Beamever

Designer's Custom Playground

LINIO NEON 1617 SAUNA Static White

Outdoor · Vertical Bending · Horizontal Bending

Features

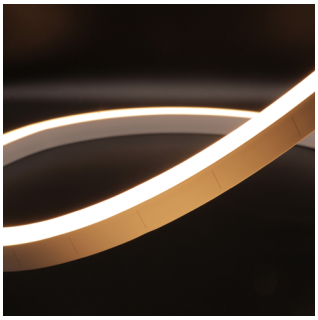
- Heat resistant with smooth diffusion, designed for high end saunas
- IP68 rated, ideal for outdoor uses, not for underwater project
- 3 years warranty

Date | Fixture type

Project name | Project phase

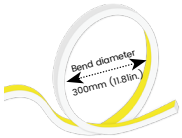
Applications

Saunas, hot springs, bathhouse, resorts, etc.

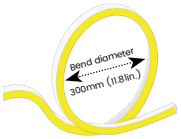




Bending Directions & Diameters

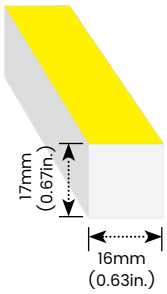


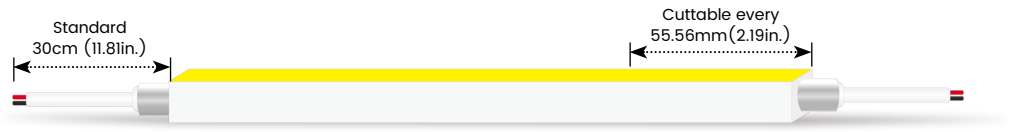
TV - Top View
(Vertical Bending)



SV - Side View
(Horizontal Bending)

Dimensions





Order Code

Model	Environment	Voltage	CCT	Power	End Cap
LN1617TVS **LN1617SVS**	**W8**-Wet (IP68)	**24V**-DC24V	**27K**-2700K **30K**-3000K **35K**-3500K **40K**-4000K **53K**-5300K	**060**-6W/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	55.56mm(2.19in.)

*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

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Lumen Output (lm/m)

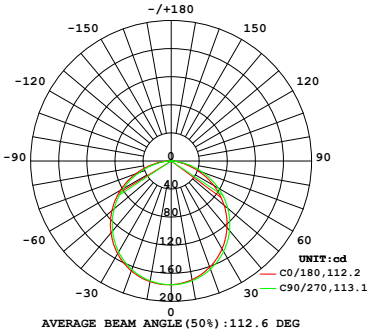
CCT	Vertical Bending	Horizontal Bending
	6W/M	6W/M
2700K	490	360
3000K	510	385
3500K	530	400
4000K	530	400
5300K	530	400
Max. Run Length	10m	10m

Techinical Details

Parameter	Vertical Bending	Horizontal Bending
Efficacy	85lm/W @3000K 6W	64.2lm/W @3000K 6W
CRI	Ra≥90	Ra≥90
Beam Angle	110°	110°
LED MacAdam	3 steps	3 steps
IK Rating	IK10 (with aluminium profile)	IK09
Average Life (L80B10)	>33,000 hours	>33,000 hours
Storage Temperature	-40°C~ 65°C	-40°C~ 65°C
Operating Temperature	-40°C~ 110°C	-40°C~ 110°C

Photometry

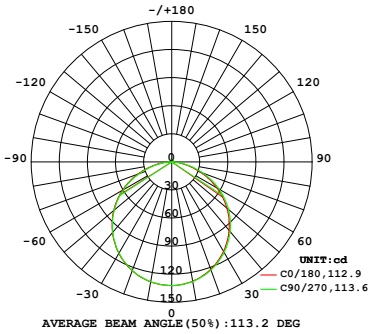
LN1617TVS-W8-24V-30K-060-FT-F-OW-F-OW
LINIO NEON 1617 TV SAUNA, Vertical bend, 3000K, 6W/M



Zonal Lumen Summary

Zone	Lumen	% Fixture
0-30	136.8	26.9%
0-40	224.2	44%
0-60	396.9	78%
0-90	503.3	98.9%
0-180	509.1	100%

LN1617SVS-W8-24V-30K-060-FT-F-OW-F-OW
LINIO NEON 1617 SV SAUNA, Horizontal bend, 3000K, 6W/M



Zonal Lumen Summary

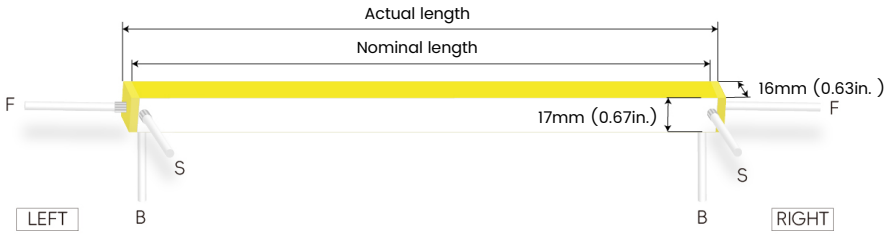
Zone	Lumen	% Fixture
0-30	102.7	26.7%
0-40	168.4	43.8%
0-60	298.7	77.7%
0-90	379.9	98.8%
0-180	384.4	100.0%

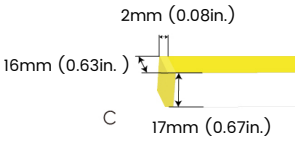
LINIO NEON 1617 SAUNA Static White

Outdoor · Vertical Bending · Horizontal Bending

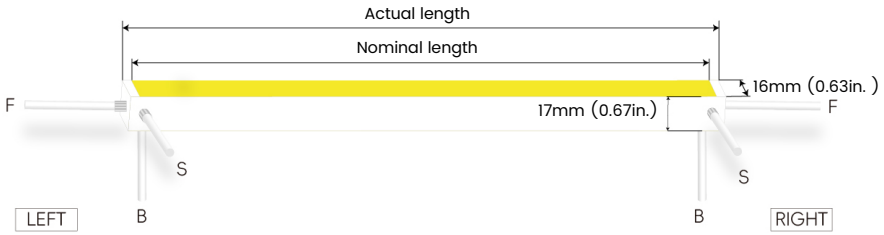
Feed Entry / End Cap Options

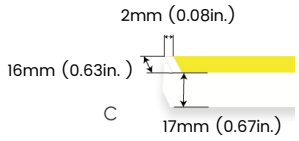
FT: Flush Translucent – IP68, factory-made only



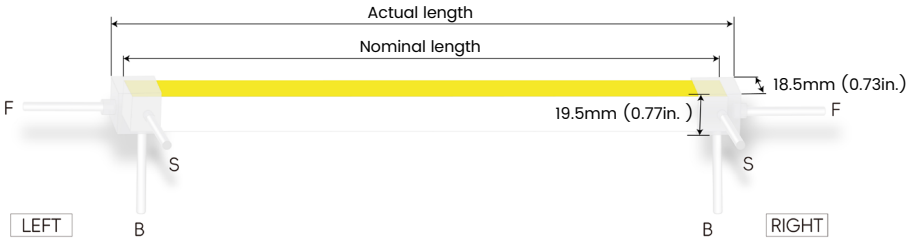


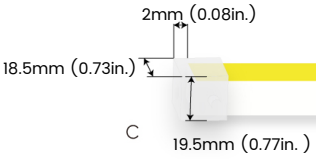
FO: Flush Opaque – IP68, factory-made only





Silicone end cap – IP67, for field cuttable only

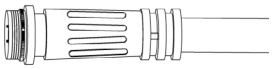




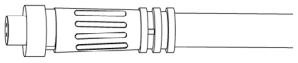
Connector Wire Options



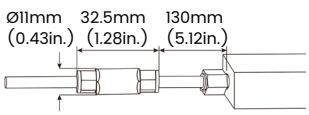
OW: Open wire, **Dry only**
Standard 300mm (11.81in.),18 AWG,
wire length customizable



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



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

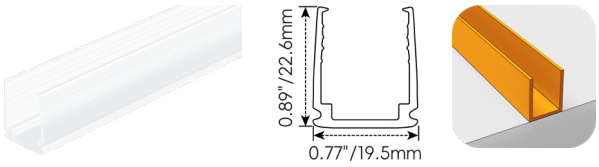


OA: Open Wire with **Anti-Wicking Ferrule, Wet**
Standard 300mm (11.81in.),18 AWG,
Protects against water ingress through the power cable

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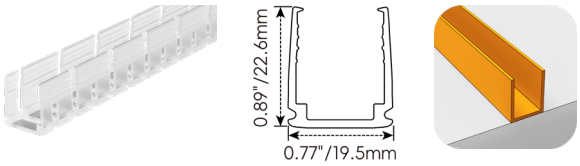
Outdoor · Vertical Bending · Horizontal Bending

Mounting Options



NF1617-PC

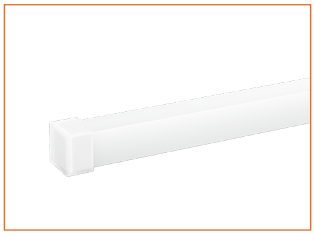
Name	PC channel
Material	Polycarbonate
Standard Length	1m (3.28ft)



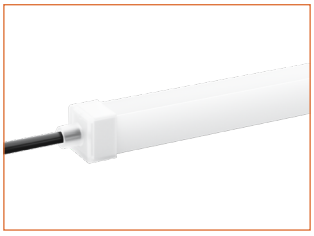
NF1617-BPC

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

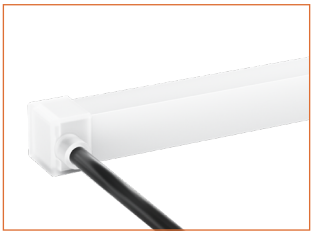
Silicone End Caps (Optional, purchase for extra)



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



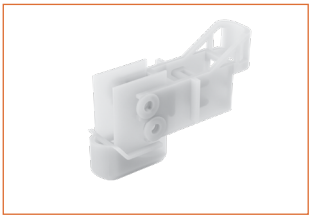
MCB-2P-67
Male connector,
300mm (11.81in.) black cable,
2 pin, IP67, Wet, 18 AWG



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

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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

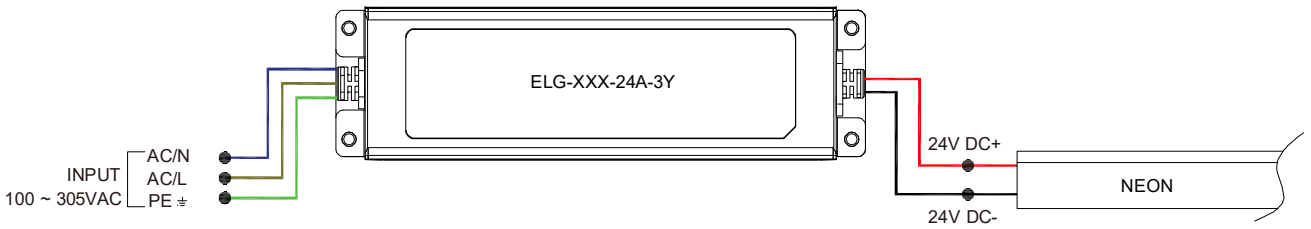
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24B-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

DALI-dimmable

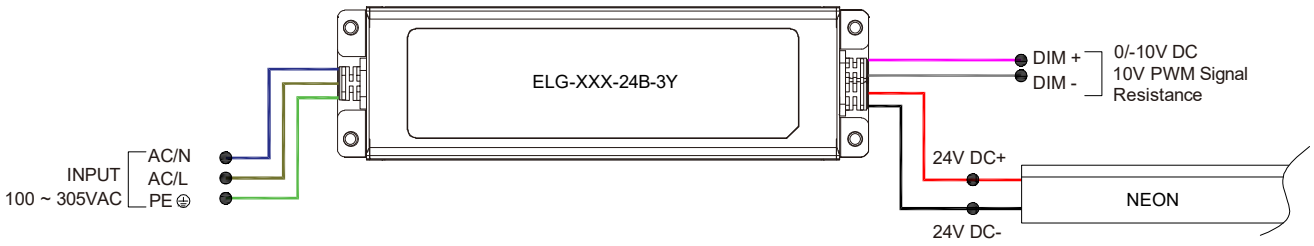
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24DA-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

Wiring Diagram

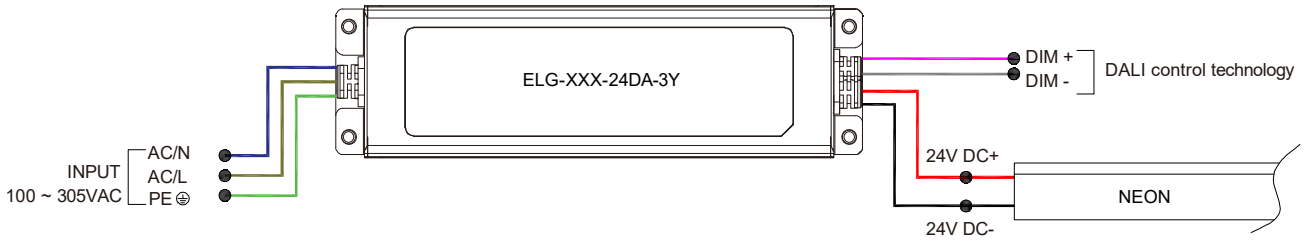
Non-dimmable



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