGHT









BOTTOM












## MOUNTING OPTIONS

SKU	Dimensions	Mounting
 <p><b>NF-CH-NEON-SQS-CLIP</b> 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. Always use one clip near to each end of the run. We generally recommend 7-10 clips per 3.3 feet:</p> <p><i>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.</i></p> <p>(1 screw/clip)</p>
 <p><b>NF-CH-NEON-SQS-SR-2M</b> 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. Please note, snap connectors used on each end for Nova in-house customization will rest outside the channel (each snap connector is 1.75" long). If the product is custom injection molded, the end caps are flush with the body of the neon thus will rest inside the channel.</p>

	Product Image	Product Code	Wattage	Current/Voltage	Safety	Downloads
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	<a href="#">SPEC SHEET</a>
		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	<a href="#">SPEC SHEET</a>
		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	<a href="#">SPEC SHEET</a>
		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	<a href="#">SPEC SHEET</a>
		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	<a href="#">SPEC SHEET</a>
		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	<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>
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>

	Product Image	Product Code	Details	Downloads
S3i Series		<b>S3i Glass Touch-Panel</b> NF-S3i-TP-D	Required to Pair: S3i-WR-1009 Zones: 4 Power Consumption: 200ma Dimming Function: 0 - 100%	<a href="#">SPEC SHEET</a>
		<b>S3i Hand-Held Remote</b> NF-S3i-WC-D	Required to Pair: S3i-WR-1009 Zones: 6 Dimming Function: 0 - 100% Battery Operated: 3 AAA	<a href="#">SPEC SHEET</a>
		<b>S3i Push Button Wall Mount</b> NF-S3i-PB-D	Required to Pair: S3i-WR-1009 Zones: 1 Dimming Function: 0 - 100% Battery Operated: 3V (CR2025)	<a href="#">SPEC SHEET</a>
		<b>S3i Wireless Receiver</b> 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	<a href="#">SPEC SHEET</a>
Other		<b>DMX Decoder</b> 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	<a href="#">SPEC SHEET</a>
Amplifier		<b>Universal Amplifier</b> NF-A-UNV	Input Voltage: 12 - 36V DC Input Signal: PWM Max Load Current: 20A (5A/4CH) Max Output Power: 240 - 720W	<a href="#">SPEC SHEET</a>

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> 2 Male, 1 Female NF-C-Y	Total Length: 20.00 in
	<b>Y Cable</b> 4 Male, 1 Female NF-C-Y-4Y	Total Length: 20.00 in
	<b>Y Cable</b> 8 Male, 1 Female 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
	<b>Universal Adjustable Clip</b> NF-CH-UNV-CLIPS/ADJ	1.13 x 1.00 in

FOR MORE  
INFORMATION  
CLICK HERE



RESOURCES

WHY NOVAFLEX

ADDITIONAL PRODUCT OPTIONS