Beamever

Designer's Custom Playground

LINIO NEON 0606X Static White

Outdoor · Vertical Bending · Horizontal Bending

Features

- 6mm square profile with high-efficiency light output
- IP65 rated, ideal for damp location and sheltered exterior
- 5 years warranty

Date | Fixture type

Project name | Project phase

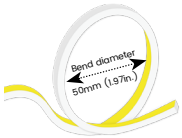
Applications

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

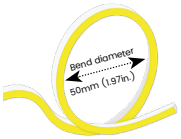




Bending Directions & Diameters

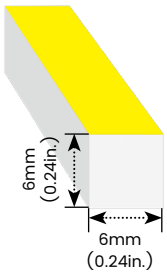


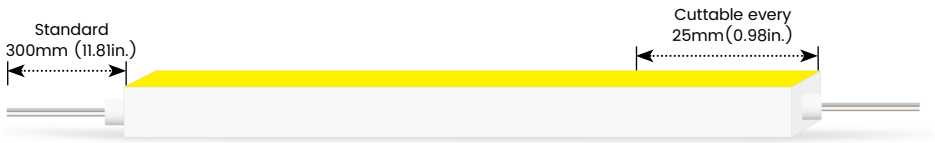
TV - Top View
(Vertical Bending)



SV - Side View
(Horizontal Bending)

Dimensions





Order Code

Model	Environment	Voltage	CCT	Power	End Cap	Left Feed Entry
LN0606XTV **LN0606XSV**	**W5**-Wet (IP65)	**24V**-DC24V	**22K**-2200K **27K**-2700K **30K**-3000K **35K**-3500K **40K**-4000K **57K**-5700K	**060**-6W/M	**FT** Flush Translucent **FO** Flush Opaque **SEC** Silicone	**F** Front **B** Bottom (SEC only) **S** Side (SEC only) **C** Closed

Assembly Builder

Left Feed Entry
OW Open wire 300mm (11.81in.) **MC** Male connector with 200mm (7.87in.) cable **FC** Female connector with 200mm (7.87in.)cable **NA** Only for Closed Feed Entry

Assembly Builder

Right Feed Entry		Length	
F Front **B** Bottom (SEC only) **S** Side (SEC only) **C** Closed	**OW** Open wire 300mm (11.81in.) **MC** Male connector with 200mm (7.87in.) cable **FC** Female connector with 200mm (7.87in.)cable **NA** Only for Closed Feed Entry	**Max. nominal** **Increment**	5m(16.4ft) 25mm(0.98in.)

*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 0606X Static White

Outdoor · Vertical Bending · Horizontal Bending

Lumen Output (lm/m)

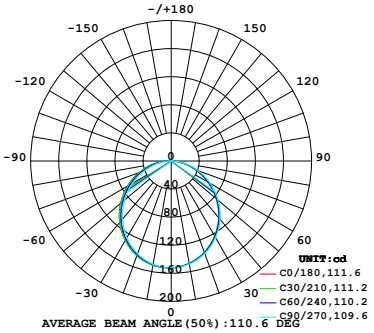
CCT	Vertical Bending	Horizontal Bending
	6W/M	6W/M
2200K	385	256
2700K	418	277
3000K	437	291
3500K	464	308
4000K	476	308
5700K	450	302
Max. Run Length	5m	5m

Techinical Details

Parameter	Vertical Bending	Horizontal Bending
Efficacy	72.8lm/W @3000K 6W	48.5lm/W @3000K 6W
CRI	Ra≥90	Ra≥90
Beam Angle	120°	120°
LED MacAdam	3 steps	3 steps
IK Rating	IK10	IK10
Average Life (L80B10)	>47,000 hours	>47,000 hours
Storage Temperature	-40°C~ 55°C	-40°C~ 55°C
Operating Temperature	-40°C~ 55°C	-40°C~ 55°C

Photometry

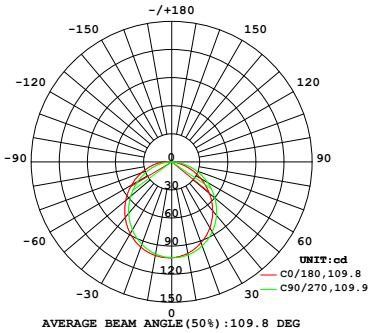
LN0606XTV-W5-24V-30K-060-FT-F-OW-F-OW
LINIO NEON 0606X TV, Vertical bend, 3000K, 6W/M



Zonal Lumen Summary

Zone	Lumen	% Fixture
0-30	117.3	26.9%
0-40	191.3	43.8%
0-60	336.2	77.7%
0-90	433.5	99.3%
0-180	436.7	100.0%

LN0606XSV-W5-24V-30K-060-FT-F-OW-F-OW
LINIO NEON 0606X SV, Horizontal bend, 3000K, 6W/M



Zonal Lumen Summary

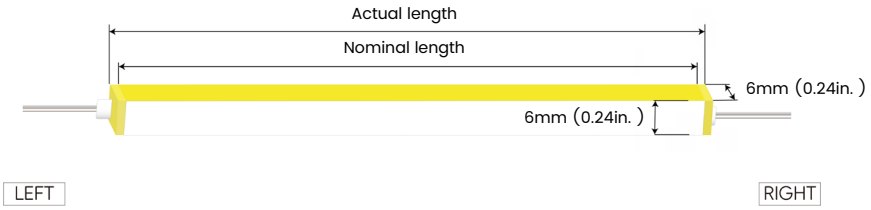
Zone	Lumen	% Fixture
0-30	78.8	27.1%
0-40	128.4	44.1%
0-60	224.9	77.3%
0-90	289.3	99.4%
0-180	291.0	100.0%

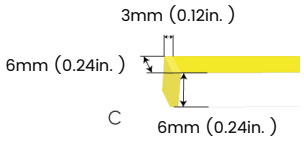
LINIO NEON 0606X Static White

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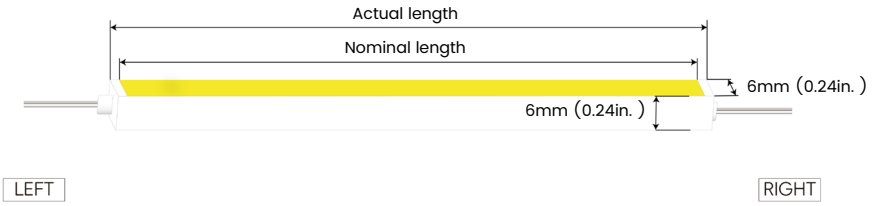
Feed Entry / End Cap Options

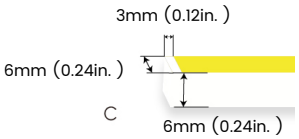
FT: Flush Translucent – IP54, factory-made only



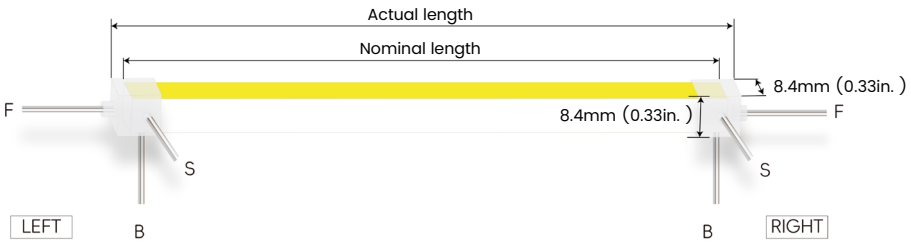


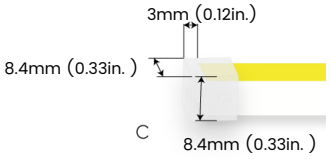
FO: Flush Opaque – IP54, factory-made only





Silicone end cap – IP65, for field cuttable only

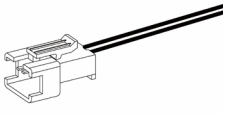




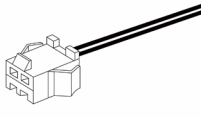
Connector Wire Options



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



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



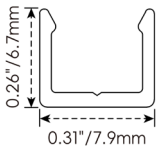
FC: Female connector, **Dry**
Standard 200mm (7.87in.), 24 AWG

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Mounting Options



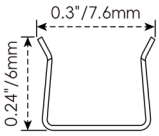




NF0606-SC

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





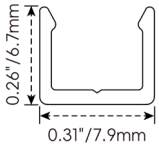




NF0606-BC

Name	Bendable surface channel
Material	Stainless Steel
Standard Length	1m (3.28ft)
Min. Bending Diameter	50mm(1.97in.)
*Not suitable for upside-down installation	





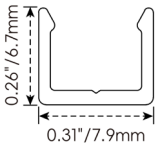




NF0606-BCA

Name	Bendable surface channel
Material	Aluminum
Standard Length	1m (3.28ft)
Min. Bending Diameter	300mm(11.81in.)







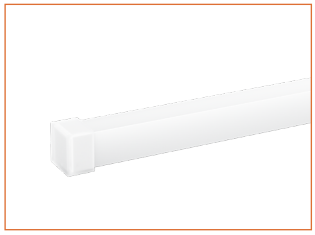
NF0606-CL

Name	Mounting clip
Material	Aluminum
Standard Length	25mm(0.98in.)

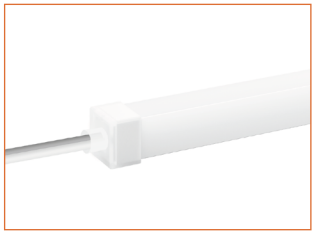
LINIO NEON 0606X Static White

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Silicone End Caps (Optional, purchase for extra)



NF0606-SEC-C
Silicone closed end cap



NF0606-SEC-F-2P
Silicone end cap front entry with 300mm (11.81in.) cable, 2 pin

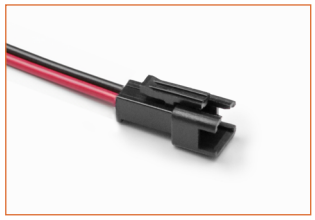


NF0606-SEC-S-2P
Silicone end cap side entry with 300mm (11.81in.) cable, 2 pin

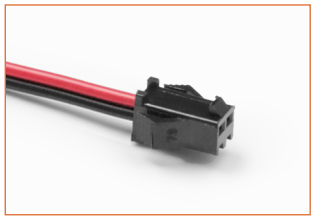


NF0606-SEC-B-2P
Silicone end cap bottom entry with 300mm (11.81in.) cable, 2 pin

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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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

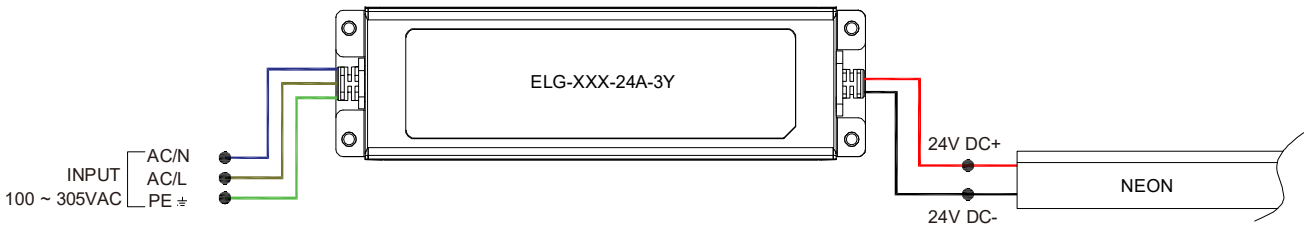
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24B-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

DALI-dimmable

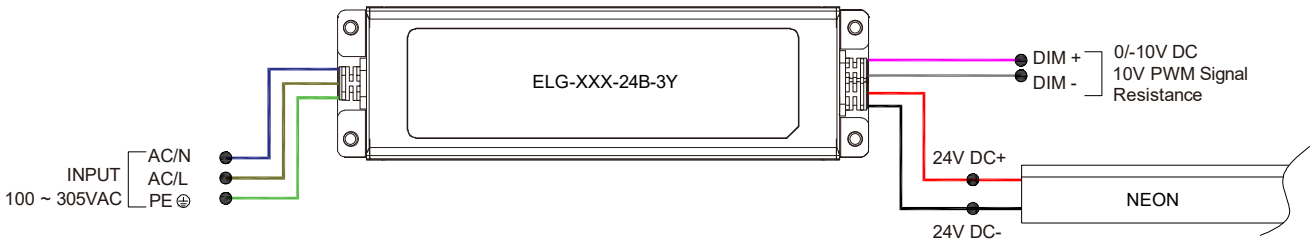
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24DA-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

Wiring Diagram

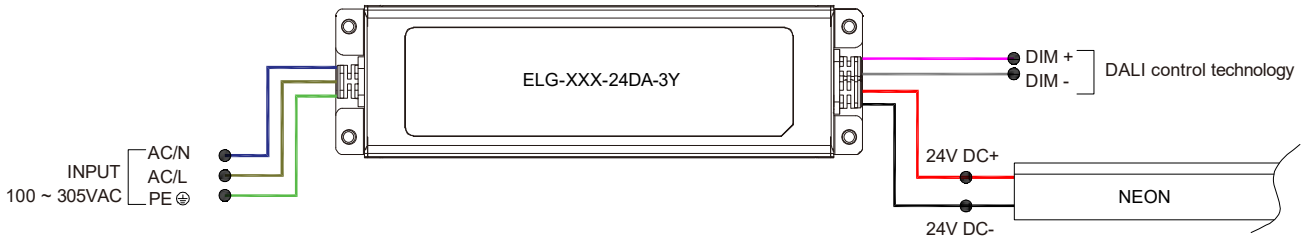
Non-dimmable



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