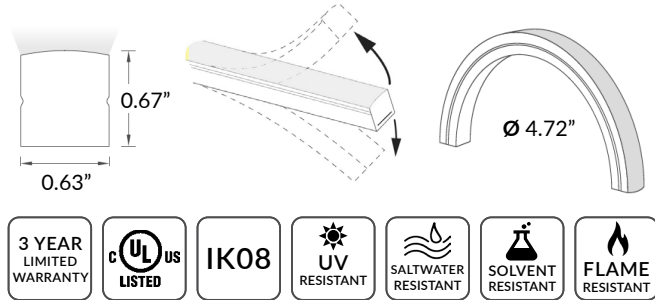
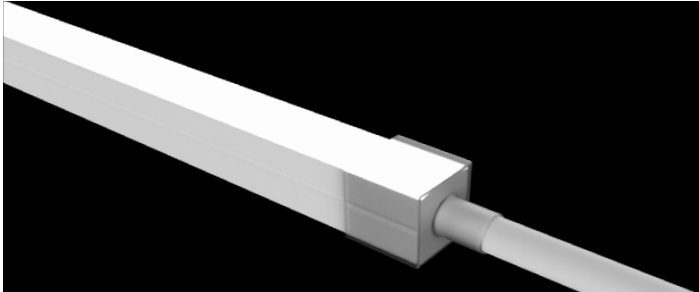


# WARM FADE LED NEON - 24V

Square Profile / Top Bending / Silicone (ST63)



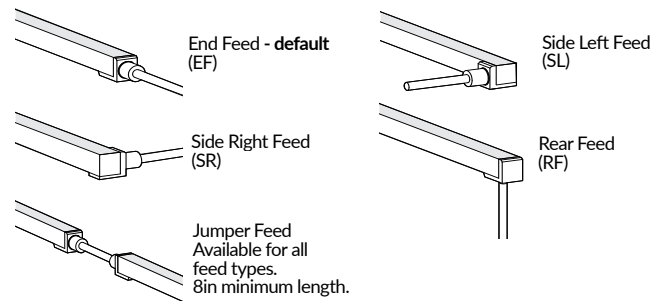
## TECHNICAL INFORMATION

NOTE: All data has +/- 5% tolerance.

WATTAGE	4.4W per foot
IP RATING	IP68 - wet locations. Protected against temporary submersion, limited protection against harsh environments.
IK RATING	IK08
BEAM ANGLE	113°
HOUSING MATERIAL	Silicone
OUTPUT	1800K - 3000K - 273 lm/ft
CRI	80+
INPUT VOLTAGE	24VDC
SEGMENT LENGTH	Every 3.28", not field-cuttable
MAXIMUM RUN	22 feet
DIMENSIONS	0.63" W x 0.67" H
MINIMUM BEND	4.72" diameter
INSTALLATION TEMP.	32°F to 140°F (do not install when temperatures are below freezing)
OPERATING TEMP.	-40°F to 140°F
WARRANTY	3 year limited
POWER SUPPLY	Compatible with 0-10V dimmable, LLI-PS-UDEFF, and LLI-PS-UDIMM dimmable LED power supplies - see page 4

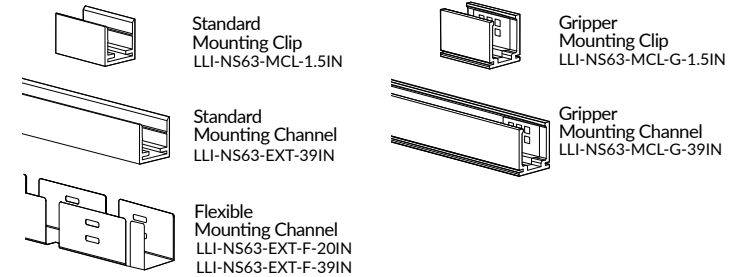
### FEED TYPES

Product has 48in hard wire end feed unless otherwise specified. Other options subject to availability - contact us. Power Feed Caps and End Caps illuminate continuously to the end.



### MOUNTING

See page 3 for details. 2 clips recommended per 12in of LED Neon. Sold separately.



## ORDERING GUIDE

SERIES	IP RATING	TYPE	COLOR	VOLTAGE	LENGTH
LLI-N4.4W	68	ST63	30D 30D - 273 lm/ft	24V	

Enter total length in inches. Nominal length only. Actual lengths vary by cut point. Refer to page 3.

Example part number: LLI-N4.4W-68-ST63-30D-24V-96in

Default 48in end feed power wire (PWR48EF) included. Use OPTIONAL section to specify other power feed(s).

← PRODUCT CODE

OPTIONAL CODE →

POWER FEED		
LEAD TYPE	LEAD LENGTH	FEED TYPE

Default [blank] - 48" hard wire end feed (PWR48EF)

**PWR** Hard Wire (no connector)    Enter desired wire length in inches    **EF** End Feed  
**RF** Rear Feed  
**SL** Side Left  
**SR** Side Right

For runs that require power feeds on both ends, repeat optional power feed code.

# WARM FADE LED NEON - 24V

Square Profile / Top Bending / Silicone (ST63)

## OVERALL LENGTH / SEGMENT GUIDE

Dimension tolerance of  $\pm 1/8"$ .

Measurements below do not include area required for routing power wire. Add 1" distance to layout to account for routing end feed power wire.

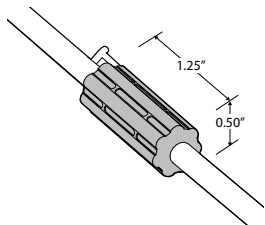
This product expands and contracts in varying ambient temperatures. If butting Neon end-to-end, add 1/2" to 1" gap between sections for expansion.

10.3"	13.6"	16.9"	20.2"	23.4"	26.7"	30.0"	33.3"	36.6"	39.8"	43.1"	46.4"
49.7"	53.0"	56.2"	59.5"	62.8"	66.1"	69.4"	72.6"	75.9"	79.2"	82.5"	85.8"
89.1"	92.3"	95.6"	98.9"	102.2"	105.5"	108.7"	112.0"	115.3"	118.6"	121.9"	125.1"
128.4"	131.7"	135.0"	138.3"	141.5"	144.8"	148.1"	151.4"	154.7"	157.9"	161.2"	164.5"
167.8"	171.1"	174.4"	177.6"	180.9"	184.2"	187.5"	190.8"	194.0"	197.3"	200.6"	203.9"
207.2"	210.4"	213.7"	217.0"	220.3"	223.6"	226.8"	230.1"	233.4"	236.7"	240.0"	243.2"
246.5"	249.8"	253.1"	256.4"	259.6"	262.9"						

# WARM FADE LED NEON - 24V

Square Profile / Top Bending / Silicone (ST63)

## ANTI-WICKING FERRULE

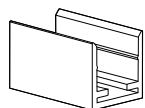


Standard on all LED Neon power feeds. Located 4-6" from the connector. Protects against water ingress and circuit board corrosion.

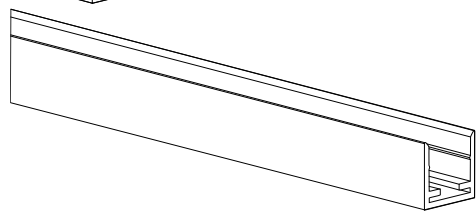
## MOUNTING CHANNELS AND CLIPS (SOLD SEPARATELY)

**NOTE:** Leave a 0.5" to 1" gap between Neon power feed and mounting channel, to avoid undue stress on power feed cables.

### ALUMINUM MOUNTING CHANNEL - SILVER ANODIZED



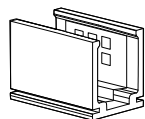
**Mounting Clip**  
Recommended 2 clips every 12"  
Part Number: LLI-NS63-MCL-1.5IN  
Dimensions: 1.5" L x 0.75" H x 0.84" W



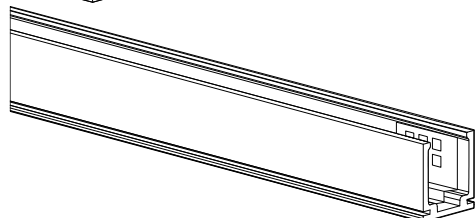
**39" Mounting Channel**  
Part Number: LLI-NS63-EXT-39IN  
Dimensions: 39" L x 0.75" H x 0.84" W

### ALUMINUM MOUNTING CHANNEL WITH GRIPPER TEETH - SILVER ANODIZED

Recommended for ceilings or downward mounted Neon.

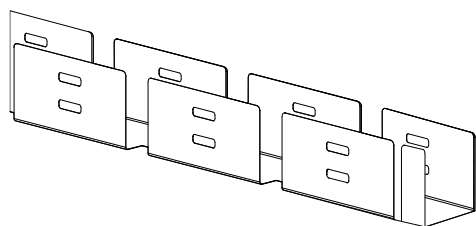


**Mounting Clip**  
Recommended 2 clips every 12"  
Part Number: LLI-NS63-MCL-G-1.5IN  
Dimensions: 1.5" L x 0.75" H x 0.84" W



**39" Mounting Channel**  
Part Number: LLI-NS63-EXT-G-39IN  
Dimensions: 39" L x 0.75" H x 0.84" W

### FLEXIBLE ALUMINUM MOUNTING CHANNEL - SILVER ANODIZED



**20" or 39" Flexible Mounting Channel**  
Part Number: LLI-NS63-EXT-F-20IN  
                  LLI-NS63-EXT-F-39IN  
Dimensions: 20" L x 0.71" H x 0.69" W  
                  39" L x 0.71" H x 0.69" W

# WARM FADE LED NEON - 24V

Square Profile / Top Bending / Silicone (ST63)

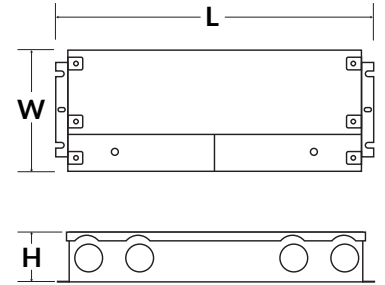
POWER SUPPLIES (SOLD SEPARATELY)

## DIMMABLE ELECTRONIC 0-10V



Optimal performance dims to 0%.\*

PART NUMBER	CAPACITY	INPUT	OUTPUT	CLASS	LOCATION	L	W	H
LLI-PS-DE010-030W-24V-KO	30W	120V or 277V	24V	CLASS 2	IP66 WET	6.5"	3.6"	1.6"
LLI-PS-DE010-060W-24V-KO	60W	120V or 277V	24V	CLASS 2	IP66 WET	7.4"	3.6"	1.6"
LLI-PS-DE010-096W-24V-KO	96W	120V or 277V	24V	CLASS 2	IP66 WET	8.7"	3.7"	1.7"
LLI-PS-DE010-192W-24V-CL2-KO	2x96W	120V or 277V	24V	CLASS 2	IP66 WET	10.9"	4.3"	1.9"
LLI-PS-DE010-200W-24V-KO	200W	120V or 277V	24V	CLASS 1	IP66 WET	10.2"	4.1"	1.8"
LLI-PS-DE010-288W-24V-CL2-KO	3x96W	120V or 277V	24V	CLASS 2	IP66 WET	11.9"	4.3"	1.9"
LLI-PS-DE010-300W-24V-KO	300W	120V or 277V	24V	CLASS 1	IP66 WET	10.9"	4.3"	1.8"

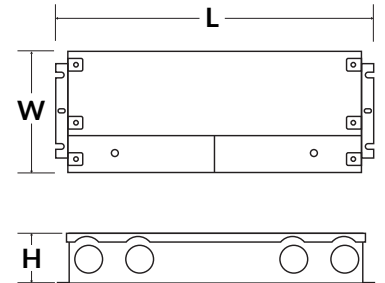


## DIMMABLE ELECTRONIC FLICKER-FREE



Optimal performance dims to 2-5%\*.

PART NUMBER	CAPACITY	INPUT	OUTPUT	CLASS	LOCATION	L	W	H
LLI-PS-UDEFF-030W-24V-KO	30W	110-277V	24V	CLASS 2	IP66 WET	6.5"	3.6"	1.0"
LLI-PS-UDEFF-060W-24V-KO	60W	110-277V	24V	CLASS 2	IP66 WET	7.4"	3.6"	1.0"
LLI-PS-UDEFF-096W-24V-KO	96W	110-277V	24V	CLASS 2	IP66 WET	8.7"	3.7"	1.6"
LLI-PS-UDEFF-192W-24V-CL2-KO	2x96W	110-277V	24V	CLASS 2	IP66 WET	10.9"	4.3"	1.9"
LLI-PS-UDEFF-200W-24V-KO	200W	110-277V	24V	CLASS 1	IP66 WET	10.2"	4.1"	1.8"
LLI-PS-UDEFF-288W-24V-CL2-KO	3x96W	110-277V	24V	CLASS 2	IP66 WET	11.9"	4.3"	1.9"
LLI-PS-UDEFF-300W-24V-KO	300W	110-277V	24V	CLASS 1	IP66 WET	11.0"	4.3"	1.8"

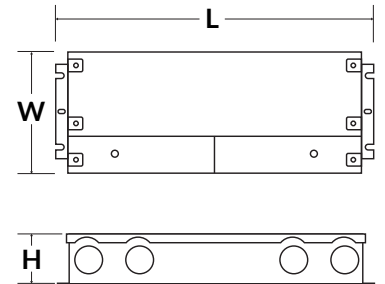


## UNIVERSAL DIMMABLE FLICKER-FREE



Optimal performance dims to 0% (0-10V) or 2% (TRIAC/ELV)\*.

PART NUMBER	CAPACITY	INPUT	OUTPUT	CLASS	LOCATION	L	W	H
LLI-PS-UDIMM-030W-24V-KO	30W	100-277V	24V	CLASS 2	IP66 WET	6.5"	3.7"	1.6"
LLI-PS-UDIMM-060W-24V-KO	60W	100-277V	24V	CLASS 2	IP66 WET	7.4"	3.7"	1.6"
LLI-PS-UDIMM-096W-24V-KO	96W	100-277V	24V	CLASS 2	IP66 WET	8.7"	3.7"	1.6"
LLI-PS-UDIMM-192W-24V-CL2-KO	2x96W	100-277V	24V	CLASS 2	IP66 WET	10.9"	4.3"	1.8"
LLI-PS-UDIMM-200W-24V-KO	200W	100-277V	24V	CLASS 1	IP66 WET	10.2"	4.1"	1.8"
LLI-PS-UDIMM-288W-24V-CL2-KO	3x96W	100-277V	24V	CLASS 2	IP66 WET	11.8"	4.3"	1.8"
LLI-PS-UDIMM-300W-24V-KO	300W	100-277V	24V	CLASS 1	IP66 WET	10.9"	4.3"	1.8"



\*Performance can be affected by driver loading and dimmer type.