

NEON ROUND SERIES

The Neon Round Series offers architectural-grade LED neon in multiple outputs and color options.

- Indoor / Outdoor
- 80+ CRI for DRGBW
- Wildlife Certified - Red & Yellow



	SKU	Lumens /ft	Efficacy (lm/w)	Power (w/ft)	Max Run
Static White	NF-NEON-W-ROUND-24V-2700K	145	39		
	NF-NEON-W-ROUND-24V-3000K	130	35		
	NF-NEON-W-ROUND-24V-3500K	160	43	3.7	24.6'
	NF/SP-NEON-W-ROUND-24V-4000K*	159	45		
	NF-NEON-W-ROUND-24V-5000K	155	42		
Static Color	NF-NEON-W-ROUND-24V-RED	53	24		
	NF-NEON-W-ROUND-24V-BLUE	16	4		
	NF/SP-NEON-W-ROUND-24V-GREEN*	90	24	3.7	24.6'
	NF/SP-NEON-W-ROUND-24V-YELLOW*	52	14		
Dynamic	NF-NEON-W-ROUND-24V-RGB	10 - 40	2 - 12	3.7	24.6'
	NF-NEON-W-ROUND-24V-DRGB	10 - 40	2 - 12	3.7	24.6'
	NF/SP-NEON-W-ROUND-24V-DRGBW* (4000K)	5 - 40	4 - 29	4.6	16.5'

Lumens have a tolerance of +/- 10%.

Performance

Lumen Maintenance	50,000 Hrs
Warranty	3 years
CCT Binning	3-step MacAdam
Certifications	UL Wildlife Certified (Red/Yellow)

Electrical

Voltage	24V
Wire Size	18 AWG, 2-Wire (static whites and color) 18 AWG, 4-Wire (DRGB, DRGBW, RGB)
Lead	1M, 3M, or 5M
Jumper	6 Inch or 12 Inch

MLV, 0-10V, S3i Series
 NOTES RE: DRGBW
 - DRGBW can be controlled only using DRGBW-specific controls.
 - Control Method: SPI, no clock.
 - Chip Set: UCS 2904
 NOTES RE: DRGB
 - DRGB can be controlled only using DRGB-specific controls
 - Control Method: SPI, no clock
 - Chip Set: UCS 2903

Dimming

Physical

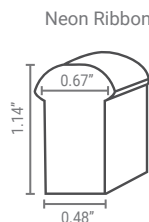
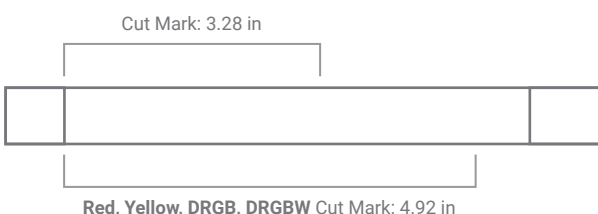
Operating Temp	-15° to 140°F (-25° to 60°C)
Environment	IP67
Mounting	Clips Channel (Required)
Lead Options	Standard Injection Molded* Right, Bottom, Left and Back

Please note, left side leads are **NOT** available for DRGBW. Left side leads are available for DRGB, but only with snap connectors (not injection molding).

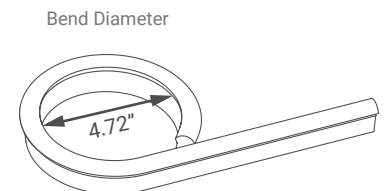
Complete Solution

Step 1	Build the LED neon order code
Step 2	Select lead options, channel or clips
Step 3	Select power and controls
Step 4	Select accessories
Step 5	Contact your Agent or Nova Flex

Dimensions



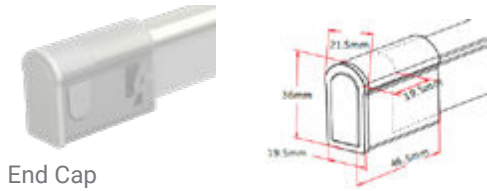
Lead options & dimensions on next page



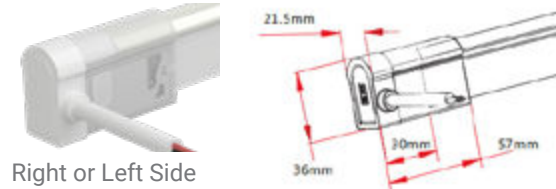
NEON ROUND LEADS/CHANNEL OPTIONS **NOVA**FLEX®

Lead Options

Standard Lead Options

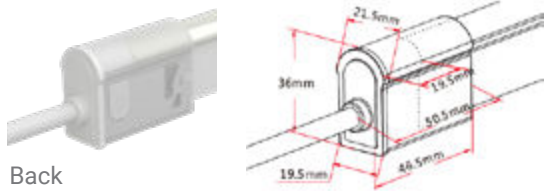


End Cap

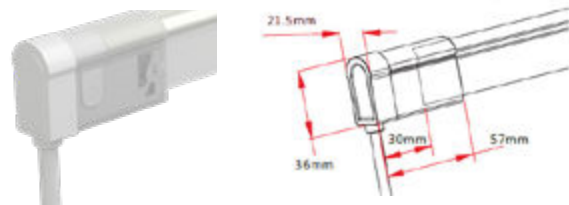


Right or Left Side

**These drawings and pictures show right side only*

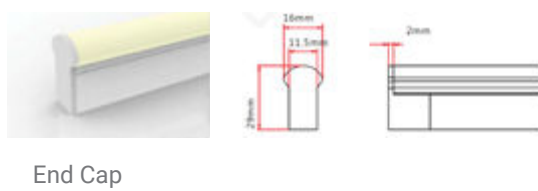


Back

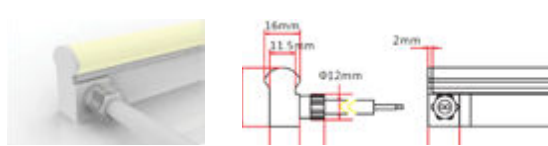


Bottom

Injection Molded Leads (special order, no MOQ)*

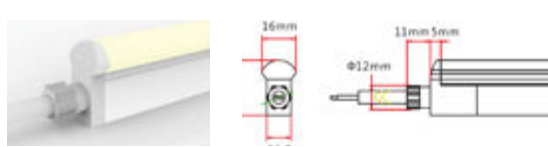


End Cap

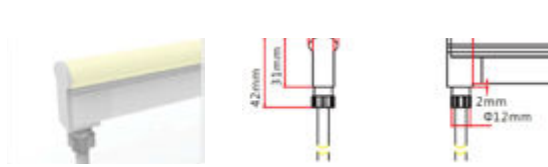


Right or Left Side

**These drawings and pictures show right side only*



Back

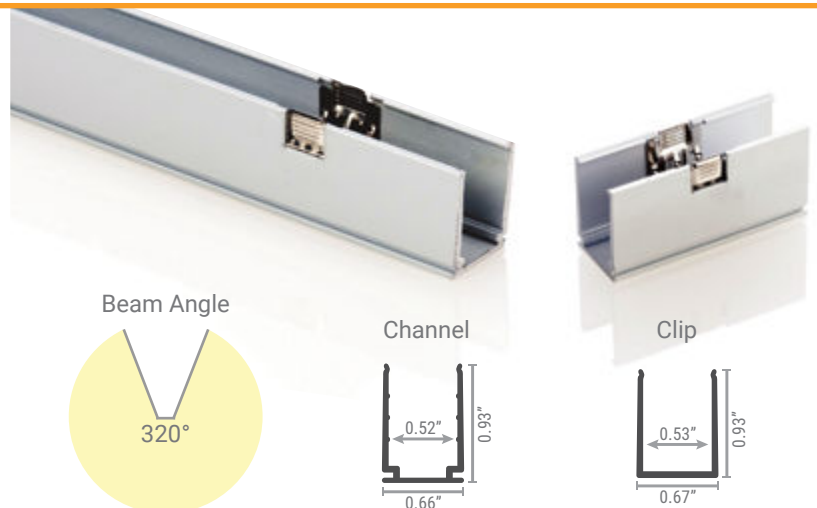


Bottom

Channel or Clip Options

Self-Locking Channel or Clips to create the perfect design.

Channel	NF-CH-NEON-ROUND-SL-2M
Clip	NF-CH-NEON-ROUND-SL-CLIP
Material	Anodized Aluminum
Length	Custom Length up to 2M
Color	Silver





NEON ROUND DRIVER OPTIONS

	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 (N/A for DRGB and DRGBW)		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	Details	Downloads
RGB Controls		S3i Glass Touch-Panel NF-S3i-TP-RGBW	Required to Pair: S3i-WR-1009 Zones: 1 Power Consumption: 200ma Dimming Function: 0 - 100%	SPEC SHEET
		S3i Glass Touch-Panel NF-S3i-TP-RGB	Required to Pair: S3i-WR-1009 Zones: 4 Power Consumption: 200ma Dimming Function: 0 - 100%	SPEC SHEET
		S3i Hand-Held Remote NF-S3i-WC-RGB/W	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-RGB/W	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	Details	Downloads
Digital RGB Controls		Digital RGB Simple Control NF-WC-MINI-DRGB	Input: 5 - 24V DC Zones: 1 Dimming Function: Pixel/DRGB Only - SPI No Clock Battery Operated: CR2032	SPEC SHEET
Digital RGB/W Controls		LED DMX Pixel Decoder NF-DMX-PIXELDECODER	Input Voltage: 12 - 36V DC Input Signal: PWM Max Load Current: 20A (5A/4CH) Max Output Power: 240 - 720W	SPEC SHEET

NOTES RE: DRGBW












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

NOTES RE: DRGB

- DRGB can be controlled only using DRGB-specific controls
- Control Method: SPI, no clock
- Chip Set: UCS 2903

NEON ROUND ACCESSORY OPTIONS



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
	Hard Clips 20 per pack NF-CLIPS-H	1.125 x 0.25 in Clips add 0.125" to height of lights
	Soft Clips 20 per pack NF-CLIPS-S	1.125 x 0.25 in Clips add 0.125" to height of lights
	Universal Adjustable Clip NF-CH-UNV-CLIPS/ADJ	1.13 x 1.00 in

FOR MORE
INFORMATION
CLICK HERE 

RESOURCES

WHY NOVA FLEX

ADDITIONAL
PRODUCT OPTIONS