

Beamever

LINIO NEON 0408X SV TW

Designer's Custom Playground

Horizontal Bending - Tunable White

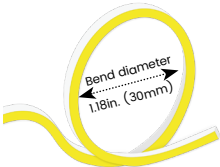
Features

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

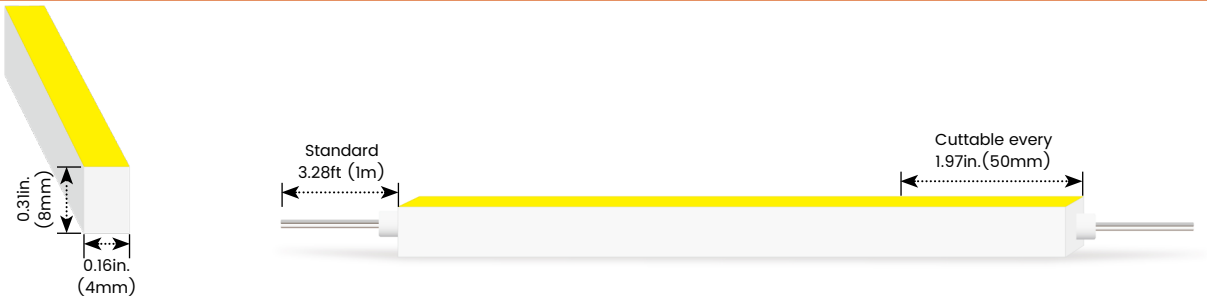
Applications

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	27K60K-2700K+6000K	1.8-1.83W/ft	FT Flush Translucent FO Flush Opaque	F Front C Closed	OW Open wire 3.28ft (1m) MC Male connector with 7.87in. (200mm) cable FC Female connector with 7.87in. (200mm)cable NA Only for Closed Feed Entry

Assembly Builder

Assembly Builder

Right Feed Entry			Length	
F Front	OW	Open wire 3.28ft (1m)	Max. nominal	16.4ft (5m)
C Closed	MC	Male connector with 7.87in. (200mm) cable	Increment	1.97in. (50mm)
	FC	Female connector with 7.87in. (200mm)cable		
	NA	Only for Closed Feed Entry		

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)

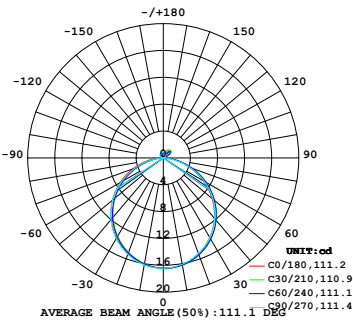
*Typically installations in USA and Canada comply with Class 2 requirements

Technical 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

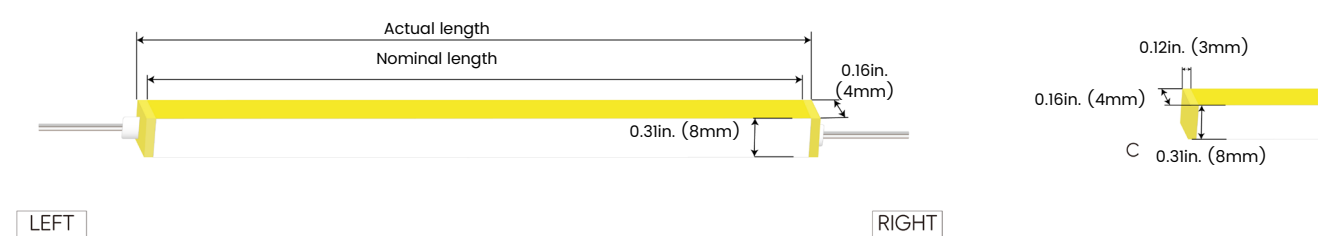
LN0408XSV-W5-24V-27K60K-1.8-FT-F-OW-F-OW
LINIO NEON 0408X SV TW, Horizontal bend, 2700K+6000K, 1.83W/ft



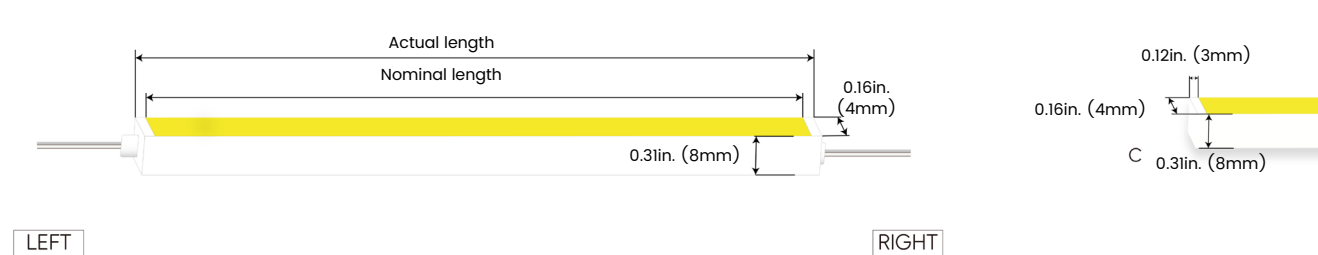
Zonal Lumen Summary		
Zone	Lumen	% Fixture
0-30	12.7	25.9%
0-40	20.8	42.4%
0-60	36.6	74.7%
0-90	46.5	95.1%
0-180	49.0	100.0%

Feed Entry / End Cap Options

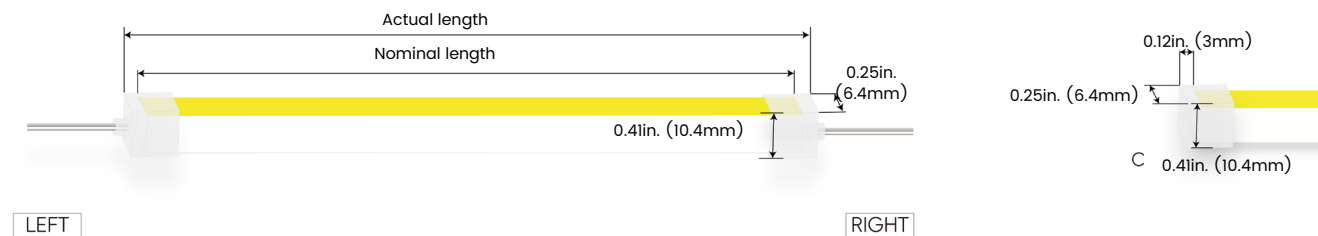
FT: Flush Translucent – IP54, factory-made only



FO: Flush Opaque – IP54, factory-made only



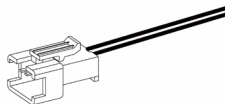
Silicone end cap – IP65, for field cuttable only



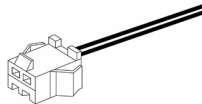
Connector Wire Options



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

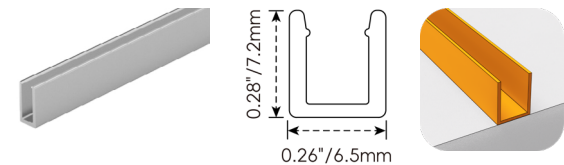


MC: Male connector, **Dry**
Standard 7.87in. (200mm), 24 AWG

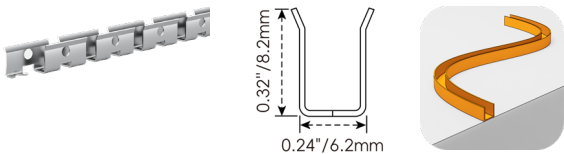


FC: Female connector, **Dry**
Standard 7.87in. (200mm), 24 AWG

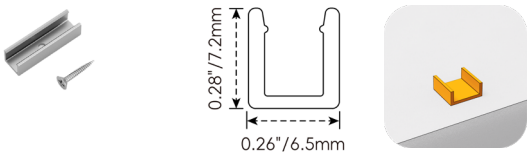
Mounting Options



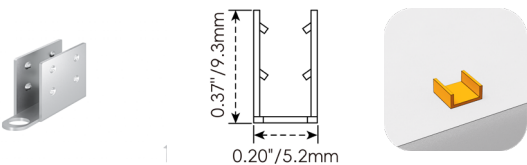
NF0408-SC	
Name	Straight surface channel
Material	Aluminum
Standard Length	3.28ft (1m)



NF0408-BC	
Name	Bendable surface channel
Material	Stainless Steel
Standard Length	19.69in. (500mm)
Min. Bending Diameter	1.18in. (30mm)
*Not suitable for upside-down installation	

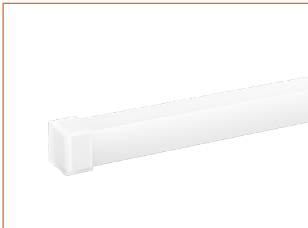


NF0408-CL	
Name	Mounting clip
Material	Aluminum
Standard Length	0.59in. (15mm)



NF0408-CLS	
Name	Mounting clip
Material	Stainless Steel
Standard Length	0.82in. (20.8mm)

Silicone End Caps (Optional, purchase for extra)

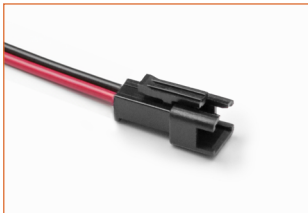


NF0408-SEC-C
Silicone closed end cap



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

Drivers

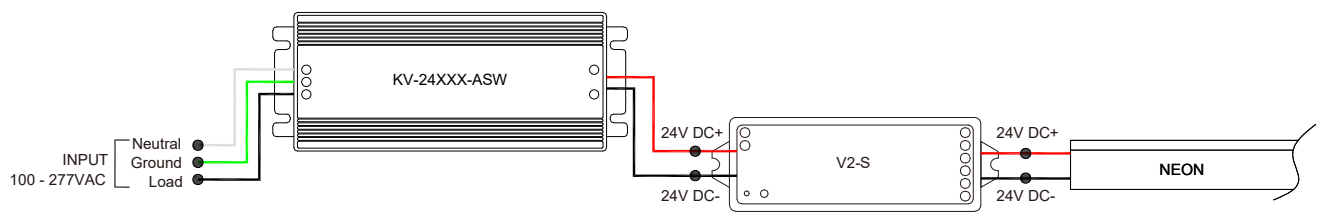
Non-dimmable

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



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)