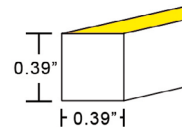


STATIC WHITE LED NEON - 24V

Square Mini Profile / Top Bending / Silicone / High Output

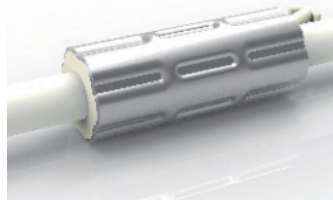


TECHNICAL INFORMATION

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

WATTAGE	2.8W per foot
IP RATING	IP68 - wet locations. Protected against temporary submersion, limited protection against harsh environments.
PROFILE	Square Mini
BEND ORIENTATION	Top Bend
HOUSING MATERIAL	Silicone, UV resistant per ISO 4892-3
OUTPUT	2200K (2238 ±102K) - 119 lm/ft 2700K (2725 ±120K) - 126 lm/ft 3000K (3045 ±175K) - 140 lm/ft 3500K (3525 ±202K) - 146 lm/ft 4000K (3985 ±245K) - 147 lm/ft 5700K (5669 ±355K) - 156 lm/ft
INPUT VOLTAGE	24VDC
CRI	80+
SEGMENT LENGTH	Every 3.3", not field-cuttable
MAXIMUM RUN	24 feet (single feed power)
DIMENSIONS	0.39" W x 0.39" H (10mm x 10mm)
MINIMUM BEND	3.9" diameter
INSTALLATION TEMP.	-40°F to 140°F
OPERATING TEMP.	-40°F to 140°F
WARRANTY	3 year limited
POWER SUPPLY	Compatible with all 24VDC power supplies -- see page 7

ANTI-WICKING FERRULE



Standard on all LED Neon power cables. Located 4.5" from the connector. Protects against water ingress and circuit board corrosion. H 0.47" x W 1.18"

MOUNTING OPTIONS:

See page 5-6 for mounting options. Aluminum extrusions and mounting clips are available (sold separately).

PART NUMBER BUILDER / ORDERING GUIDE

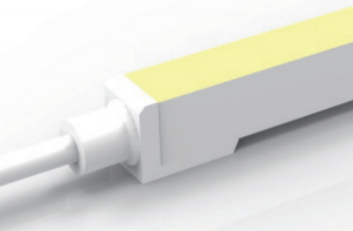
Example part number: LLI-N2.8W-68-MTS-30K-24V-96in

SERIES	IP RATING	TYPE	COLOR	VOLTAGE	LENGTH
LLI-N2.8W	68	MTS		24V	
			22K - 119 lm/ft	(enter length in inches, up to 288")	
			27K - 126 lm/ft		
			30K - 140 lm/ft		
			35K - 146 lm/ft		
			40K - 147 lm/ft		
			57K - 156 lm/ft		

STATIC WHITE LED NEON - 24V

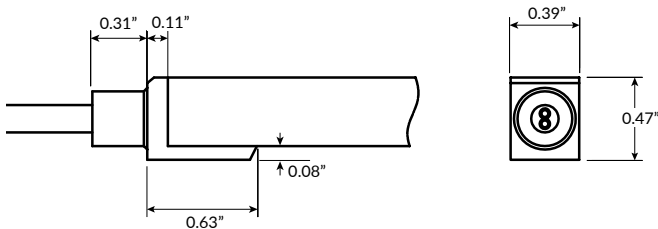
Square Mini Profile / Top Bending / Silicone / High Output

POWER FEED & TERMINATION OPTIONS (IP68)



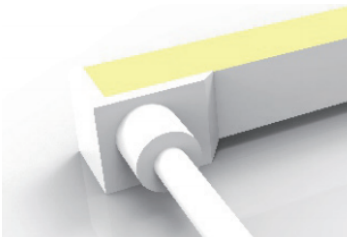
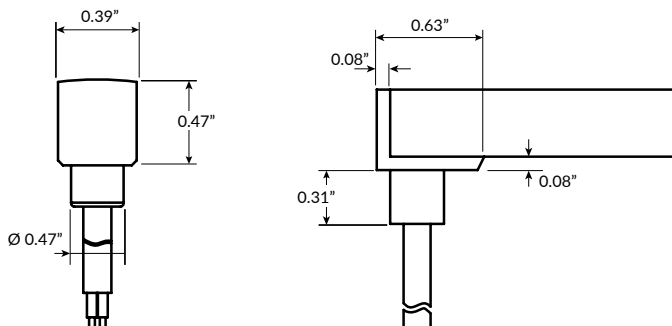
End Power Feed

SERIES	LENGTH
LLI-NM-68-PWR2-EF	39IN 118IN 196IN 393IN



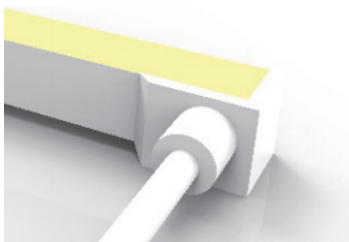
Rear Power Feed

SERIES	LENGTH
LLI-NM-68-PWR2-RF	39IN 118IN 196IN 393IN



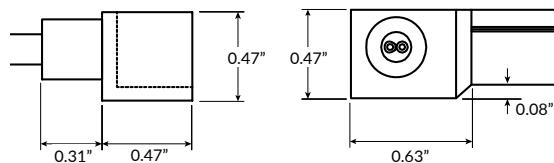
Side Right Power Feed

SERIES	SIDE	LENGTH
LLI-NM-68-PWR2	SR	39IN 118IN 196IN 393IN



Side Left Power Feed

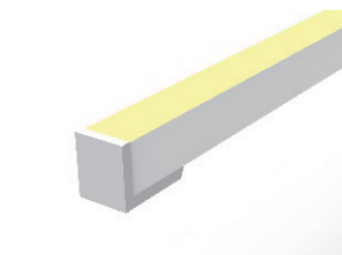
SERIES	SIDE	LENGTH
LLI-NM-68-PWR2	SL	39IN 118IN 196IN 393IN



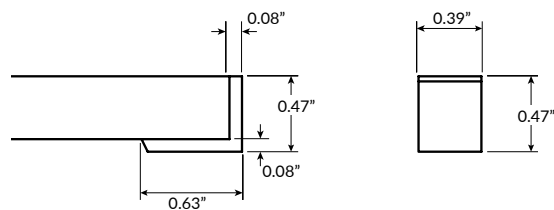
STATIC WHITE LED NEON - 24V

Square Mini Profile / Top Bending / Silicone / High Output

POWER FEED & TERMINATION OPTIONS (IP68)



End Cap
SERIES
LLI-NM-68-EC



Jumper Power Connector (maximum 4 per run)
SERIES SIDE LENGTH (L)
LLI-NM-68-CON2 — —
SR 12IN
SL 39IN
EF 118IN
RF 196IN
393IN



OVERALL LENGTH / SEGMENT POINT GUIDE

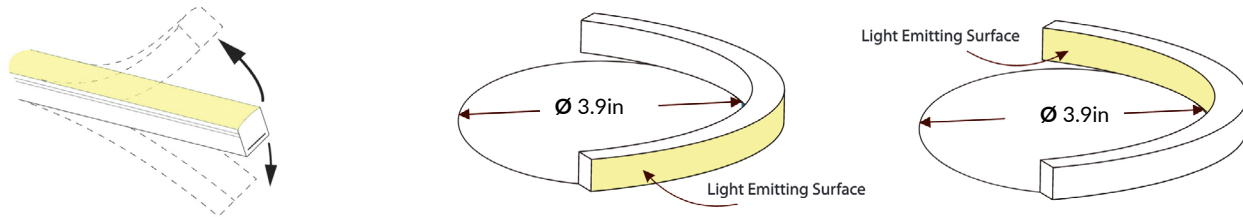
Dimension tolerance of $\pm 1/8"$. Measurements listed below apply to Side Feed and Rear Feed Neon only. Add 1" to measurements below for End Feed Neon. Measurements below do not include area required for routing power wire. Add 1" distance to layout to account for routing end feed power wire. This product expands and contracts in varying ambient temperatures. If butting Neon end-to-end, add 1/2" to 1" gap between sections for expansion.

13.1"	16.4"	19.6"	23.0"	26.3"	29.5"	32.8"	36.0"	39.4"	42.6"	45.9"	49.3"
52.5"	55.8"	59.0"	62.4"	65.6"	68.9"	72.1"	75.4"	78.8"	82.0"	85.3"	88.5"
91.9"	95.1"	98.4"	101.6"	105.0"	108.3"	111.5"	114.8"	118.0"	121.4"	124.6"	127.9"
131.3"	134.5"	137.8"	141.0"	144.4"	147.6"	150.9"	154.1"	157.4"	160.8"	164.0"	167.3"
170.5"	173.9"	177.1"	180.4"	183.6"	187.0"	190.3"	193.5"	196.8"	200.0"	203.4"	206.6"
209.9"	213.3"	216.5"	219.8"	223.0"	226.4"	229.6"	232.9"	236.1"	239.4"	242.8"	246.0"
249.3"	252.5"	255.9"	259.1"	262.4"	265.6"	269.0"	272.3"	275.5"	278.8"	282.0"	285.4"
288.6"											

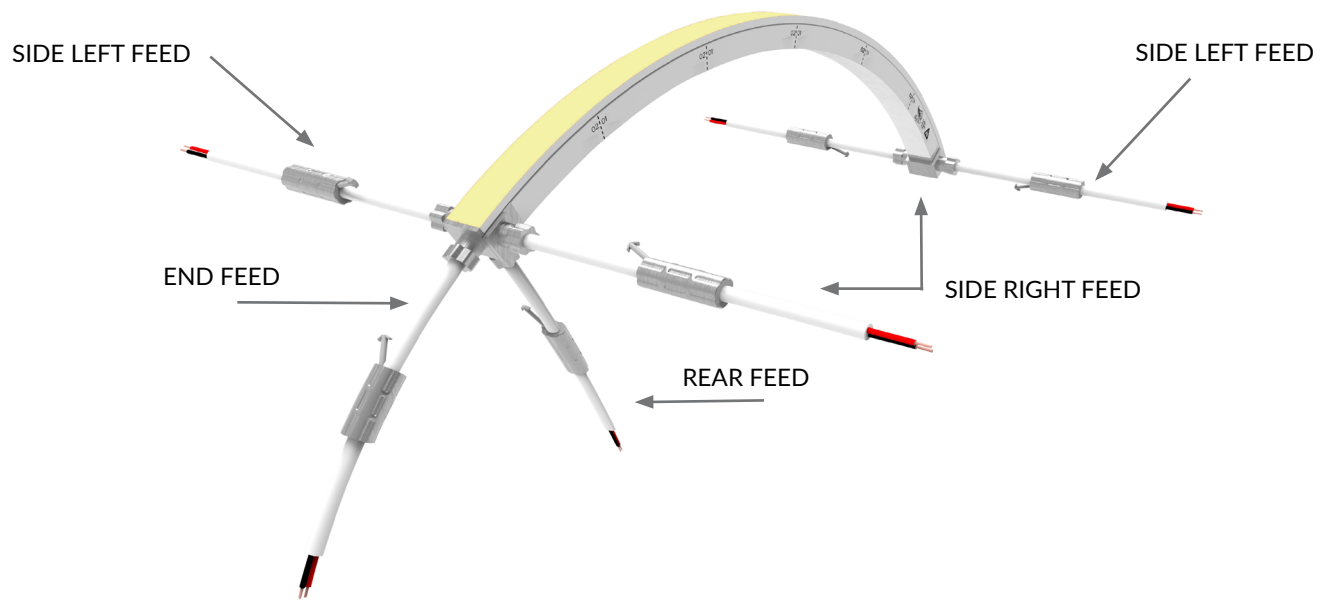
STATIC WHITE LED NEON - 24V

Square Mini Profile / Top Bending / Silicone / High Output

ORIENTATION & MINIMUM BEND DIAMETER



POWER FEED ORIENTATION GUIDE



STATIC WHITE LED NEON - 24V

Square Mini Profile / Top Bending / Silicone / High Output

MOUNTING CHANNELS (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 finish



Mounting Clip

Part Number: LLI-NM-MCL-1.4IN

Dimensions: 1.38" L x 0.53" H x 0.47" W

Recommended use: 2 mounting clips for every 12in of LED Mini Neon.

20" Mounting Channel

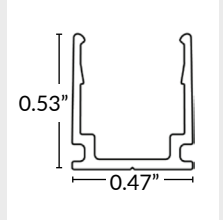
Part Number: LLI-NM-EXT-20IN

Dimensions: 20" L x 0.53" H x 0.47" W

39" Mounting Channel

Part Number: LLI-NM-EXT-39IN

Dimensions: 39" L x 0.53" H x 0.47" W



SILICONE GRIP ALUMINUM MOUNTING CHANNEL

Silver anodized finish



Mounting Clip

Part Number: LLI-NM-MCL-SG-0.8IN

Dimensions: 0.79" L x 0.55" H x 0.56" W

Recommended use: 2 mounting clips for every 12in of LED Mini Neon.

20" Mounting Channel

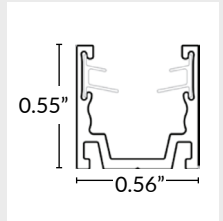
Part Number: LLI-NM-EXT-SG-20IN

Dimensions: 20" L x 0.55" H x 0.56" W

39" Mounting Channel

Part Number: LLI-NM-EXT-SG-39IN

Dimensions: 39" L x 0.55" H x 0.56" W



RECESSED ALUMINUM MOUNTING CHANNEL

Silver anodized finish



Mounting Clip

Part Number: LLI-NM-MCL-R-1.4IN

Dimensions: 1.38" L x 0.52" H x 0.71" W

Recommended use: 2 mounting clips for every 12in of LED Mini Neon.

20" Mounting Channel

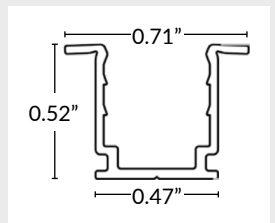
Part Number: LLI-NM-EXT-R-20IN

Dimensions: 20" L x 0.52" H x 0.71" W

39" Mounting Channel

Part Number: LLI-NM-EXT-R-39IN

Dimensions: 39" L x 0.52" H x 0.71" W



STATIC WHITE LED NEON - 24V

Square Mini Profile / Top Bending / Silicone / High Output

MOUNTING CHANNELS (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.

RECESSED SILICONE GRIP ALUMINUM MOUNTING CHANNEL

Silver anodized finish



Mounting Clip

Part Number: LLI-NM-MCL-RSG-0.8IN

Dimensions: 0.79" L x 0.55" H x 0.86" W

Recommended use: 2 mounting clips for every 12in of LED Mini Neon.

20" Mounting Channel

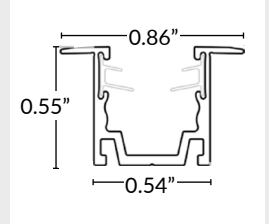
Part Number: LLI-NM-EXT-RSG-20IN

Dimensions: 20" L x 0.55" H x 0.86" W

39" Mounting Channel

Part Number: LLI-NM-EXT-RSG-39IN

Dimensions: 39" L x 0.55" H x 0.86" W



ADJUSTABLE MOUNTING BRACKET

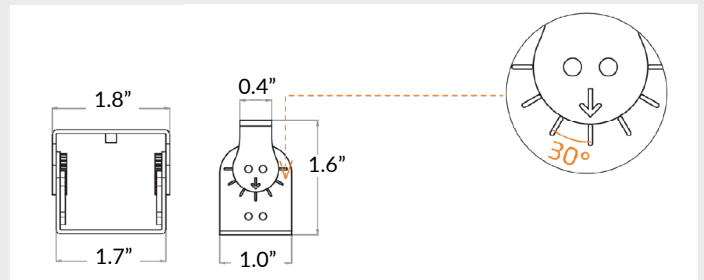
Recommended 3 brackets for every 39" channel

Adjusts in 15° increments, notches every 30°



Part Number: LLI-NM-BKT-ADJ

Dimensions: 1" L x 1.6" H x 1.8" W



SIDE MOUNTING BRACKET

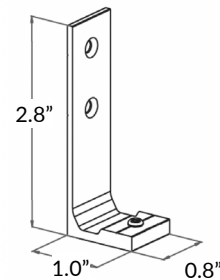
Recommended 2 brackets for every 20" or 39" channel

Not compatible with mounting clips



Part Number: LLI-NM-BKT-90D

Dimensions: 0.8" L x 2.8" H x 1.0" W



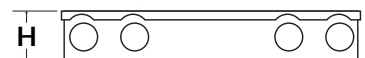
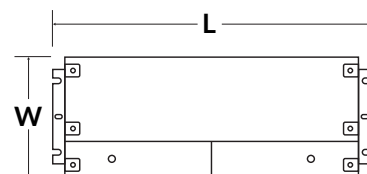
POWER SUPPLIES SOLD SEPARATELY

DIMMABLE ELECTRONIC 0-10V

Optimal performance dims to 0%.*



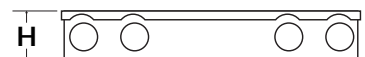
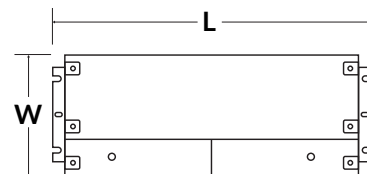
PART NUMBER	CAPACITY	INPUT	OUTPUT	CLASS	LOCATION	L	W	H
LLI-PS-DE010-030W-24V-KO	30W	120V or 277V	24V	CLASS 2	IP66 WET	6.5"	3.6"	1.6"
LLI-PS-DE010-060W-24V-KO	60W	120V or 277V	24V	CLASS 2	IP66 WET	7.4"	3.6"	1.6"
LLI-PS-DE010-096W-24V-KO	96W	120V or 277V	24V	CLASS 2	IP66 WET	8.7"	3.7"	1.7"
LLI-PS-DE010-192W-24V-CL2-KO	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"



NON-DIMMABLE ELECTRONIC



PART NUMBER	CAPACITY	INPUT	OUTPUT	CLASS	LOCATION	L	W	H
LLI-PS-NDE-030W-24V-KO	30W	100-277V	24V	CLASS 2	IP66 WET	6.5"	3.5"	1.02"
LLI-PS-NDE-060W-24V-KO	60W	100-277V	24V	CLASS 2	IP66 WET	7.4"	3.5"	1.2"
LLI-PS-NDE-096W-24V-KO	96W	100-277V	24V	CLASS 2	IP66 WET	8.7"	3.7"	1.7"
LLI-PS-NDE-192W-24V-CL2-KO	2x96W	100-277V	24V	CLASS 2	IP66 WET	10.9"	4.1"	1.9"
LLI-PS-NDE-200W-24V-KO	200W	100-277V	24V	CLASS 1	IP66 WET	10.3"	4.1"	1.8"
LLI-PS-NDE-288W-24V-CL2-KO	3x96W	100-277V	24V	CLASS 2	IP66 WET	11.9"	4.1"	1.9"
LLI-PS-NDE-300W-24V-KO	300W	100-277V	24V	CLASS 1	IP66 WET	10.9"	4.3"	1.8"

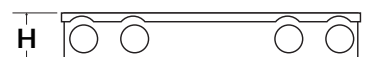
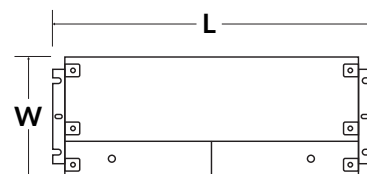


DIMMABLE ELECTRONIC FLICKER-FREE

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"

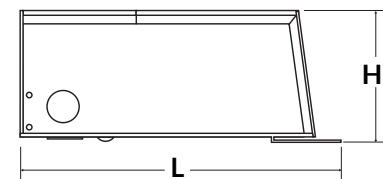
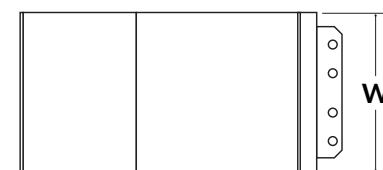


DIMMABLE MAGNETIC

Optimal performance dims to 5-10%.*



PART NUMBER	CAPACITY	INPUT	OUTPUT	CLASS	LOCATION	L	W	H
LLI-PS-DM-020W-24V-KO	20W	120V or 277V	24V	CLASS 2	NEMA 3R WET	7.38"	2.11"	1.60"
LLI-PS-DM-040W-24V-KO	40W	120V or 277V	24V	CLASS 2	NEMA 3R WET	7.38"	2.11"	1.60"
LLI-PS-DM-060W-24V-KO	60W	120V or 277V	24V	CLASS 2	NEMA 3R WET	8.13"	3.93"	1.59"
LLI-PS-DM-100W-24V-KO	100W	120V or 277V	24V	CLASS 2	NEMA 3R WET	8.13"	3.93"	1.59"
LLI-PS-DM-150W-24V-KO	150W	120V or 277V	24V	CLASS 1	NEMA 3R WET	8.79"	4.15"	3.41"
LLI-PS-DM-200W-24V-KO	200W	120V or 277V	24V	CLASS 1	NEMA 3R WET	8.79"	4.15"	3.41"
LLI-PS-DM-300W-24V-KO	300W	120V or 277V	24V	CLASS 1	NEMA 3R WET	8.79"	4.15"	3.41"
LLI-PS-DM-300W-24V-CL2-KO	6 x 50W	120V or 277V	24V	CLASS 2	NEMA 3R WET	10.29"	5.69"	3.43"
LLI-PS-DM-600W-24V-KO	2 x 300W	120V or 277V	24V	CLASS 1	NEMA 3R WET	10.29"	6.79"	4.68"



LUTRON HI-LUME PREMIER 0.1% DIMMABLE ELECTRONIC

Soft-on, Fade-to-Black, continuous flicker-free dimming from 100% to 0.1.



PART NUMBER	CAPACITY	INPUT	OUTPUT	CLASS	LOCATION	L	W	H
L3D0-96W24V-U	96W	120-277V	24V	CLASS 2	IP20 DRY	10.5"	5.5"	2.0"

