Beamever

LINIO NEON 1228X SV

Designer's Custom Playground

Horizontal Bending · Static White

Features

- Dome top design, eye-catching from three viewing angles
- IP68 rated, ideal for outdoor uses, not for underwater project
- 5 years warranty

Date

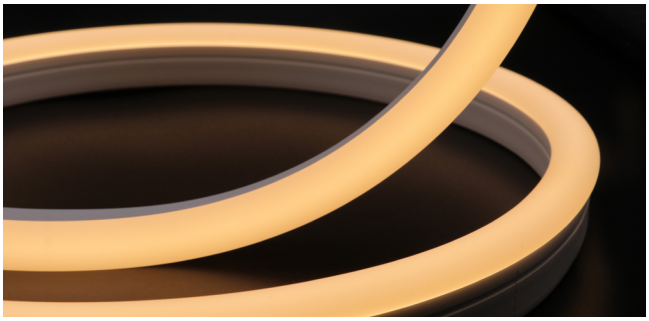
Fixture type

Project name

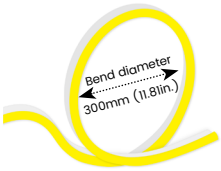
Project phase

Applications

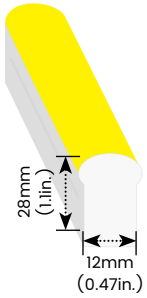
Museums, malls, amusement parks, restaurants, resorts, etc.

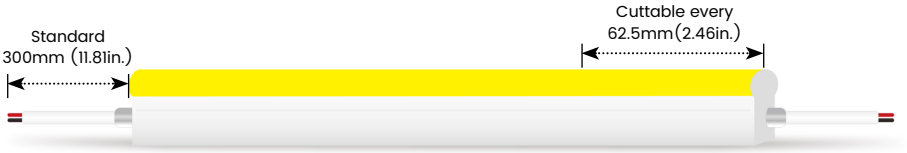


Bending Directions & Diameters



Dimensions





Order Code

Model	Environment	Voltage	CCT	Power	End Cap
LN1228XSV	**W8**-Wet (IP68)	**24V**-DC24V	**22K**-2200K **27K**-2700K **30K**-3000K **35K**-3500K **40K**-4000K **53K**-5300K	**096**-9.6W/M **150**-15W/M	**FT** Flush Translucent **FO** Flush Opaque

Assembly Builder

Left Feed Entry		
F Front	**OW**	Open wire 300mm (11.81in.)
B Bottom	**OA**	Open Wire with Anti-Wicking Ferrule
S Side	**MC**	Male connector with 300mm (11.81in.) cable
C Closed	**FC**	Female connector with 300mm (11.81in.)cable
	NA	Only for Closed Feed Entry

Assembly Builder

Right Feed Entry		
F Front	**OW**	Open wire 300mm (11.81in.)
B Bottom	**OA**	Open Wire with Anti-Wicking Ferrule
S Side	**MC**	Male connector with 300mm (11.81in.) cable
C Closed	**FC**	Female connector with 300mm (11.81in.)cable
	NA	Only for Closed Feed Entry

Length	
Max. nominal	10m (32.8ft)
Increment	62.5mm (2.46in.)

*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 1228X SV

Horizontal Bending · Static White

Lumen Output (lm/m)

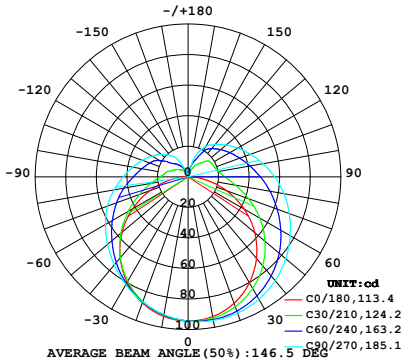
CCT	9.6W/M	15W/M
2200K	375	550
2700K	435	638
3000K	465	682
3500K	472	693
4000K	480	705
5300K	470	690
Max. Run Length	10m	5m

Techinical Details

Efficacy	48.4lm/W @3000K 9.6W
CRI	Ra≥90
LED MacAdam	2 steps
IK Rating	IK10 (with aluminium profile)
Average Life (L80B10)	>54,000 hours
Storage Temperature	-40°C~ 65°C
Operating Temperature	-40°C~ 65°C

Photometry

LN1228XSV-W8-24V-30K-096-FT-F-OW-F-OW
LINIO NEON 1228X SV, Horizontal bend, 3000K, 9.6W/M

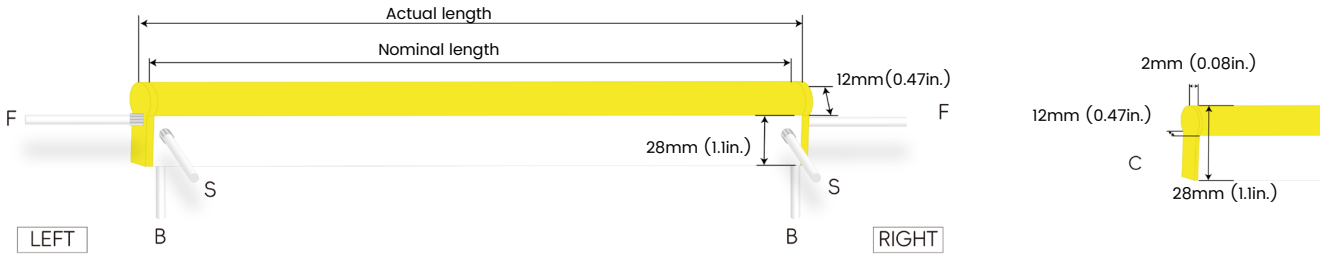


Zonal Lumen Summary

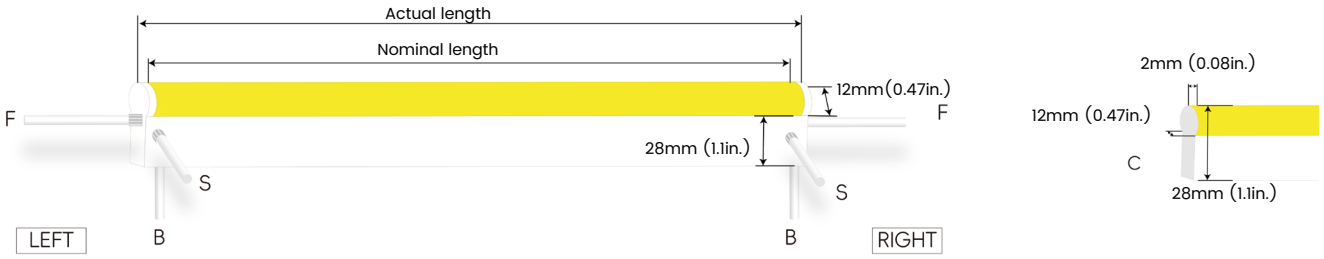
Zone	Lumen	% Fixture
0-30	74.9	15.7%
0-40	124.9	26.1%
0-60	235.3	49.3%
0-90	367.0	76.8%
0-180	477.6	100.0%

Feed Entry / End Cap Options

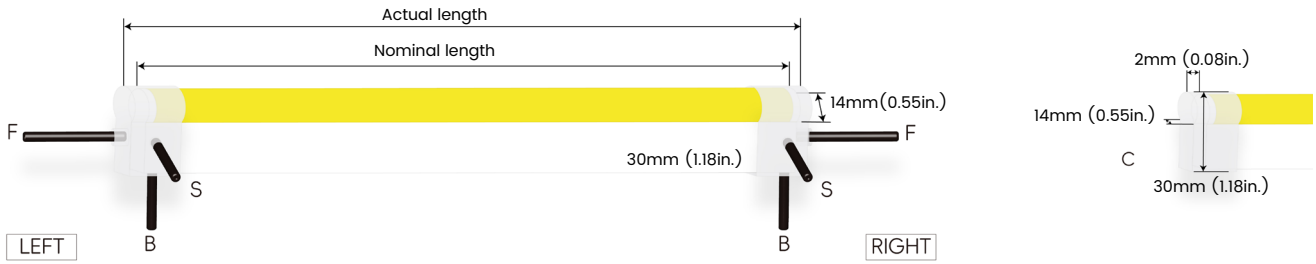
FT: Flush Translucent – IP68, factory-made only



FO: Flush Opaque – IP68, factory-made only



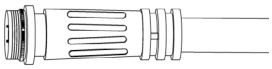
Silicone end cap – IP67, for field cuttable only



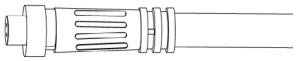
Connector Wire Options



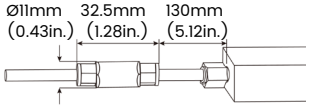
OW: Open wire, **Dry only**
Standard 300mm (11.81in.),20 AWG,
wire length customizable



MC: Male connector, **Wet**
Standard 300mm (11.81in.), 20 AWG

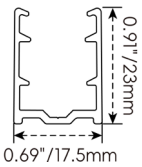


FC: Female connector, **Wet**
Standard 300mm (11.81in.), 20 AWG



OA: Open Wire with **Anti-Wicking Ferrule, Wet**
Standard 300mm (11.81in.),20 AWG,
Protects against water ingress through the power cable

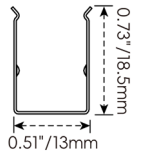
Mounting Options



NF1228-SC

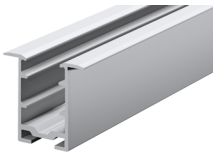
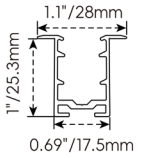
Name	Straight surface channel
Material	Aluminum
Standard Length	1m (3.28ft)



NF1228-BC

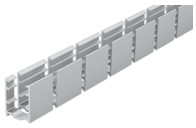
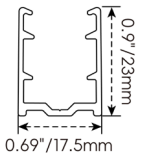
Name	Bendable surface channel
Material	Stainless Steel
Standard Length	1m (3.28ft)
Min. Bending Diameter	300mm(11.81in.)
*Not suitable for upside-down installation	



NF1228-RC

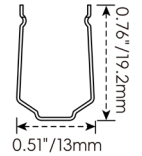
Name	Straight recessed channel
Material	Aluminum
Standard Length	1m (3.28ft)



NF1228-BCA

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



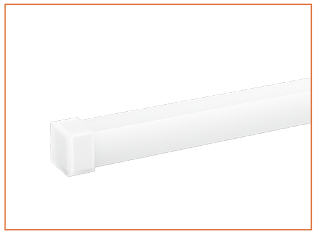
NF1228-CL

Name	Mounting clip
Material	Stainless Steel
Standard Length	20mm(0.79in.)
*Not suitable for upside-down installation	

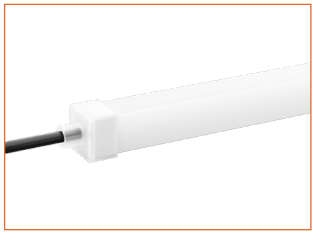
LINIO NEON 1228X SV

Horizontal Bending · Static White

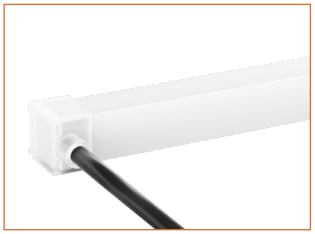
Silicone End Caps (Optional, purchase for extra)



NF1228-SEC-C
Silicone closed end cap



NF1228-SEC-F-2P
Silicone end cap front entry with 300mm (11.81in.) cable, 2 pin



NF1228-SEC-S-2P
Silicone end cap side entry with 300mm (11.81in.) cable, 2 pin



NF1228-SEC-B-2P
Silicone end cap bottom entry with 300mm (11.81in.) cable, 2 pin

Additional Accessories (Optional, purchase for extra)



MCW-2P-67
Male connector,
300mm (11.81in.) white cable,
2 pin, IP67, Wet, 20 AWG



FCW-2P-67
Female connector,
300mm (11.81in.) white cable,
2 pin, IP67, Wet, 20 AWG



MCB-2P-67
Male connector,
300mm (11.81in.) black cable,
2 pin, IP67, Wet, 20 AWG



FCB-2P-67
Female connector,
300mm (11.81in.) black cable,
2 pin, IP67, Wet, 20 AWG



ADJS
1 Adjustable Angle Scissors Set,
with 4 Spare Blades

LINIO NEON 1228X SV

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

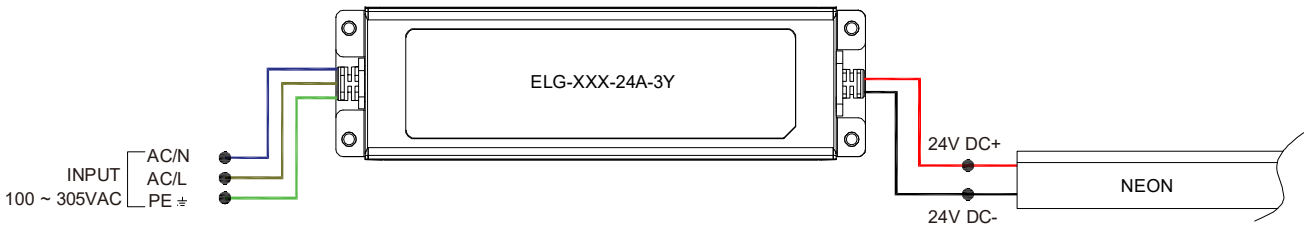
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24B-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

DALI-dimmable

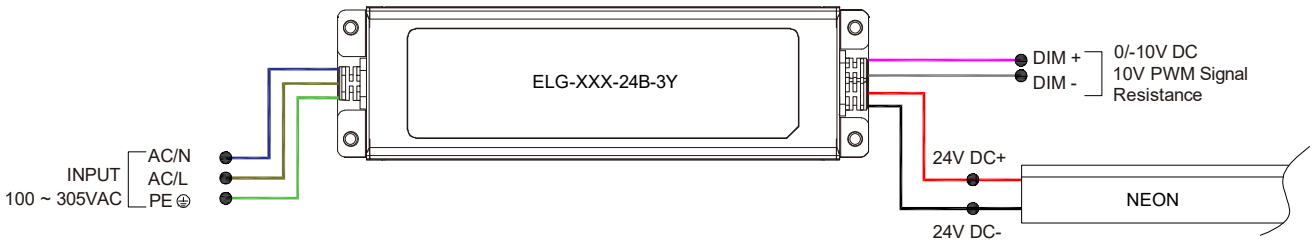
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24DA-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

Wiring Diagram

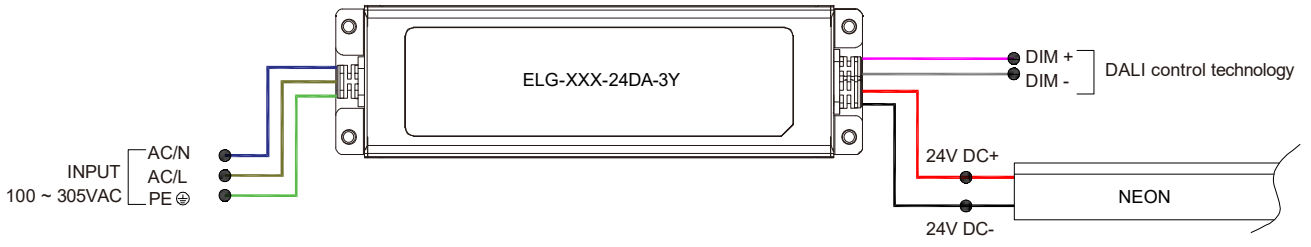
Non-dimmable



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