Beamever

Designer's Custom Playground

LINIO NEON 1010X Static White

Outdoor · Vertical Bending · Horizontal Bending

Features

- Robust & uniform silicone body, elite output performance & durability
- IP68 rated, ideal for outdoor uses, not for underwater project
- 5 years warranty

Date

Fixture type

Project name

Project phase

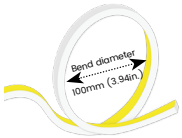
Applications

Gardens, parks, hotels, facades, pathways, outdoor steps, etc.

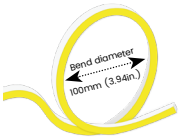




Bending Directions & Diameters

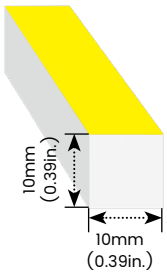


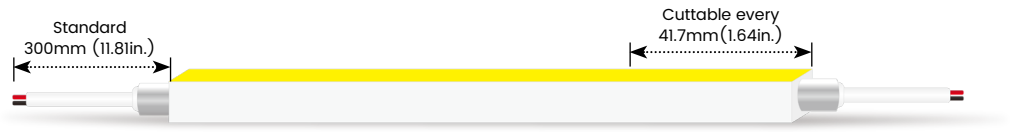
TV - Top View
(Vertical Bending)



SV - Side View
(Horizontal Bending)

Dimensions





Order Code

Model	Environment	Voltage	CCT	Power	End Cap		Left Feed Entry		
LN1010XTV	**W8**-Wet (IP68)	**24V**-DC24V	**22K**-2200K	**110**-11W/M	**FT**	Flush Translucent	**F**	Front	**OW** Open wire 300mm (11.81in.)
LN1010XSV			**27K**-2700K		**FO**	Flush Opaque	**B**	Bottom	**OA** Open Wire with Anti-Wicking Ferrule
			30K-3000K				**S**	Side	**MC** Male connector with 300mm (11.81in.) cable
			35K-3500K				**C**	Closed	**FC** Female connector with 300mm (11.81in.)cable
			40K-4000K						**NA** Only for Closed Feed Entry
			53K-5300K						

Assembly Builder

Right Feed Entry				Length	
F	Front	**OW**	Open wire 300mm (11.81in.)	**Max. nominal**	
B	Bottom	**OA**	Open Wire with Anti-Wicking Ferrule	13m (42.7ft)	*LN1010XTV only
S	Side	**MC**	Male connector with 300mm (11.81in.) cable	8m (26.2ft)	*LN1010XSV only
C	Closed	**FC**	Female connector with 300mm (11.81in.)cable		
		NA	Only for Closed Feed Entry	**Increment**	41.7mm (1.64in.)

*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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Outdoor · Vertical Bending · Horizontal Bending

Lumen Output (lm/m)

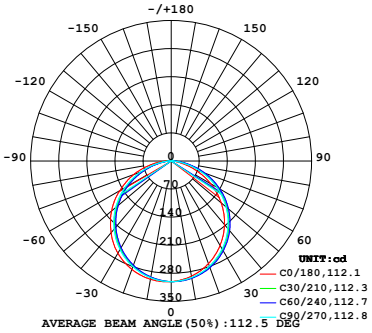
CCT	Vertical Bending	Horizontal Bending
	11W/M	11W/M
2200K	730	600
2700K	820	680
3000K	870	710
3500K	910	730
4000K	910	730
5300K	910	730
Max. Run Length	13m	8m

Techinical Details

Parameter	Vertical Bending	Horizontal Bending
Efficacy	79.1lm/W @3000K 11W	64.5lm/W @3000K 11W
CRI	Ra≥90	Ra≥90
Beam Angle	110°	110°
LED MacAdam	2 steps	2 steps
IK Rating	IK09 (with aluminium profile)	IK08 (with aluminium profile)
Average Life (L80B10)	>52,000 hours	>52,000 hours
Storage Temperature	-40°C~ 65°C	-40°C~ 65°C
Operating Temperature	-40°C~ 65°C	-40°C~ 65°C

Photometry

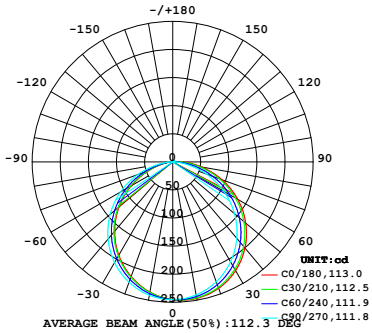
LN1010X TV-W8-24V-30K-110-FT-F-OW-F-OW
LINIO NEON 1010X TV, Vertical bend, 3000K, 11W/M



Zonal Lumen Summary

Zone	Lumen	% Fixture
0-30	233.4	26.8%
0-40	382.7	43.9%
0-60	677.5	77.7%
0-90	862.0	98.9%
0-180	871.4	100.0%

LN1010X SV-W8-24V-30K-110-FT-F-OW-F-OW
LINIO NEON 1010X SV, Horizontal bend, 3000K, 11W/M



Zonal Lumen Summary

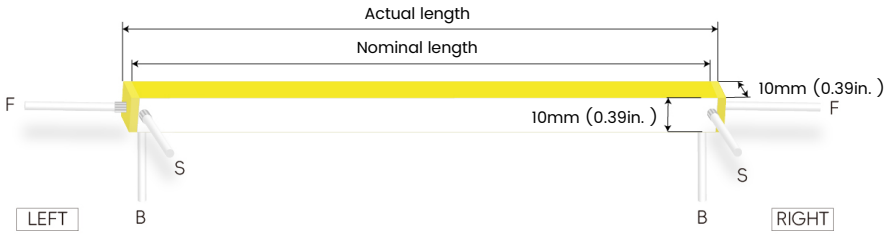
Zone	Lumen	% Fixture
0-30	190.2	26.6%
0-40	311.6	43.6%
0-60	551.3	77.2%
0-90	705.0	98.8%
0-180	713.8	100.0%

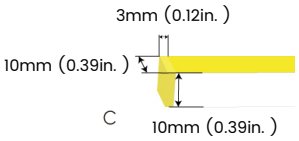
LINIO NEON 1010X Static White

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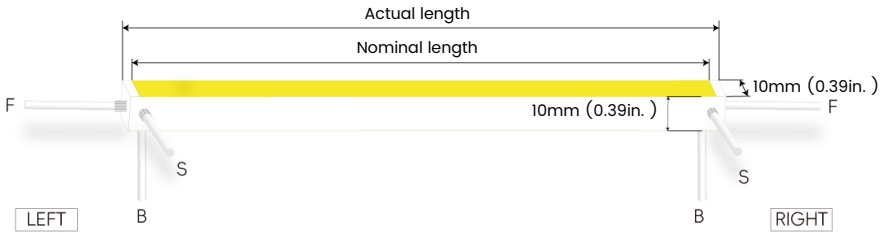
Feed Entry / End Cap Options

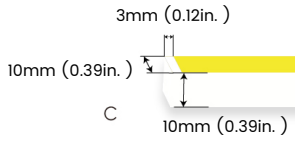
FT: Flush Translucent – IP68, factory-made only



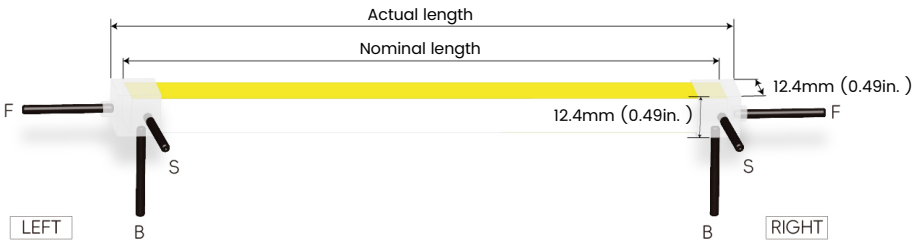


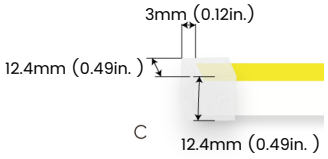
FO: Flush Opaque – IP68, factory-made only





Silicone end cap – IP67, for field cuttable only

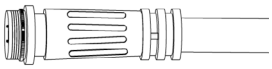




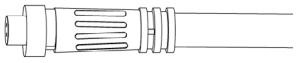
Connector Wire Options



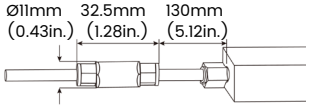
OW: Open wire, **Dry only**
Standard 300mm (11.81in.),20 AWG,
wire length customizable



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



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

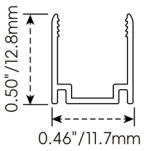


OA: Open Wire with **Anti-Wicking Ferrule, Wet**
Standard 300mm (11.81in.),20 AWG,
Protects against water ingress through the power cable

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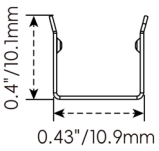
Mounting Options



NF1010-SC

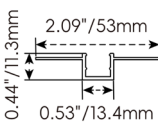
Name	Straight surface channel
Material	Aluminum
Standard Length	1m (3.28ft)




NF1010-BC

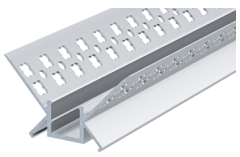
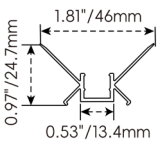
Name	Bendable surface channel
Material	Stainless Steel
Standard Length	1m (3.28ft)
Min. Bending Diameter	100mm(3.94in.)
*Not suitable for upside-down installation	



NF1010-MC

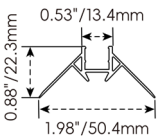
Name	Mud-in channel
Material	Aluminum
Standard Length	1m (3.28ft)



NF1010-IC

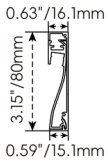
Name	Inside corner channel
Material	Aluminum
Standard Length	1m (3.28ft)



NF1010-OC

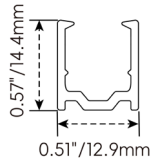
Name	Outside corner channel
Material	Aluminum
Standard Length	1m (3.28ft)



NF1010-SBC

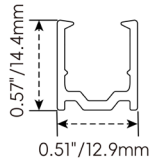
Name	Skirting board channel
Material	Aluminum
Standard Length	1m (3.28ft)





NF1010-PC

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






NF1010-BPC

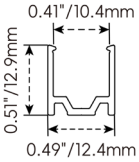
Name	Bendable PC channel
Material	PC
Standard Length	1m (3.28ft)

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Mounting Options



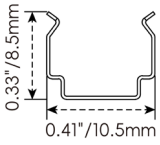




NF1010-CL

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







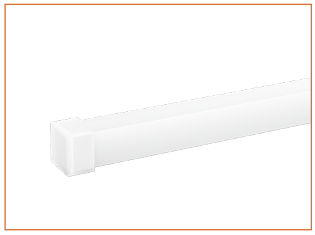
NF1010-CLS

Name	Mounting clip
Material	Stainless Steel
Standard Length	7mm(0.28in.)
*Not suitable for upside-down installation	

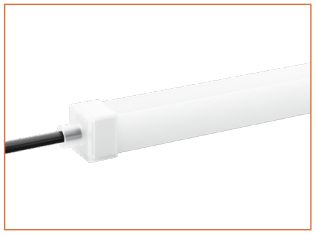
LINIO NEON 1010X Static White

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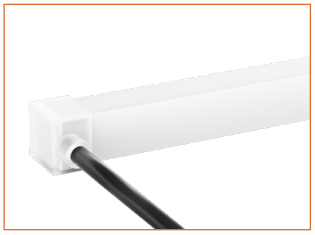
Silicone End Caps (Optional, purchase for extra)



NF1010-SEC-C
Silicone closed end cap



NF1010-SEC-F-2P
Silicone end cap front entry with 300mm (11.81in.) cable, 2 pin



NF1010-SEC-S-2P
Silicone end cap side entry with 300mm (11.81in.) cable, 2 pin



NF1010-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 1010X 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

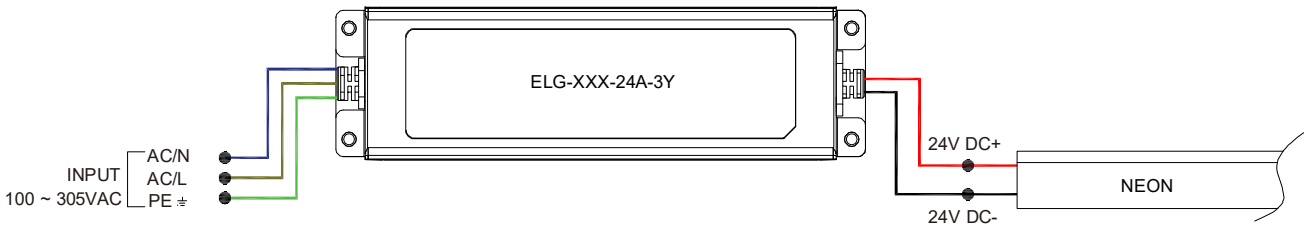
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24B-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

DALI-dimmable

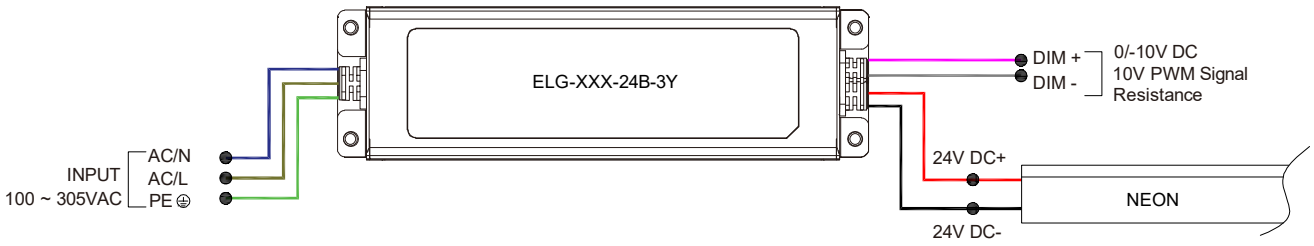
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24DA-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

Wiring Diagram

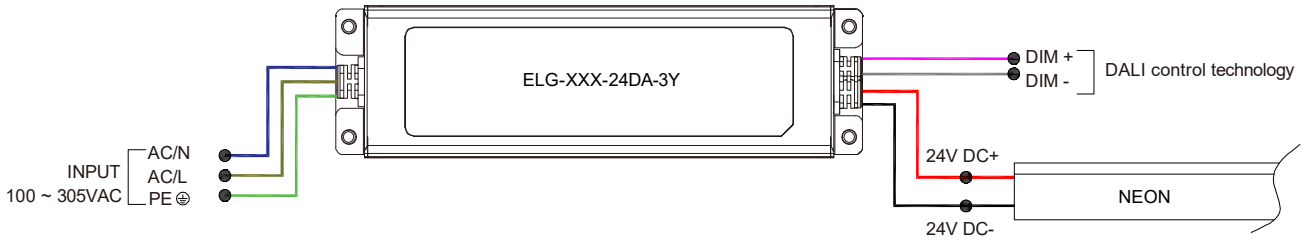
Non-dimmable



3 in 1-dimmable



DALI-dimmable



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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