Beamever

LINIO NEON 0408X SV

Designer's Custom Playground

Horizontal Bending · Static White

Date

Fixture type

Project name

Project phase

Features

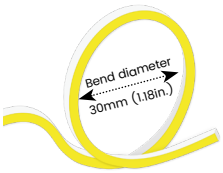
- 4mm wide, slim yet energy-efficient for tight-space accent
- IP65 rated, ideal for damp location and sheltered exterior
- 5 years warranty

Applications

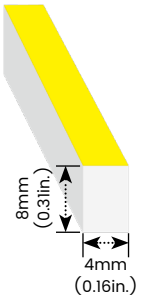
Under cabinets, niches, shelves, closets, millwork, furnitures, etc.

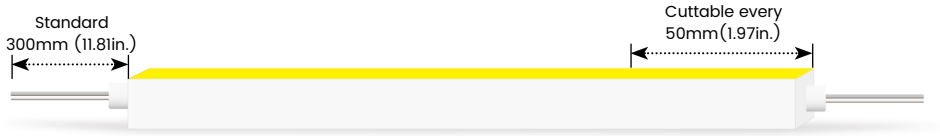


Bending Directions & Diameters



Dimensions





Order Code

Model	Environment	Voltage	CCT	Power	End Cap		Left Feed Entry		
LN0408XSV	**W5**-Wet (IP65)	**24V**-DC24V	**24K**-2400K **27K**-2700K **30K**-3000K **35K**-3500K **40K**-4000K **53K**-5300K	**060**-6W/M	**FT**	Flush Translucent Flush Opaque	**F** Front **C** Closed	**OW** **MC** **FC** **NA**	Open wire 300mm (11.81in.) Male connector with 200mm (7.87in.) cable Female connector with 200mm (7.87in.)cable Only for Closed Feed Entry

Assembly Builder

Right Feed Entry				Length	
F Front **C** Closed	**OW** **MC** **FC** **NA**	Open wire 300mm (11.81in.) Male connector with 200mm (7.87in.) cable Female connector with 200mm (7.87in.)cable Only for Closed Feed Entry		**Max. nominal** **Increment**	5m (16.4ft) 50mm (1.97in.)

*We will list the nearest actual manufacturing length on the quotation, based on your requested length.

Mounting Order Code

Product Code
Please select on the Mounting Options page

LINIO NEON 0408X SV

Horizontal Bending · Static White

Lumen Output (lm/m)

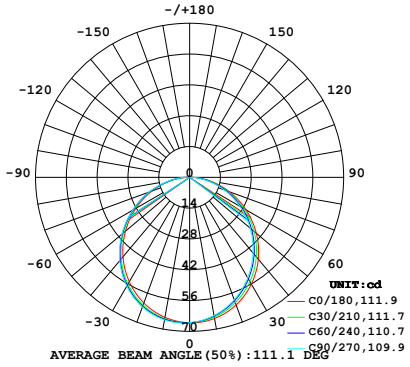
CCT	6W/M
2400K	164
2700K	178
3000K	190
3500K	194
4000K	198
5300K	190
Max. Run Length	5m

Techinical Details

Efficacy	31.7lm/W @3000K 6W
CRI	Ra≥90
LED MacAdam	3 steps
IK Rating	IK07(With Aluminium Profile)
Average Life (L80B10)	>56,000 hours
Storage Temperature	-40°C~ 55°C
Operating Temperature	-40°C~ 55°C

Photometry

LN0408XSV-W5-24V-30K-060-FT-F-OW-F-OW
LINIO NEON 0408X SV, Horizontal bend, 3000K, 6W/M



Zonal Lumen Summary

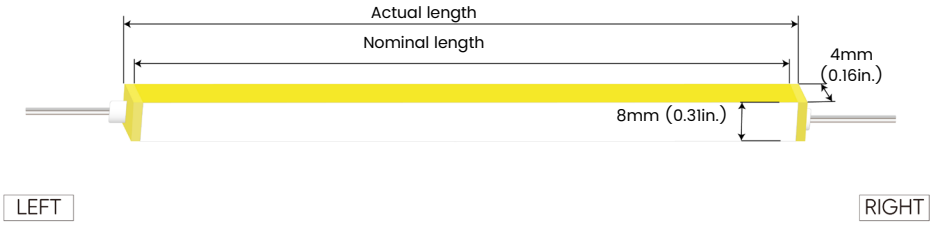
Zone	Lumen	% Fixture
0-30	51.0	26.8%
0-40	83.2	43.8%
0-60	146.4	77.0%
0-90	189.0	99.4%
0-180	190.1	100.0%

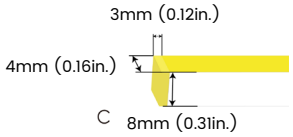
LINIO NEON 0408X SV

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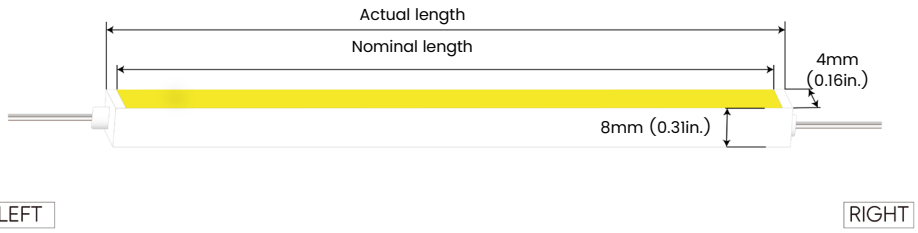
Feed Entry / End Cap Options

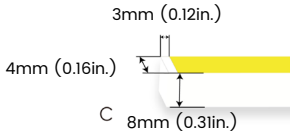
FT: Flush Translucent – IP54, factory-made only



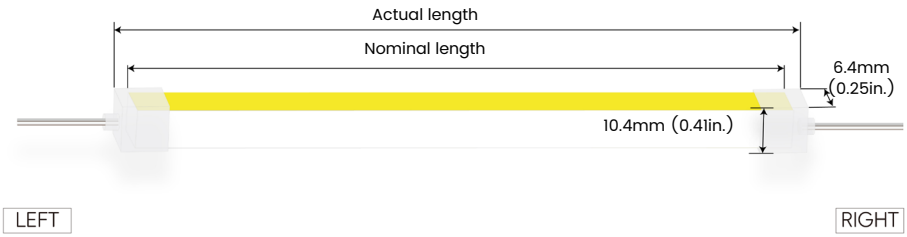


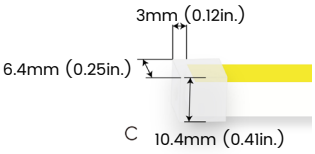
FO: Flush Opaque – IP54, factory-made only





Silicone end cap – IP65, for field cuttable only

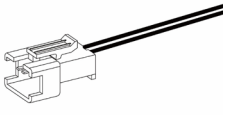




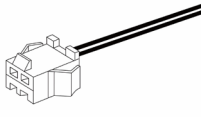
Connector Wire Options



OW: Open wire, **Dry only**
Standard 300mm (11.81in.), 24 AWG,
wire length customizable

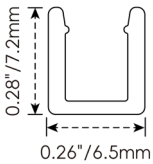


MC: Male connector, **Dry**
Standard 200mm (7.87in.), 24 AWG



FC: Female connector, **Dry**
Standard 200mm (7.87in.), 24 AWG

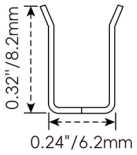
Mounting Options



NF0408-SC

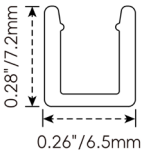
Name	Straight surface channel
Material	Aluminum
Standard Length	1m (3.28ft)



NF0408-BC

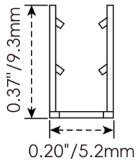
Name	Bendable surface channel
Material	Stainless Steel
Standard Length	1m (3.28ft)
Min. Bending Diameter	30mm(1.18in.)
*Not suitable for upside-down installation	



NF0408-CL

Name	Mounting clip
Material	Aluminum
Standard Length	15mm(0.59in.)



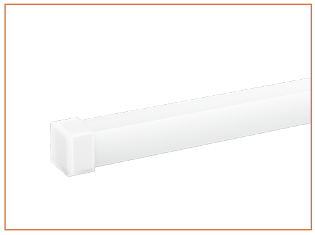
NF0408-CLS

Name	Mounting clip
Material	Stainless Steel
Standard Length	20.8mm(0.82in.)

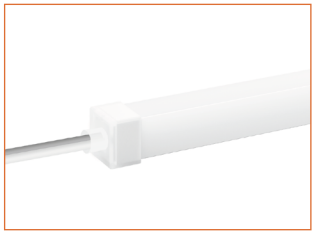
LINIO NEON 0408X SV

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Silicone End Caps (Optional, purchase for extra)

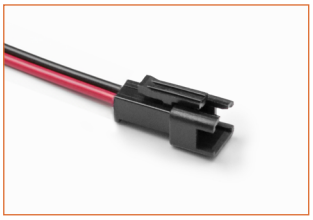


NF0408-SEC-C
Silicone closed end cap

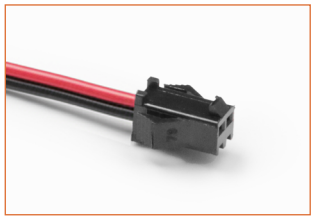


NF0408-SEC-F-2P
Silicone end cap front entry with 300mm (11.81in.) cable, 2 pin

Additional Accessories (Optional, purchase for extra)



MC-2P-20
Male connector,
200mm (7.87in.) red&black cable,
2 pin, IP20, 24 AWG



FC-2P-20
Female connector,
200mm (7.87in.) red&black cable,
2 pin, IP20, 24 AWG



ADJS
1 Adjustable Angle Scissors Set,
with 4 Spare Blades

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Horizontal Bending · Static White

Drivers

Non-dimmable

Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24A-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm
LRS-150-24	150W	85-132VAC / 170-264VAC	24V	Dry	159 * 97 * 30 mm

3 in 1-dimmable

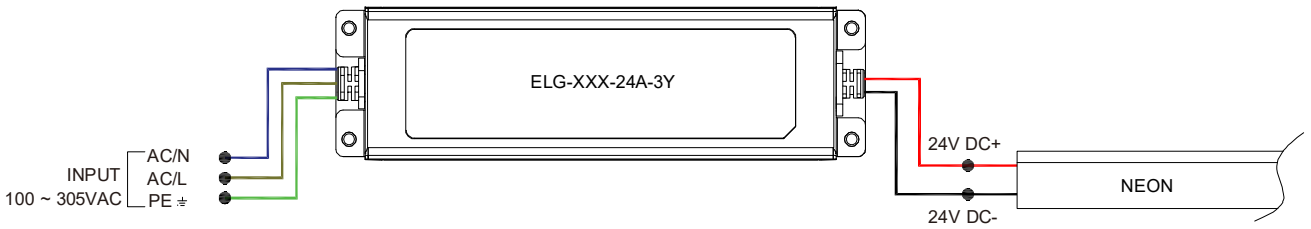
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24B-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

DALI-dimmable

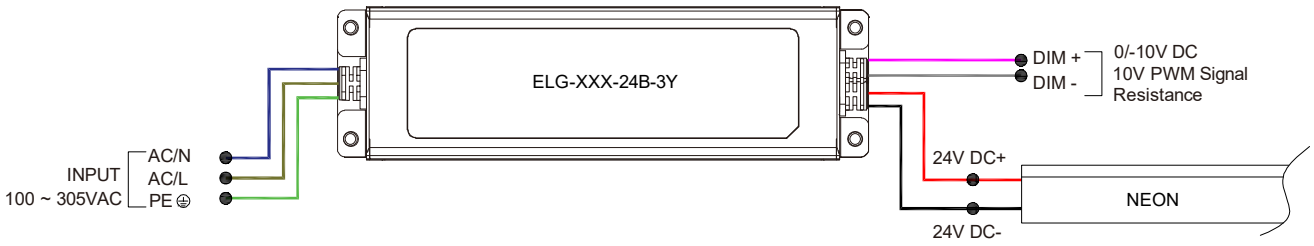
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24DA-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

Wiring Diagram

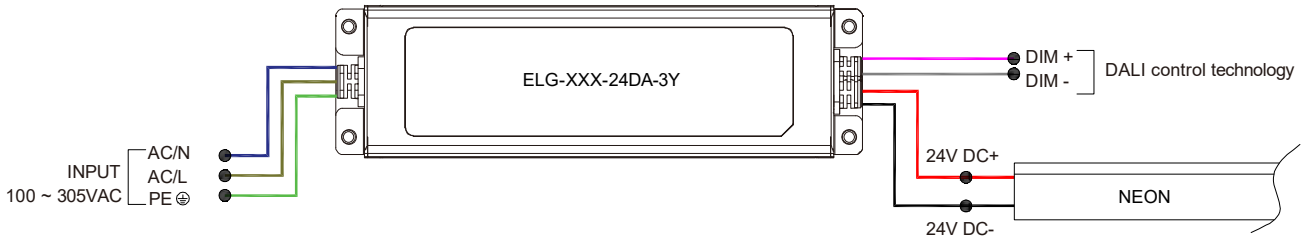
Non-dimmable



3 in 1-dimmable



DALI-dimmable



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24V Voltage Drop & Maximum Wire Length Chart

Based on 24V voltage with a 3% voltage drop allowance. Indicates the maximum wire length from the power supply to the start of the run.

Total load	8AWG	10AWG	12AWG	14AWG	16AWG	18AWG	20AWG	22AWG
10W / 0.4A	484.0m	304.5m	191.4m	120.4m	75.5m	47.5m	29.8m	18.5m
20W / 0.8A	242.0m	152.1m	95.7m	60.0m	37.8m	23.7m	14.9m	9.1m
30W / 1.3A	161.2m	101.5m	63.7m	39.9m	24.9m	15.8m	9.7m	6.1m
40W / 1.7A	121.0m	75.9m	47.8m	29.8m	18.9m	11.8m	7.3m	4.5m
50W / 2.1A	96.6m	60.6m	38.1m	24.0m	14.9m	9.4m	5.7m	3.6m
60W / 2.5A	80.4m	50.6m	31.7m	19.8m	12.5m	7.9m	4.8m	3.0m
70W / 2.9A	68.8m	43.2m	27.1m	17.0m	10.6m	6.7m	4.2m	2.4m
80W / 3.3A	60.3m	37.8m	23.7m	14.9m	9.4m	5.7m	3.6m	2.1m
90W / 3.8A	53.6m	33.8m	21.0m	13.1m	8.2m	5.1m	3.0m	1.8m
100W / 4.2A	48.1m	30.1m	18.9m	11.8m	7.3m	4.5m	2.7m	1.8m
110W / 4.6A	43.8m	27.4m	17.3m	10.6m	6.7m	4.2m	2.7m	1.5m
120W / 5.0A	40.2m	25.3m	15.8m	9.7m	6.1m	3.9m	2.4m	1.5m
130W / 5.4A	37.1m	23.1m	14.6m	9.1m	5.7m	3.6m	2.1m	1.2m
140W / 5.8A	34.4m	21.6m	13.4m	8.5m	5.1m	3.3m	2.1m	1.2m
150W / 6.3A	32.0m	20.1m	12.5m	7.9m	4.8m	3.0m	1.8m	1.2m
160W / 6.7A	30.1m	18.9m	11.8m	7.3m	4.5m	2.7m	1.8m	0.9m
170W / 7.1A	28.3m	17.6m	10.9m	7.0m	4.2m	2.7m	1.5m	0.9m
180W / 7.5A	26.8m	16.7m	10.3m	6.7m	3.9m	2.4m	1.5m	0.9m
190W / 7.9A	25.3m	15.8m	10.0m	6.0m	3.9m	2.4m	1.5m	0.9m
200W / 8.3A	24.0m	14.9m	9.4m	5.7m	3.6m	2.1m	1.2m	0.9m
210W / 8.8A	22.8m	14.3m	8.8m	5.4m	3.3m	2.1m	1.2m	0.6m
220W / 9.2A	21.9m	13.7m	8.5m	5.4m	3.3m	2.1m	1.2m	0.6m
230W / 9.6A	21.0m	13.1m	8.2m	5.1m	3.0m	1.8m	1.2m	0.6m
240W / 10.0A	20.1m	12.5m	7.9m	4.8m	3.0m	1.8m	1.2m	0.6m
250W / 10.4A	19.2m	12.1m	7.6m	4.5m	2.7m	1.8m	0.9m	0.6m