Beamever

Designer's Custom Playground

LINIO NEON 1010X 3S TV

Vertical Bending · Static White

Features

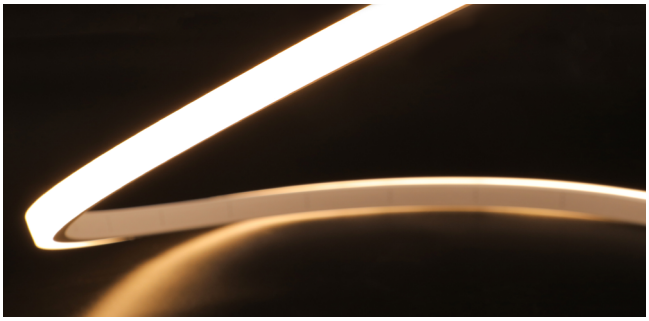
- 3-sides emitting design offers smooth diffusion at direct view
- IP68 rated, ideal for outdoor uses, not for underwater project
- 5 years warranty

Date | Fixture type

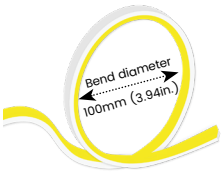
Project name | Project phase

Applications

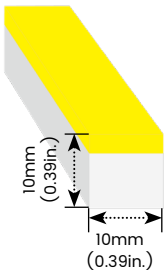
Gardens, parks, hotels, facades, pathways, outdoor steps, etc.

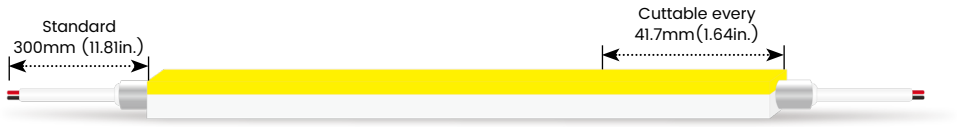


Bending Directions & Diameters



Dimensions





Order Code

Model	Environment	Voltage	CCT	Power	End Cap		Left Feed Entry		
LN1010X3STV	**W8**-Wet (IP68)	**24V**-DC24V	**22K**-2200K **27K**-2700K **30K**-3000K **35K**-3500K **40K**-4000K **53K**-5300K	**110**-11W/M	**FT** **FO**	Flush Translucent Flush Opaque	**F** Front **B** Bottom **S** Side **C** Closed	**OW** **OA** **MC** **FC** **NA**	Open wire 300mm (11.81in.) Open Wire with Anti-Wicking Ferrule Male connector with 300mm (11.81in.) cable Female connector with 300mm (11.81in.)cable Only for Closed Feed Entry

Assembly Builder

Right Feed Entry				Length	
F	Front	**OW**	Open wire 300mm (11.81in.)	**Max. nominal**	13m (42.7ft)
B	Bottom	**OA**	Open Wire with Anti-Wicking Ferrule	**Increment**	41.7mm (1.64in.)
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		

*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 1010X 3S TV

Vertical Bending · Static White

Lumen Output (lm/m)

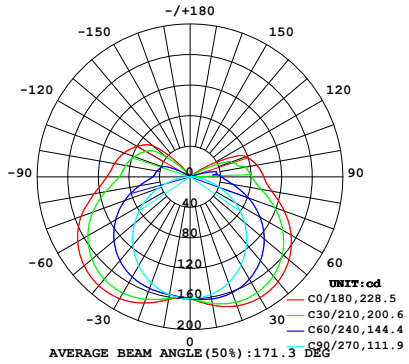
CCT	11W/M
2200K	830
2700K	900
3000K	925
3500K	940
4000K	950
5300K	910
Max. Run Length	13m

Techinical Details

Efficacy	84.1lm/W @3000K 11W
CRI	Ra≥90
Beam Angle	160°(3-sides emitting)
LED MacAdam	2 steps
Average Life (L80B10)	>52,000 hours
Storage Temperature	-40°C~ 65°C
Operating Temperature	-40°C~ 65°C

Photometry

LN1010X3STV-W8-24V-30K-110-FT-F-OW-F-OW
LINIO NEON 1010X 3S TV, Vertical Bend, 3000K, 11W/M



Zonal Lumen Summary

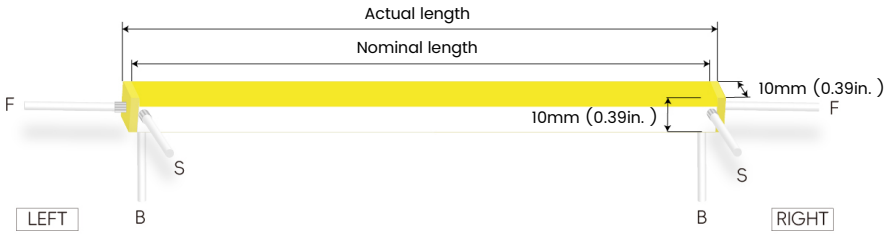
Zone	Lumen	% Fixture
0-30	137.4	14.8%
0-40	236.9	25.6%
0-60	470.6	50.8%
0-90	749.6	81.0%
0-180	925.6	100.0%

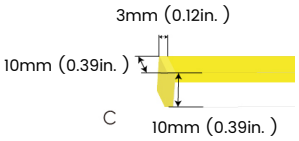
LINIO NEON 1010X 3S TV

Vertical Bending · Static White

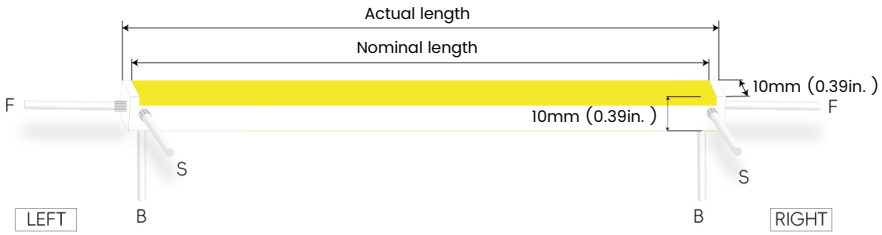
Feed Entry / End Cap Options

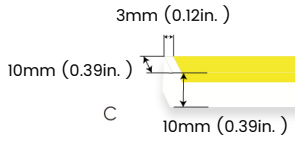
FT: Flush Translucent – IP68, factory-made only



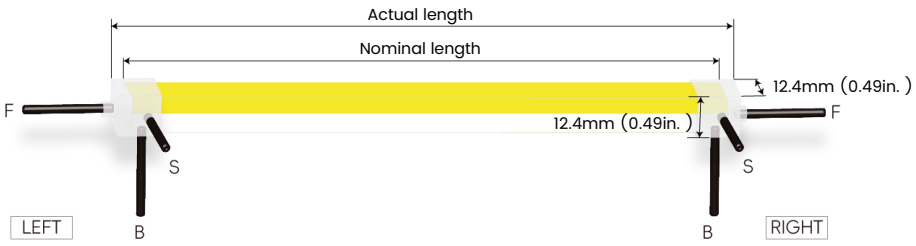


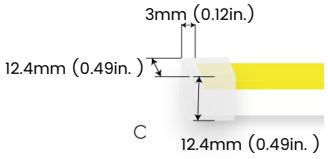
FO: Flush Opaque – IP68, factory-made only





Silicone end cap – IP67, for field cuttable only

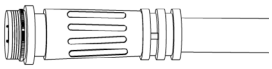




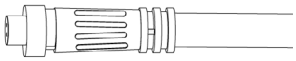
Connector Wire Options



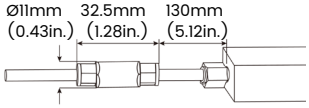
OW: Open wire, **Dry only**
Standard 300mm (11.81in.),20 AWG,
wire length customizable



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

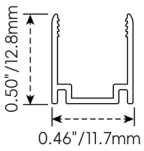


FC: Female connector, **Wet**
Standard 300mm (11.81in.), 20 AWG



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

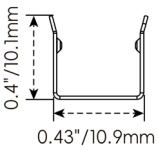
Mounting Options



NF1010-SC

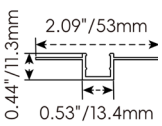
Name	Straight surface channel
Material	Aluminum
Standard Length	1m (3.28ft)




NF1010-BC

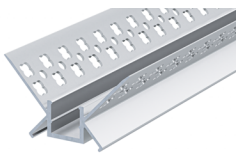
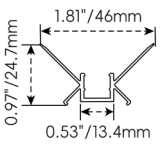
Name	Bendable surface channel
Material	Stainless Steel
Standard Length	1m (3.28ft)
Min. Bending Diameter	100mm(3.94in.)
*Not suitable for upside-down installation	



NF1010-MC

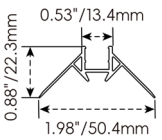
Name	Mud-in channel
Material	Aluminum
Standard Length	1m (3.28ft)



NF1010-IC

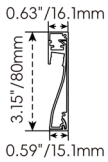
Name	Inside corner channel
Material	Aluminum
Standard Length	1m (3.28ft)



NF1010-OC

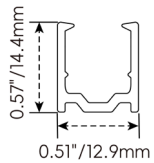
Name	Outside corner channel
Material	Aluminum
Standard Length	1m (3.28ft)



NF1010-SBC

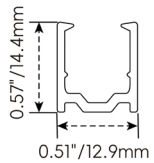
Name	Skirting board channel
Material	Aluminum
Standard Length	1m (3.28ft)





NF1010-PC

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






NF1010-BPC

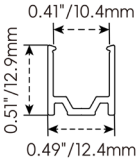
Name	Bendable PC channel
Material	PC
Standard Length	1m (3.28ft)

LINIO NEON 1010X 3S TV

Vertical Bending · Static White

Mounting Options



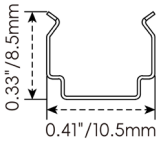




NF1010-CL

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







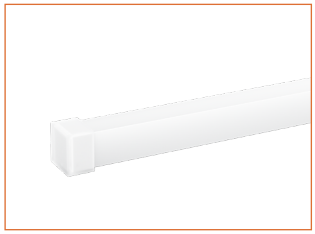
NF1010-CLS

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

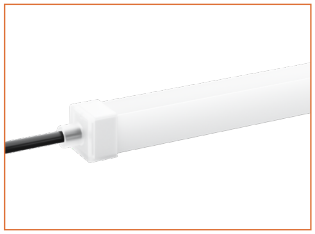
LINIO NEON 1010X 3S TV

Vertical Bending · Static White

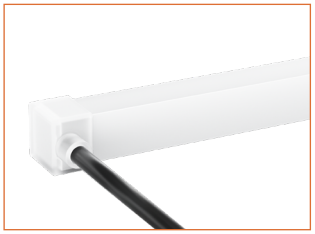
Silicone End Caps (Optional, purchase for extra)



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 3S TV

Vertical 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

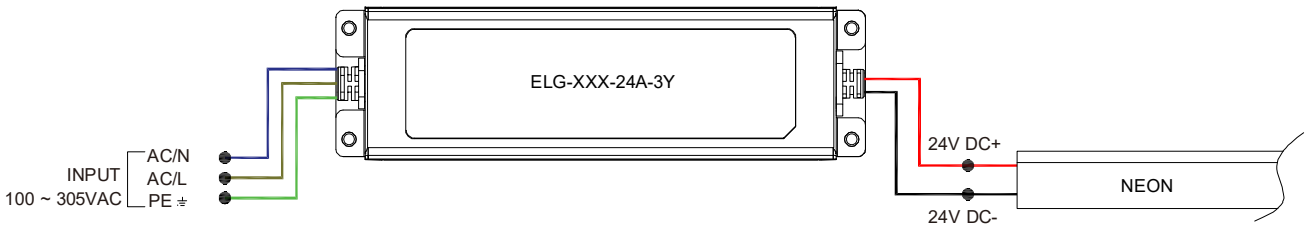
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24B-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

DALI-dimmable

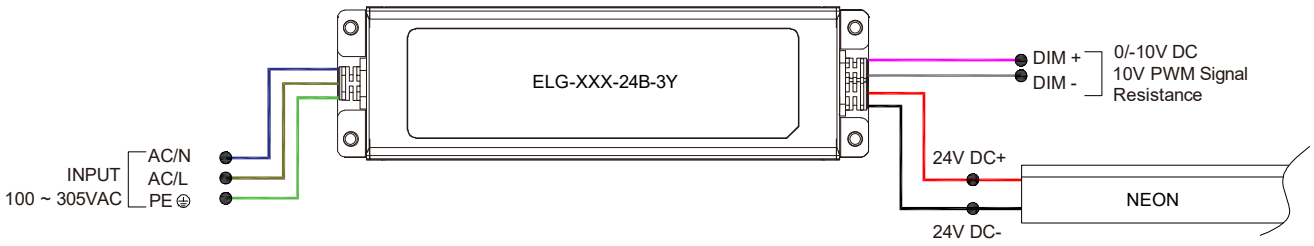
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24DA-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

Wiring Diagram

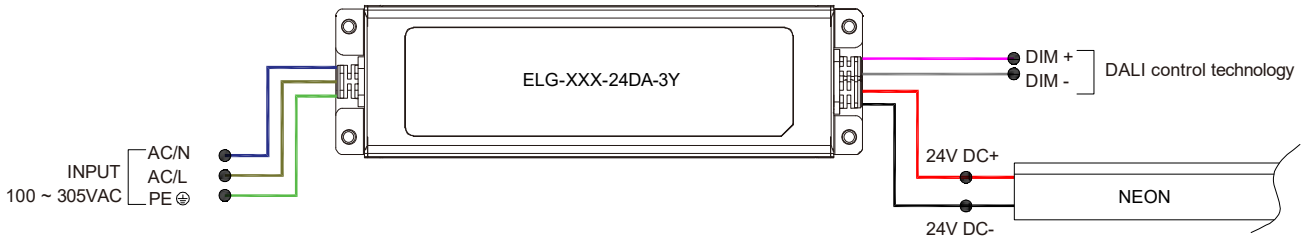
Non-dimmable



3 in 1-dimmable



DALI-dimmable



LINIO NEON 1010X 3S TV

Vertical Bending · Static White

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