Beamever

Designer's Custom Playground

LINIO NEON 1617 SPOT Static White

Outdoor · Vertical Bending · Horizontal Bending

Features

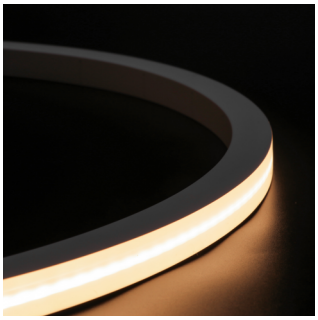
- Symmetric optics, 36° x 80° beam angle for wall washing
- IP68 rated, ideal for outdoor uses, not for underwater project
- 5 years warranty

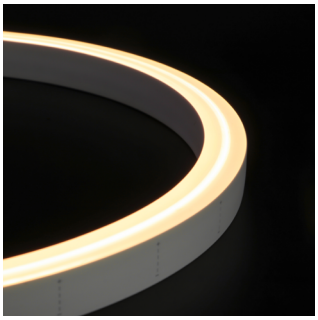
Date | Fixture type

Project name | Project phase

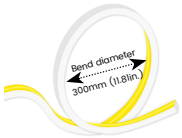
Applications

Front desk, hallways, offices, displays, facades, lobbies, etc.

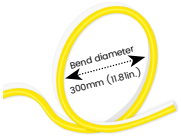




Bending Directions & Diameters

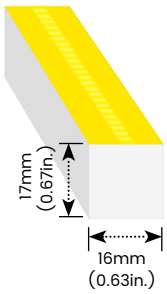


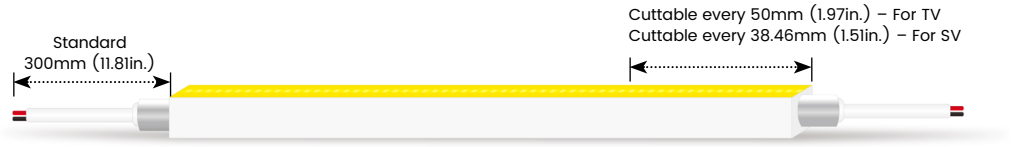
TV - Top View
(Vertical Bending)



SV - Side View
(Horizontal Bending)

Dimensions





Order Code

Model	Environment	Voltage	CCT	Power	End Cap
LN1617TVST **LN1617SVST**	**W8**-Wet (IP68)	**24V**-DC24V	**22K**-2200K **27K**-2700K **30K**-3000K **35K**-3500K **40K**-4000K **50K**-5000K	**180**-18W/M **192**-19.2W/M **220**-22W/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

*LN1617TVST: Available for 19.2W/M & 22W/M.
*LN1617SVST:18W/M only.

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)
*For 19.2W/M	
Max. nominal	5m (16.4ft)
*For 22W/M, 18W/M	
Increment for TV	50mm (1.97in.)
Increment for SV	38.46mm (1.51in.)

*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 1617 SPOT Static White

Outdoor · Vertical Bending · Horizontal Bending

Lumen Output (lm/m)

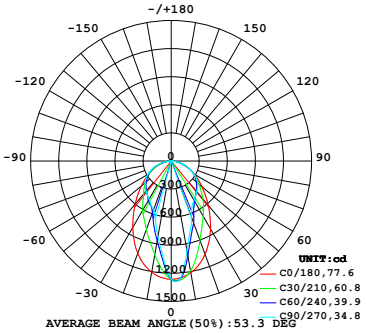
CCT	Vertical Bending		Horizontal Bending
	19.2W/M	22W/M	18W/M
2200K	/	/	1413
2700K	1969	2197	1493
3000K	2035	2265	1588
3500K	2124	2343	1659
4000K	2238	2507	1691
5000K	2168	2417	1556
Max. Run Length	10m	5m	5m

Techinical Details

Parameter	Vertical Bending	Horizontal Bending
Efficacy	112.5lm/W @3000K 19.2W	88.2lm/W @3000K 18W
CRI	Ra≥90	Ra≥90
Beam Angle	36°x 80°	36°x 80°
LED MacAdam	3 steps	3 steps
IK Rating	IK10 (with aluminium profile)	IK09 (with aluminium profile)
Average Life (L70B10)	>37,000 hours	>40,000 hours
Storage Temperature	-40°C~ 65°C	-40°C~ 65°C
Operating Temperature	-40°C~ 65°C	-40°C~ 65°C

Photometry

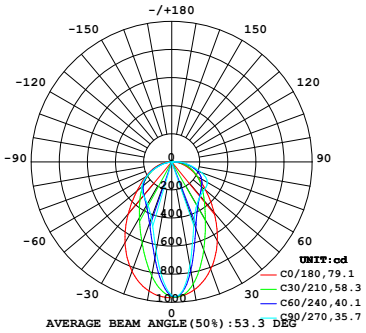
LN1617TST-W8-24V-30K-192-FT-F-OW-F-OW
LINIO NEON 1617 TV SPOT, Vertical bend, 3000K, 19.2W/M



Zonal Lumen Summary

Zone	Lumen	% Fixture
0-30	669.6	32.90%
0-40	1005.0	49.4%
0-60	1627.0	80.0%
0-90	2016.0	99.1%
0-180	2035.0	100.0%

LN1617SVST-W8-24V-30K-180-FT-F-OW-F-OW
LINIO NEON 1617 SV SPOT, Horizontal bend, 3000K, 18W/M



Zonal Lumen Summary

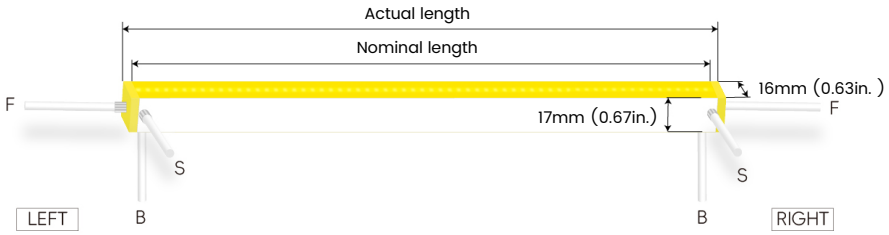
Zone	Lumen	% Fixture
0-30	508.8	32%
0-40	757.6	47.7%
0-60	1229	77.4%
0-90	1568	98.8%
0-180	1588	100%

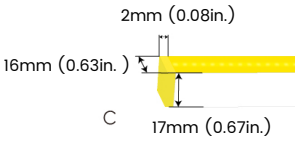
LINIO NEON 1617 SPOT Static White

Outdoor · Vertical Bending · Horizontal Bending

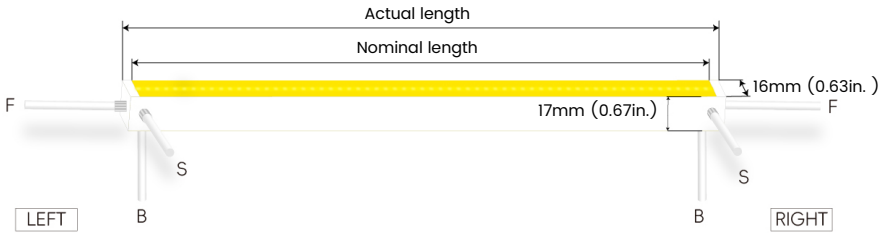
Feed Entry / End Cap Options

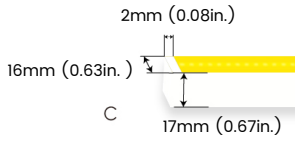
FT: Flush Translucent – IP68, factory-made only



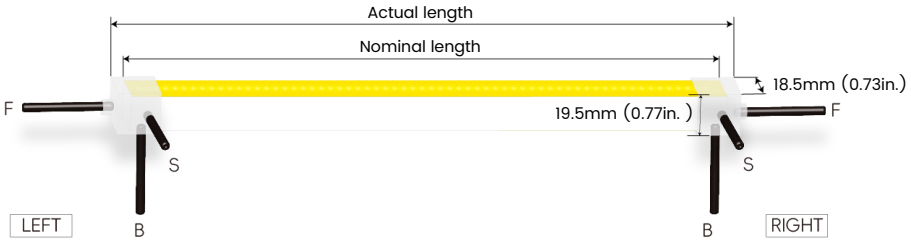


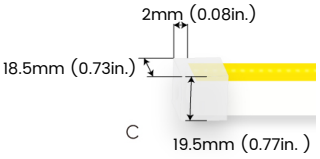
FO: Flush Opaque – IP68, factory-made only





Silicone end cap – IP67, for field cuttable only

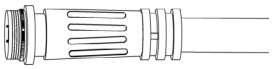




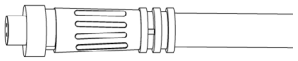
Connector Wire Options



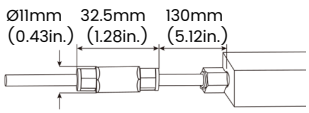
OW: Open wire, **Dry only**
Standard 300mm (11.81in.),18 AWG,
wire length customizable



MC: Male connector, **Wet**
Standard 300mm (11.81in.), 18 AWG



FC: Female connector, **Wet**
Standard 300mm (11.81in.), 18 AWG

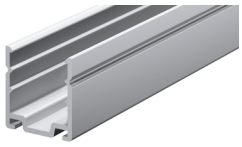
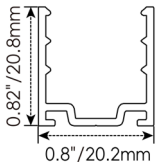


OA: Open Wire with **Anti-Wicking Ferrule, Wet**
Standard 300mm (11.81in.),18 AWG,
Protects against water ingress through the power cable

LINIO NEON 1617 SPOT Static White

Outdoor · Vertical Bending · Horizontal Bending

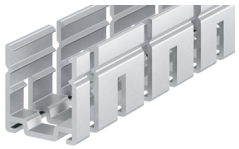
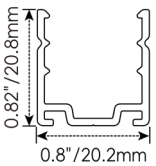
Mounting Options



NF1617-SC

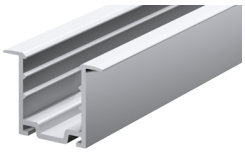
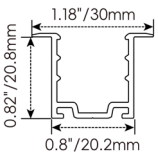
Name	Straight surface channel
Material	Aluminum
Standard Length	1m (3.28ft)




NF1617-BC

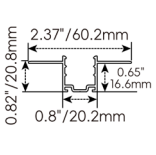
Name	Bendable surface channel
Material	Aluminum
Standard Length	1m (3.28ft)
Min. Bending Diameter	600mm(23.6in.)



NF1617-RC

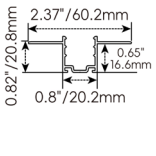
Name	Straight recessed channel
Material	Aluminum
Standard Length	1m (3.28ft)



NF1617-MC

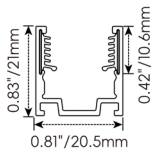
Name	Mud-in channel
Material	Aluminum
Standard Length	1m (3.28ft)




NF1617-BMC

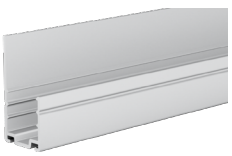
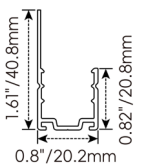
Name	Bendable mud-in channel
Material	Aluminum
Standard Length	1m (3.28ft)
Min. Top Bending Diameter	600mm(23.6in.)
Min. Side Bending Diameter	1600mm(63in.)



NF1617-SCS

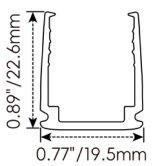
Name	Straight surface channel
Material	Aluminum with silicone groove
Standard Length	1m (3.28ft)



NF1617-LBC

Name	Light-block channel
Material	Aluminum
Standard Length	1m (3.28ft)



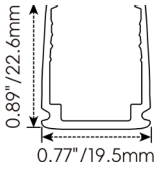
NF1617-PC

Name	PC channel
Material	Polycarbonate
Standard Length	1m (3.28ft)

LINIO NEON 1617 SPOT Static White

Outdoor · Vertical Bending · Horizontal Bending

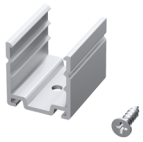
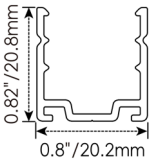
Mounting Options




NF1617-BPC

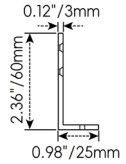
Name	Bendable surface channel
Material	Polycarbonate
Standard Length	1m (3.28ft)
Min. Bending Radius	150mm (5.91in.)



NF1617-CL

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

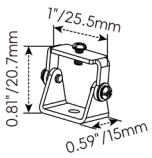






NF1617-LS

Name	L-shaped mounting bracket
Material	Aluminum
Standard Length	20mm(0.79in.)

* NF1617-LS must be installed with NF1617-SC

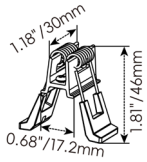



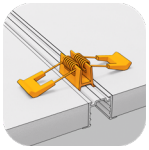



NF1617-AC

Name	Adjustable mounting clip
Material	Stainless steel
Standard Length	25.5mm (1 in.)

* NF1617-AC must be installed with NF1617-SC




NF1617-RC-SPC

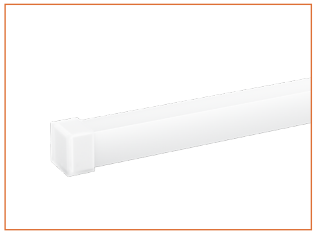
Name	Spring clip
Standard Pkg	1pcs

* NF1617-RC-SPC must be installed with NF1617-RC

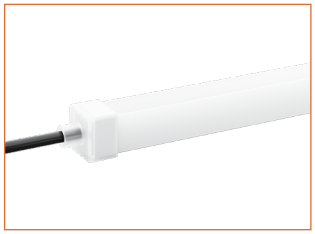
LINIO NEON 1617 SPOT Static White

Outdoor · Vertical Bending · Horizontal Bending

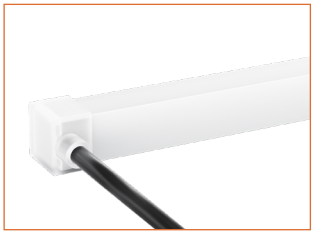
Silicone End Caps (Optional, purchase for extra)



NF1617-SEC-C
Silicone closed end cap



NF1617-SEC-F-2P
Silicone end cap front entry with 300mm (11.81in.) cable, 2 pin



NF1617-SEC-S-2P
Silicone end cap side entry with 300mm (11.81in.) cable, 2 pin



NF1617-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, 18 AWG



FCW-2P-67
Female connector,
300mm (11.81in.) white cable,
2 pin, IP67, Wet, 18 AWG



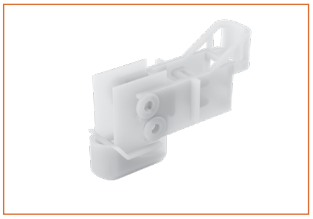
MCB-2P-67
Male connector,
300mm (11.81in.) black cable,
2 pin, IP67, Wet, 18 AWG



FCB-2P-67
Female connector,
300mm (11.81in.) black cable,
2 pin, IP67, Wet, 18 AWG



ADJS
1 Adjustable Angle Scissors Set,
with 4 Spare Blades



NF1617-IT
Installation tool for NF1617-BPC

LINIO NEON 1617 SPOT Static White

Outdoor · Vertical Bending · Horizontal Bending

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

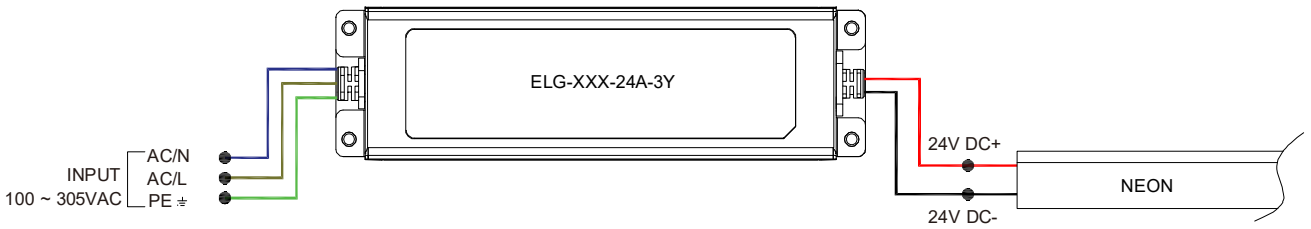
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24B-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

DALI-dimmable

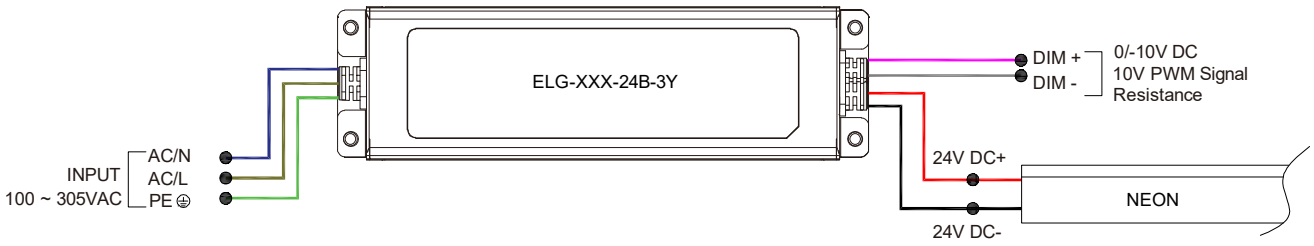
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24DA-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

Wiring Diagram

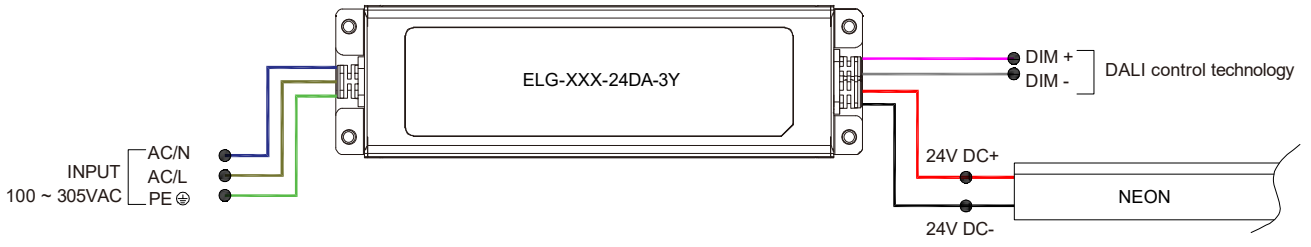
Non-dimmable



3 in 1-dimmable



DALI-dimmable



LINIO NEON 1617 SPOT Static White

Outdoor · Vertical Bending · Horizontal Bending

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