

AQUEOUS NEON

NOVA FLEX®

The Aqueous Neon Series is certified to the highest standard, UL676, making it safe for use in swimming pools and other inhabitable bodies of water.

- Submersible / Inhabitable
- Commercial / Residential
- Pools / Spas



Physical

Operating Temp	-15° to 140°F (-25° to 60°C)
Environment	IP68 Rugged (Water/chemical resistant)
Cut Marks	See diagram below
Mounting	Channel (Required)
Required Lead Length	16.4 ft or 32.8 ft

Performance

Lumen Maintenance	50,000 Hrs
Warranty	3 years
CCT Binning	<3SDCM
Certifications	UL 676

Electrical

Voltage	24V
Wire Size	18 AWG, 2 wire
Dimming	MLV 0-10V S3i Series Controller

Dimensions



	CCT	CRI	Lumens/ft	Efficacy (lm/w)	Power (w/ft)	Max Run
Aqueous Neon	2700K*	83	153	44	3.4	26.2 ft
	3000K*	82	164	49		
	5700K*	83	151	45		
	Red*	N/A	57	26	2.2	
	Green*	N/A	155	46	3.4	
	Blue*	N/A	25	7		

Lumens have a tolerance of +/- 10%.

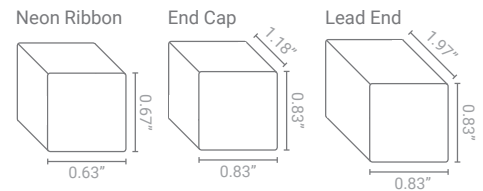
Complete Solution

- Step 1 Build your ribbon order code
- Step 2 Select your channel (pg 2)
- Step 3 Select your power and controls (pg 3-4)
- Step 4 Select your accessories (pg 5)
- Step 5 Contact your local agent or Nova Flex Rep.



END CAP: 1.18 x 0.83 x 0.83 in

LEAD END: 1.97 x 0.83 x 0.83 in



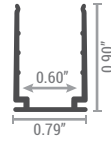
ORDER CODE	SERIES	ENV	VOLTAGE	CCT
NF	NEON	UW	24V	
NF	NEON	UW = IP68*	24V	2700K* 3000K* 57000K* RED* GREEN* BLUE*

DID YOU KNOW?
 Product is cut, soldered & shipped ready to install in 1 - 4 business days.

*Special order, allow 4 - 6 weeks delivery.

AQUEOUS NEON CHANNEL

NOVA FLEX[®]



Physical

Material	Plastic
Length	Custom Length up to 6.56 ft (2M)
Color	Clear



Mounting Options



Direct Mount

POWER SUPPLY OPTIONS AQUEOUS NEON SERIES

Dimming Options: No control needed





Product Image	Product Code	Wattage	Output Current	Input Voltage	Safety	Downloads
E-SERIES MLV DIMMABLE DOWN TO 1%						
	NF-PS-E20L24	20W	0.87A	120 VAC	UL8750 Class 2 Nema 3R	20W SPECS
	NF-PS-E40L24	40W	1.75A			40W SPECS
	NF-PS-E60L24	60W	2.63A			60W SPECS
	NF-PS-E75L24	75W	3.30A			75W SPECS
	NF-PS-E96L24	96W	4.00A			96W SPECS
	NF-PSEZJ192L24	2 X 96W	2.67A	120 VAC	UL Approved Class 2	EZJ 192 SPECS
	NF-PSEZJ288L24	3 x 96W	4.00A			EZJ 288 SPECS

ELECTRONIC 0-10V DIMMABLE DOWN TO 0.1%

	NF-PS-96W-24V-0/10V	96W	0.96A Max	120-277 VAC	UL8750 Class 2 Class P	SPEC SHEET
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Non-Dimming Options: Can be paired with a control on the next page.

ELECTRONIC NON-DIMMING (unless paired with a dimmable controller)







	NF-PS-35W-24V-HW	35W	Input 1.1A Max Output 1.5A / 24V	100 - 240 VAC	UL E345214 Class 2	SPEC SHEET
	NF-PS-60W-24V-HW	60W	Input 1.2A Max Output 2.5A / 24V	100 - 240 VAC	UL E345214 Class 2	SPEC SHEET
	NF-PS-96W-24V	96W	Input 0.96A Max Output 4.1A / 24V	120 - 277 VAC	UL E345214 Class 2	SPEC SHEET
	NF-PS-HLG100W24V-HW	100W	Input 1.2A Max Output 4.0A / 24V	100 - 277 VAC	UL E345214 Class 2	SPEC SHEET

PLUG & PLAY









	NF-PS-12W-24V-WM	12W	0.25A Max	100 - 240 VAC	UL E345214 Class 2	12W SPECS
	NF-PS-24W-24V-WM	24W	0.5A Max			24W SPECS
	NF-PS-36W-24V-TT	36W	0.9A Max	100 - 240 VAC	UL E345214 Class 2	36W SPECS
	NF-PS-60W-24-TT	60W	1.5A Max			60W SPECS
	NF-PS-100W-24V-TT	100W	4.0A Max			100W SPECS

CONTROL OPTIONS AQUEOUS NEON SERIES

If you have a large project, these controls can be paired with our Universal Amplifier.

Product Image	Product Code	Details	Pair With	Downloads
S3i CONTROL SERIES				
	S3i Rotary Wall Mount NF-S3i-RC-D	Zones: 1 Power Consumption: 200ma Dimming Function: 0 - 100% Battery Operated: Included	NF-S3i-WR-1009	SPEC SHEET
	S3i Touch Static Dimmer NF-S3i-TP-D	Zones: 4 Power Consumption: 200ma Dimming Function: 0 - 100%	NF-S3i-WR-1009	SPEC SHEET
	S3i Hand-held Static Dimmer NF-S3i-WC-D	Zones: 6 Dimming Function: 0 - 100% Battery Operated: 3 AAA	NF-S3i-WR-1009	SPEC SHEET
	S3i Push Button Wall Mount Static Dimmer NF-S3i-PB-D	Zones: 1 Dimming Function: 0 - 100% Battery Operated: 3V (CR2025)	NF-S3i-WR-1009	SPEC SHEET
	S3i WiFi RF Converter NF-S3i-WC-WIFI	Output Power: RF Signal Operating Frequency: 2.4G Dimming: 0 - 100%	NF-S3i-WR-1009	SPEC SHEET
	S3i Wireless Receiver NF-S3i-WR-1009	Output Power: 240 - 720w Output Current: 4 CH. 5A/CH Input: 12 - 36V DC Dimming: 0 - 100%	NF-A-UNV	SPEC SHEET
OTHER CONTROLS AND AMPLIFIER				
	LT Static Dimmer NF-WC-D	Zones: 1 Receiver Voltage: 12 - 24V DC Receiver Power Capacity: 126W (24V) Remote Voltage: 3V (CR2025) Remote Working Frequency: 433.92 MHz	NF-A-UNV	SPEC SHEET
	LED DMX Decoder 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 Automatically Control Method: DMX512 RJ45	Electronic Non-Dimming Driver	SPEC SHEET
	0-10V - 12/24V Dimming Module NF-D-0/1-10V	Input Signal: 0-10V, 1-10V, 10V PWM, Push Button Input Voltage: 12 - 24V DC Max Load Current: 1 CH (10A/CH) Max Output Power: 120W/288W (12V/24V) Dimming Range: 0 - 100%	Electronic Non-Dimming Driver	SPEC SHEET
	Universal Amplifier NF-A-UNV	Input Voltage: 12 - 36V DC Input Signal: PWM Max Load Current: 20A (5A/4CH) Max Output Power: 240 - 720W	All Above Products	SPEC SHEET

ACCESSORY OPTIONS AQUEOUS NEON SERIES

Product Image	Product Code	Dimensions
	Hardwire to Female Quick Connect Adapter NF-C-F	Available Lengths: 6in, 1ft, 2ft, 3ft, 4ft, 5ft, 6ft, 8ft & 10ft
	Y Cable 2 Male, 1 Female NF-C-Y	Total Length: 20.00 in
	Hardwire to Male Quick Connect Adapter NF-C-M	Available Lengths: 6in, 1ft, 2ft, 3ft, 4ft, 5ft, 6ft, 8ft & 10ft
	Y Cable 4 Male, 1 Female NF-C-Y-4Y	Total Length: 20.00 in
	Male to Female Quick Connect Extension NF-C-MF	Available Lengths: 3ft, 6ft & 10ft
	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** 

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[INSTALLATION GUIDES](#)

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[RESOURCES](#)