Beamever

Designer's Custom Playground

LINIO NEON 0408X SV TW

Horizontal Bending · Tunable White

Features

- 0.16in. slim profile & Tunable white from 2700K to 6000K
- IP65 rated, ideal for damp location and sheltered exterior
- 5 years warranty

Date

Fixture type

Project name

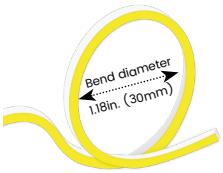
Project phase

Applications

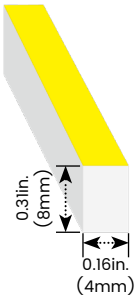
Under cabinets, niches, shelves, closets, millwork, furnitures, etc.

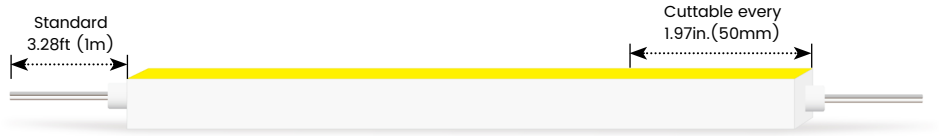


Bending Directions & Diameters



Dimensions





Order Code

Model	Environment	Voltage	CCT	Power	End Cap
LN0408XSV	**W5**-Wet (IP65)	**24V**-DC24V	**27K60K**-2700K+6000K	**1.8**-1.83W/ft	**FT** Flush Translucent **FO** Flush Opaque

Assembly Builder

Left Feed Entry		
F Front	**OW**	Open wire 3.28ft (1m)
C Closed	**MC**	Male connector with 7.87in. (200mm) cable
	FC	Female connector with 7.87in. (200mm)cable
	NA	Only for Closed Feed Entry

Assembly Builder

Right Feed Entry		
F Front	**OW**	Open wire 3.28ft (1m)
C Closed	**MC**	Male connector with 7.87in. (200mm) cable
	FC	Female connector with 7.87in. (200mm)cable
	NA	Only for Closed Feed Entry

Length	
Max. nominal	16.4ft (5m)
Increment	1.97in. (50mm)

Mounting Order Code

Product Code
Please select on the Mounting Options page

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

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Lumen Output (lm/ft)

CCT	1.83W/ft
2700K	48
6000K	50
2700K+6000K	49
Max. Run for Class 2*	16.4ft (5m)
Max. Run Supported Length	16.4ft (5m)

*Typically installations in USA and Canada comply with Class 2 requirements

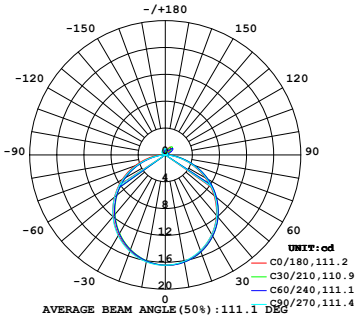
Techinical Details

Efficacy	27lm/W @2700K+6000K 1.83W
CRI	Ra≥90
LED MacAdam	3 steps
Average Life (L80B10)	>47,000 hours
Storage Temperature	-40°F~140°F (-40°C~ 60°C)
Operating Temperature	-40°F~131°F (-40°C~ 55°C)

Photometry

LN0408XSV-W5-24V-27K60K-1.8-FT-F-OW-F-OW

LINIO NEON 0408X SV TW, Horizontal bend, 2700K+6000K, 1.83W/ft



Zonal Lumen Summary

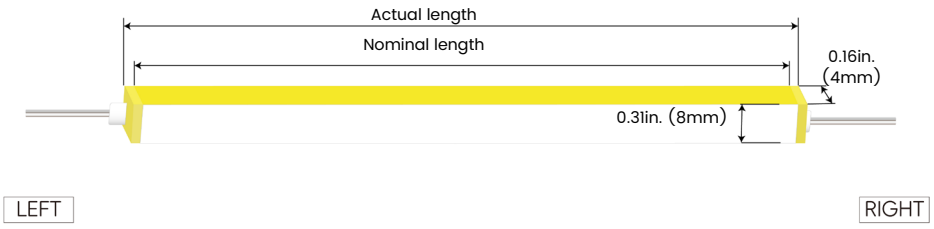
Zone	Lumen	% Fixture
0-30	12.7	25.9%
0-40	20.8	42.4%
0-60	36.6	74.7%
0-90	46.5	95.1%
0-180	49.0	100.0%

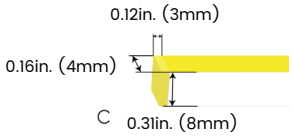
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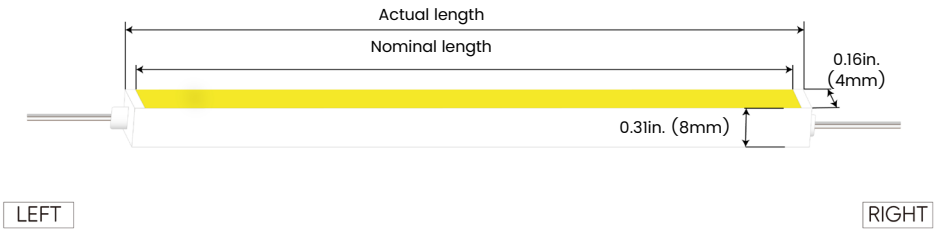
Feed Entry / End Cap Options

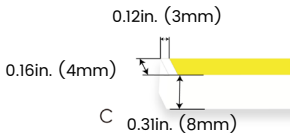
FT: Flush Translucent – IP54, factory-made only



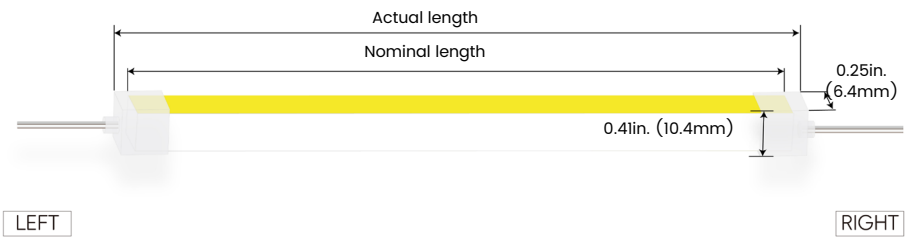


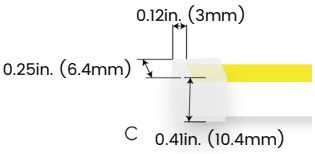
FO: Flush Opaque – IP54, factory-made only





Silicone end cap – IP65, for field cuttable only

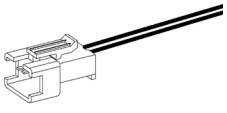




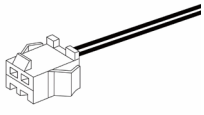
Connector Wire Options



OW: Open wire, **Dry only**
Standard 3.28ft (1m), 24 AWG,
wire length customizable



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

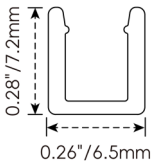


FC: Female connector, **Dry**
Standard 7.87in. (200mm), 24 AWG

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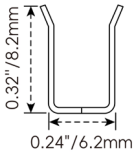
Mounting Options



NF0408-SC

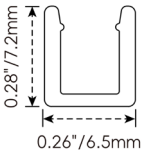
Name	Straight surface channel
Material	Aluminum
Standard Length	3.28ft (1m)



NF0408-BC

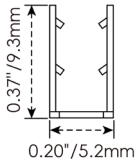
Name	Bendable surface channel
Material	Stainless Steel
Standard Length	3.28ft (1m)
Min. Bending Diameter	1.18in.(30mm)
*Not suitable for upside-down installation	



NF0408-CL

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



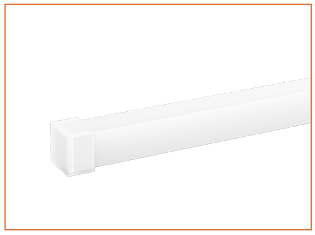
NF0408-CLS

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

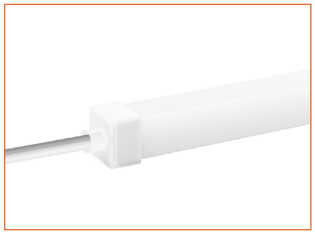
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Silicone End Caps (Optional, purchase for extra)

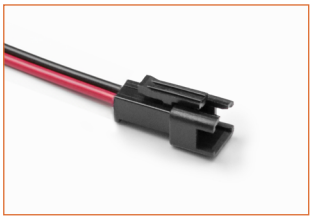


NF0408-SEC-C
Silicone closed end cap

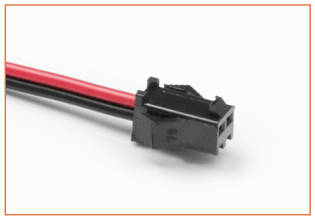


NF0408-SEC-F-2P
Silicone end cap front entry with 11.81in. (300mm) cable, 2 pin

Additional Accessories (Optional, purchase for extra)



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



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



ADJS
1 Adjustable Angle Scissors Set,
with 4 Spare Blades

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Drivers

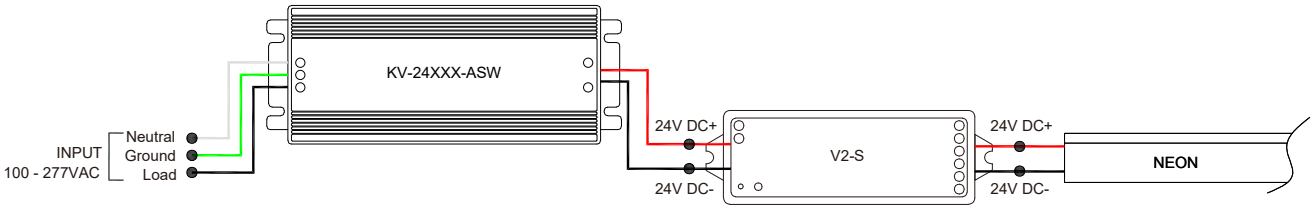
Non-dimmable

Code	Max Load	Input	Output	Class 2	With Junction Box	Environment	Size (L x W x H)
KV-24030-ASW	30W	100-277VAC	24V	Yes	No	Dry/Damp	6.1 x 2.1 x 0.8in. (155 x 54 x 20mm)
KV-24060-ASW	60W	100-277VAC	24V	Yes	No	Dry/Damp	7 x 2.4 x 0.9in. (178 x 61 x 24mm)
KV-24096-ASW	96W	100-277VAC	24V	Yes	No	Dry/Damp/Wet	9.1 x 2.8 x 1.7in. (230 x 70 x 43mm)

Controllers

Type	Code	Description	Size (L x W x H)
Controllers	V2-S & R7-1	2 Colors 2 Wires LED Strip Controller, compatible with R7-1 CCT remote, CE certified	44.72 × 1.69 × 1.06 in. (120 × 43 × 27 mm)

Wiring Diagram



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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	1588ft (484.0m)	999ft (304.5m)	628ft (191.4m)	395ft (120.4m)	248ft (75.5m)	156ft (47.5m)	98ft (29.8m)	61ft (18.5m)
20W / 0.8A	794ft (242.0m)	499ft (152.1m)	314ft (95.7m)	197ft (60.0m)	124ft (37.8m)	78ft (23.7m)	49ft (14.9m)	30ft (9.1m)
30W / 1.3A	529ft (161.2m)	333ft (101.5m)	209ft (63.7m)	131ft (39.9m)	82ft (24.9m)	52ft (15.8m)	32ft (9.7m)	20ft (6.1m)
40W / 1.7A	397ft (121.0m)	249ft (75.9m)	157ft (47.8m)	98ft (29.8m)	62ft (18.9m)	39ft (11.8m)	24ft (7.3m)	15ft (4.5m)
50W / 2.1A	317ft (96.6m)	199ft (60.6m)	125ft (38.1m)	79ft (24.0m)	49ft (14.9m)	31ft (9.4m)	19ft (5.7m)	12ft (3.6m)
60W / 2.5A	264ft (80.4m)	166ft (50.6m)	104ft (31.7m)	65ft (19.8m)	41ft (12.5m)	26ft (7.9m)	16ft (4.8m)	10ft (3.0m)
70W / 2.9A	226ft (68.8m)	142ft (43.2m)	89ft (27.1m)	56ft (17.0m)	35ft (10.6m)	22ft (6.7m)	14ft (4.2m)	8ft (2.4m)
80W / 3.3A	198ft (60.3m)	124ft (37.8m)	78ft (23.7m)	49ft (14.9m)	31ft (9.4m)	19ft (5.7m)	12ft (3.6m)	7ft (2.1m)
90W / 3.8A	176ft (53.6m)	111ft (33.8m)	69ft (21.0m)	43ft (13.1m)	27ft (8.2m)	17ft (5.1m)	10ft (3.0m)	6ft (1.8m)
100W / 4.2A	158ft (48.1m)	99ft (30.1m)	62ft (18.9m)	39ft (11.8m)	24ft (7.3m)	15ft (4.5m)	9ft (2.7m)	6ft (1.8m)
110W / 4.6A	144ft (43.8m)	90ft (27.4m)	57ft (17.3m)	35ft (10.6m)	22ft (6.7m)	14ft (4.2m)	9ft (2.7m)	5ft (1.5m)
120W / 5.0A	132ft (40.2m)	83ft (25.3m)	52ft (15.8m)	32ft (9.7m)	20ft (6.1m)	13ft (3.9m)	8ft (2.4m)	5ft (1.5m)
130W / 5.4A	122ft (37.1m)	76ft (23.1m)	48ft (14.6m)	30ft (9.1m)	19ft (5.7m)	12ft (3.6m)	7ft (2.1m)	4ft (1.2m)
140W / 5.8A	113ft (34.4m)	71ft (21.6m)	44ft (13.4m)	28ft (8.5m)	17ft (5.1m)	11ft (3.3m)	7ft (2.1m)	4ft (1.2m)
150W / 6.3A	105ft (32.0m)	66ft (20.1m)	41ft (12.5m)	26ft (7.9m)	16ft (4.8m)	10ft (3.0m)	6ft (1.8m)	4ft (1.2m)
160W / 6.7A	99ft (30.1m)	62ft (18.9m)	39ft (11.8m)	24ft (7.3m)	15ft (4.5m)	9ft (2.7m)	6ft (1.8m)	3ft (0.9m)
170W / 7.1A	93ft (28.3m)	58ft (17.6m)	36ft (10.9m)	23ft (7.0m)	14ft (4.2m)	9ft (2.7m)	5ft (1.5m)	3ft (0.9m)
180W / 7.5A	88ft (26.8m)	55ft (16.7m)	34ft (10.3m)	22ft (6.7m)	13ft (3.9m)	8ft (2.4m)	5ft (1.5m)	3ft (0.9m)
190W / 7.9A	83ft (25.3m)	52ft (15.8m)	33ft (10.0m)	20ft (6.0m)	13ft (3.9m)	8ft (2.4m)	5ft (1.5m)	3ft (0.9m)
200W / 8.3A	79ft (24.0m)	49ft (14.9m)	31ft (9.4m)	19ft (5.7m)	12ft (3.6m)	7ft (2.1m)	4ft (1.2m)	3ft (0.9m)
210W / 8.8A	75ft (22.8m)	47ft (14.3m)	29ft (8.8m)	18ft (5.4m)	11ft (3.3m)	7ft (2.1m)	4ft (1.2m)	2ft (0.6m)
220W / 9.2A	72ft (21.9m)	45ft (13.7m)	28ft (8.5m)	18ft (5.4m)	11ft (3.3m)	7ft (2.1m)	4ft (1.2m)	2ft (0.6m)
230W / 9.6A	69ft (21.0m)	43ft (13.1m)	27ft (8.2m)	17ft (5.1m)	10ft (3.0m)	6ft (1.8m)	4ft (1.2m)	2ft (0.6m)
240W / 10.0A	66ft (20.1m)	41ft (12.5m)	26ft (7.9m)	16ft (4.8m)	10ft (3.0m)	6ft (1.8m)	4ft (1.2m)	2ft (0.6m)
250W / 10.4A	63ft (19.2m)	40ft (12.1m)	25ft (7.6m)	15ft (4.5m)	9ft (2.7m)	6ft (1.8m)	3ft (0.9m)	2ft (0.6m)