LINIO NEON EOS TV HE

Vertical Bending · Static White

Date | Fixture type

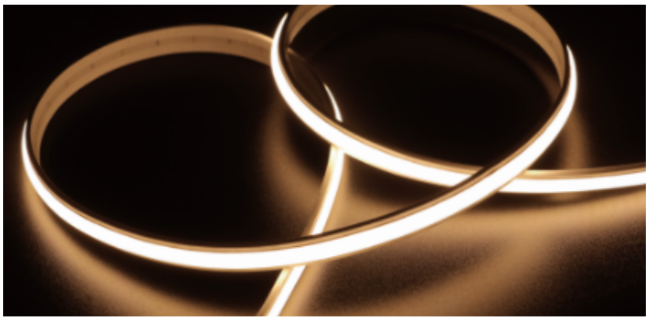
Project name | Project phase

Features

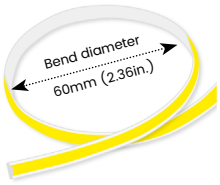
- Neon & tape in one hybrid design, high efficiency offers up to 1445 lumens per meter
- IP65 rated, ideal for damp location and sheltered exterior
- 5 years warranty

Applications

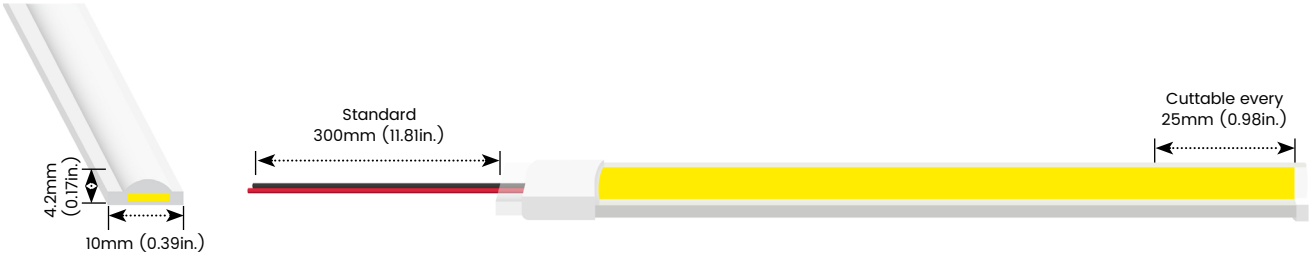
Under cabinets, coves, shelves, closets, millwork, furnitures, etc.



Bending Directions & Diameters



Dimensions



Order Code

Model	Environment	Voltage	CCT	Power	End Cap	Left Feed Entry
LNEOSTVHE	W5-Wet (IP65)	**24V**-DC24V	**22K**-2200K **27K**-2700K **30K**-3000K **35K**-3500K **40K**-4000K **57K**-5700K	**096**-9.6W/M **144**-14.4W/M	**FT** Flush Translucent **FO** Flush Opaque	**F** Front **OW** Open wire 300mm (11.81in.) **C** Closed **MC** Male connector with 300mm (11.81in.) cable **FC** Female connector with 300mm (11.81in.)cable **NA** Only for Closed Feed Entry

Assembly Builder

Right Feed Entry				Length	
F	Front	**OW**	Open wire 300mm (11.81in.)	**Max. nominal**	15m (49.2ft)
C	Closed	**MC**	Male connector with 300mm (11.81in.) cable	*For 9.6W/M	
		FC	Female connector with 300mm (11.81in.)cable	**Increment**	25mm (0.98in.)
		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 EOS TV HE

Vertical Bending · Static White

Lumen Output (lm/m)

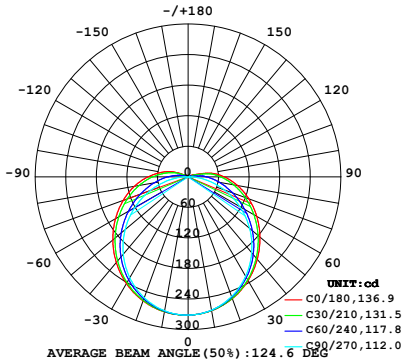
CCT	9.6W/M	14.4W/M
2200K	840	1260
2700K	920	1380
3000K	970	1455
3500K	960	1440
4000K	980	1470
5700K	970	1455
Max. Run Length	15m	10m

Techinical Details

Efficacy	101lm/W @3000K 9.6W
CRI	Ra≥90
Beam Angle	120°
LED MacAdam	2 steps
Average Life (L80B10)	>54,000 hours
Storage Temperature	-40°C~ 45°C
Operating Temperature	-40°C~ 45°C

Photometry

LNEOSTVHE-W5-24V-30K-096-FT-F-OW-F-OW
LINIO NEON EOS TV, Vertical Bend, 3000K, 9.6W/M



Zonal Lumen Summary

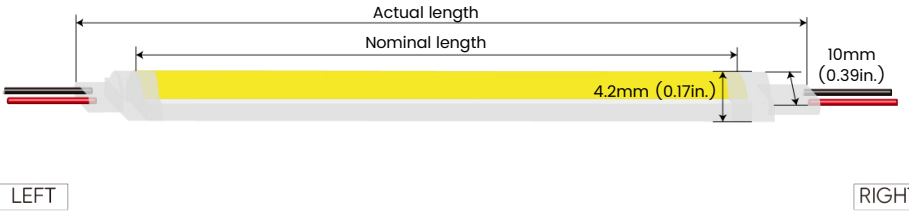
Zone	Lumen	% Fixture
0-30	212.3	21.7%
0-40	350.0	35.8%
0-60	636.8	65.2%
0-90	914.8	93.6%
0-180	977.1	100.0%

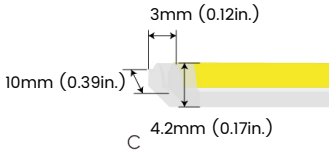
LINIO NEON EOS TV HE

Vertical Bending · Static White

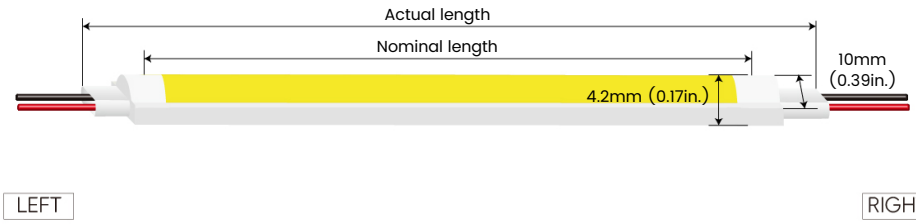
Feed Entry / End Cap Options

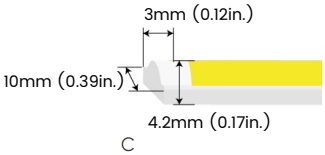
FT: Flush Translucent – IP65, factory-made only



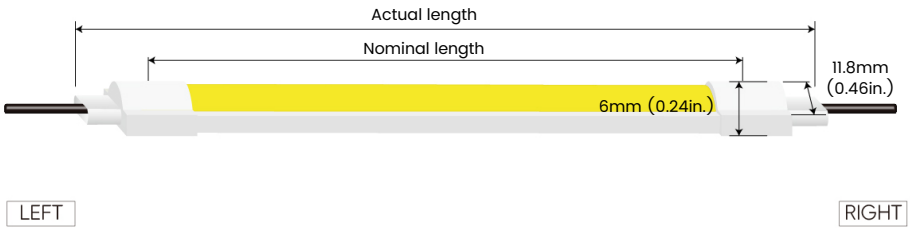


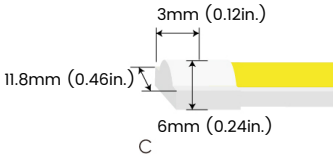
FO: Flush Opaque – IP65, factory-made only



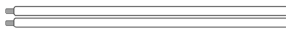


Silicone end cap – IP65, for field cuttable only

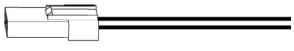




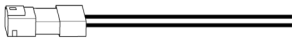
Connector Wire Options



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



MC: Male connector,
Standard 300mm (11.81in.), 22 AWG

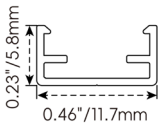


FC: Female connector,
Standard 300mm (11.81in.), 22 AWG

LINIO NEON EOS TV HE

Vertical Bending · Static White

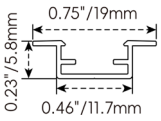
Mounting Options



NFEOS-SC-10

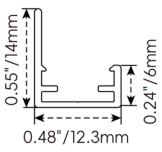
Name	Straight surface channel
Material	Aluminum
Standard Length	1m(3.28ft)



NFEOS-RC-10

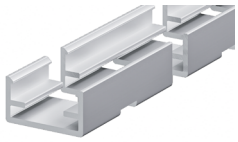
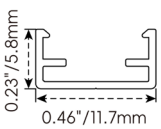
Name	Straight recessed channel
Material	Aluminum
Standard Length	1m(3.28ft)



NFEOS-LBC-10

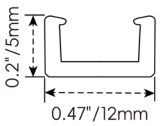
Name	Light-block channel
Material	Aluminum
Standard Length	1m(3.28ft)



NFEOS-BC-10

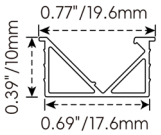
Name	Bendable surface channel
Material	Aluminum
Standard Length	1m(3.28ft)



NFEOS-CL-10

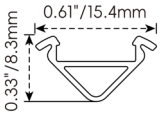
Name	Mounting clip
Material	Silicone
Standard Length	14mm(0.55in.)



NFEOS-RKC-10

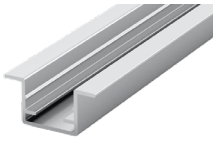
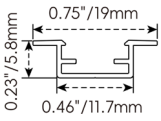
Name	45° Recessed kicker channel
Material	Aluminum
Standard Length	1m(3.28ft)



NFEOS-TSC-10

Name	45°Triangular surface channel
Material	Aluminum
Standard Length	1m(3.28ft)



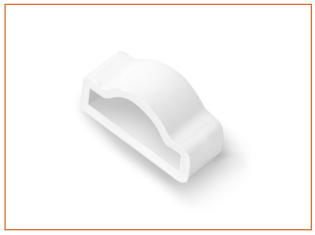
NFEOS-DRC-10

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

LINIO NEON EOS TV HE

Vertical Bending · Static White

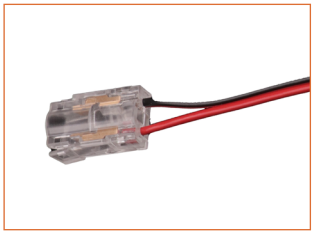
Silicone End Caps (Optional, purchase for extra)



NFEOS-SEC-C-10
Silicone closed end cap for 10mm (0.39in.) wide LINIO NEON EOS TV series

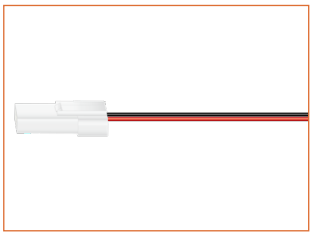


NFEOS-SEC-F-2P-10
Silicone end cap front entry with 200mm (7.87in.) cable, 2 pin

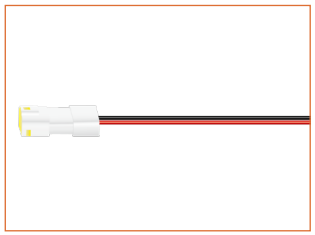


NFEOS-STC-2P-10
Strip to cable connector with 200mm (7.87in.) cable, IP20, 2 pin

Additional Accessories (Optional, purchase for extra)



MJST-2P-67
Male connector with 300mm (11.81in.) white cable, 2 pin, 22 AWG



FJST-2P-67
Female connector with 300mm (11.81in.) white cable, 2 pin, 22 AWG



NFEOS-MT-10
Installation Roller Tool with Wooden Handle



ADJS
1 Adjustable Angle Scissors Set, with 4 Spare Blades

LINIO NEON EOS TV HE

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

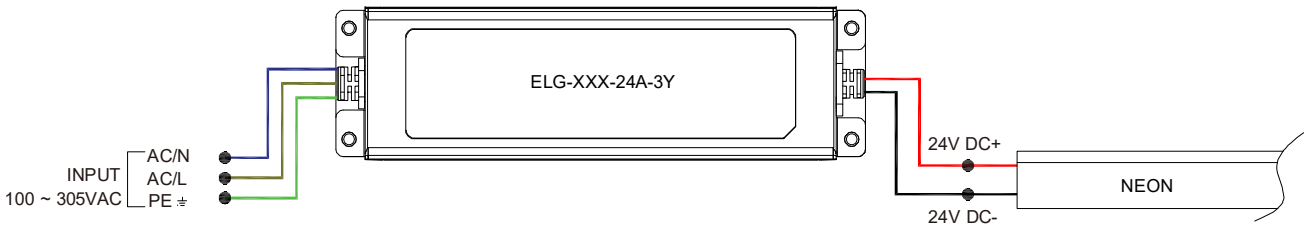
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24B-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

DALI-dimmable

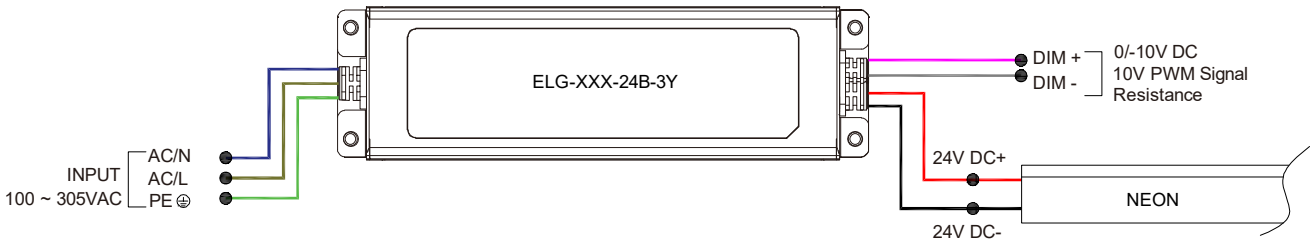
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24DA-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

Wiring Diagram

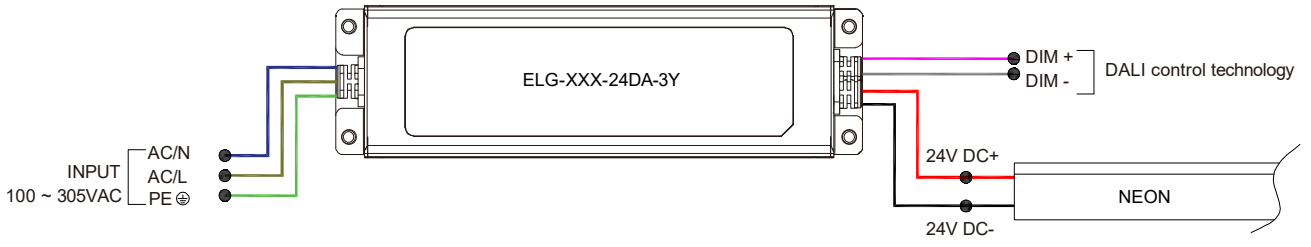
Non-dimmable



3 in 1-dimmable



DALI-dimmable



LINIO NEON EOS TV HE

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