Beamever

LINIO NEON EOS TV

Designer's Custom Playground

Vertical Bending · Static White

Features

- Neon & tape in one hybrid design, incredibly smooth diffusion without lenses
- IP65 rated, ideal for damp location and sheltered exterior
- 5 years warranty

Date

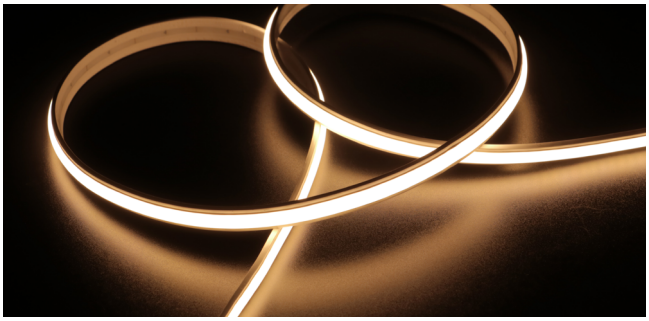
Fixture type

Project name

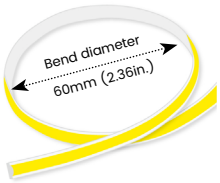
Project phase

Applications

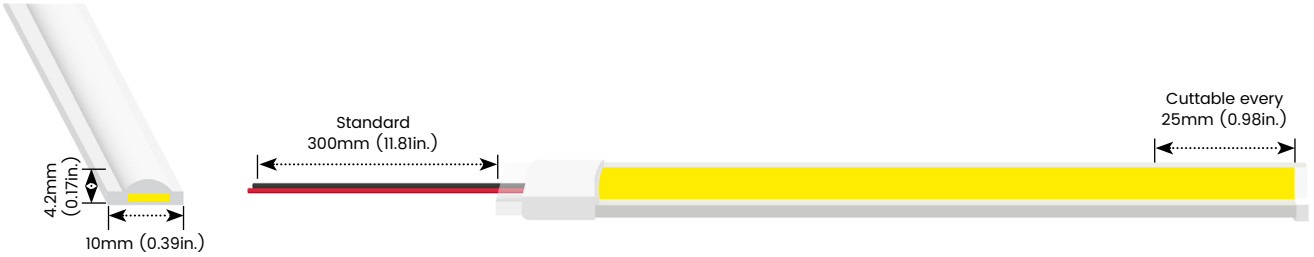
Under cabinets, coves, shelves, closets, millwork, furnitures, etc.



Bending Directions & Diameters



Dimensions



Order Code

Model	Environment	Voltage	CCT	Power	End Cap	Left Feed Entry
LNEOSTV	W5-Wet (IP65)	**24V**-DC24V	**22K**-2200K **27K**-2700K **30K**-3000K **35K**-3500K **40K**-4000K	**048**-4.8W/M **096**-9.6W/M **144**-14.4W/M	**FT** Flush Translucent **FO** Flush Opaque	**F** Front **C** Closed

Assembly Builder

Left Feed Entry			
OW	Open wire 300mm (11.81in.)		
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			
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

Length	
Max. nominal	10m (32.8ft)
*For 4.8W/M	
Increment	25mm (0.98in.)

Mounting Order Code

Product Code
Please select on the Mounting Options page

*We will list the nearest actual manufacturing length on the quotation, based on your requested length.

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Lumen Output (lm/m)

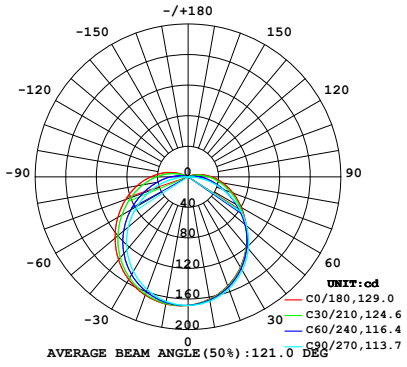
CCT	4.8W/M	9.6W/M	14.4W/M
2200K	420	840	1260
2700K	460	920	1380
3000K	485	970	1455
3500K	480	960	1440
4000K	490	980	1470
Max. Run Length	10m	7m	5m

Techinical Details

Efficacy	101lm/W @3000K 9.6W
CRI	Ra≥90
Beam Angle	120°
LED MacAdam	3 steps
Average Life (L80B10)	>54,000 hours
Storage Temperature	-40°C~ 45°C
Operating Temperature	-40°C~ 45°C

Photometry

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

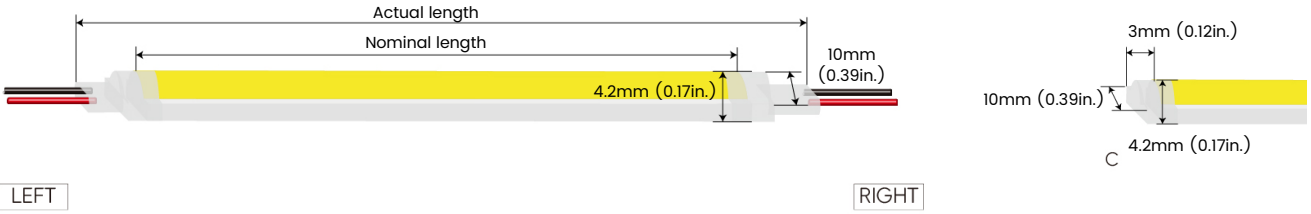


Zonal Lumen Summary

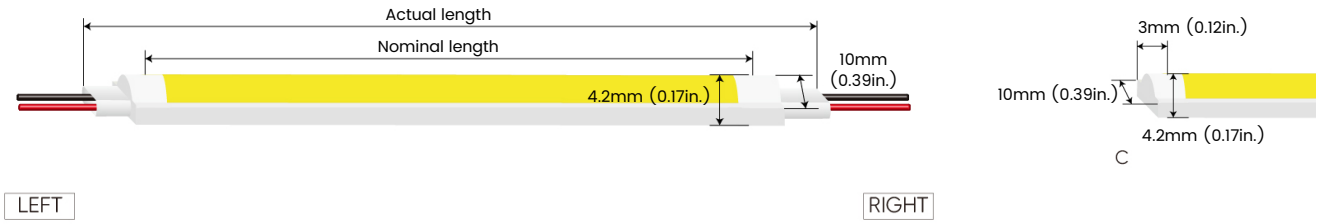
Zone	Lumen	% Fixture
0-30	131.5	22.4%
0-40	216.5	36.9%
0-60	392.0	66.8%
0-90	554.3	94.5%
0-180	586.4	100%

Feed Entry / End Cap Options

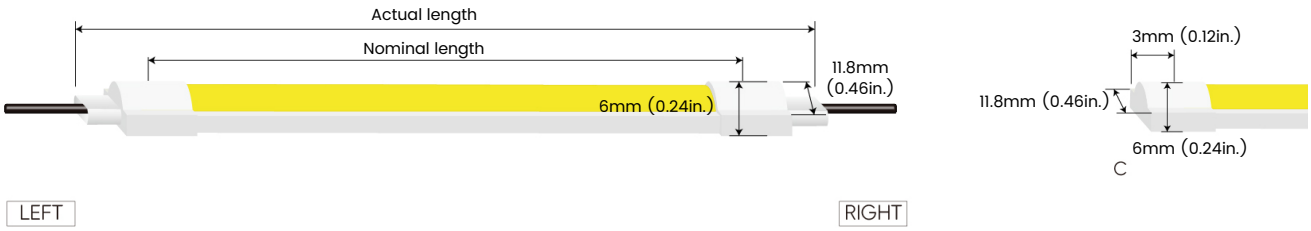
FT: Flush Translucent – IP65, factory-made only



FO: Flush Opaque – IP65, factory-made only



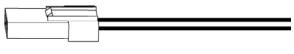
Silicone end cap – IP65, for field cuttable only



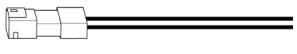
Connector Wire Options



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

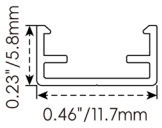


MC: Male connector,
Standard 300mm (11.81in.), 22 AWG



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

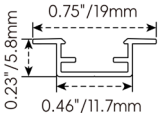
Mounting Options



NFEOS-SC-10

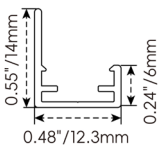
Name	Straight surface channel
Material	Aluminum
Standard Length	1m(3.28ft)



NFEOS-RC-10

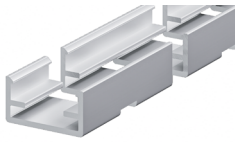
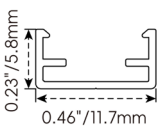
Name	Straight recessed channel
Material	Aluminum
Standard Length	1m(3.28ft)



NFEOS-LBC-10

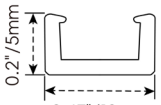
Name	Light-block channel
Material	Aluminum
Standard Length	1m(3.28ft)



NFEOS-BC-10

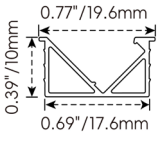
Name	Bendable surface channel
Material	Aluminum
Standard Length	1m(3.28ft)



NFEOS-CL-10

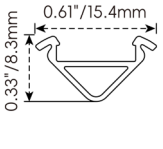
Name	Mounting clip
Material	Silicone
Standard Length	14mm(0.55in.)



NFEOS-RKC-10

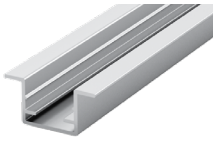
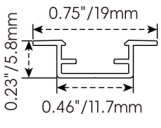
Name	45° Recessed kicker channel
Material	Aluminum
Standard Length	1m(3.28ft)



NFEOS-TSC-10

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



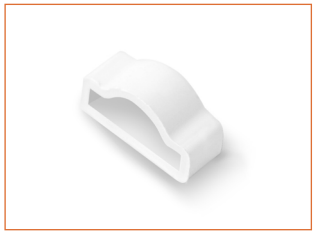
NFEOS-DRC-10

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

LINIO NEON EOS TV

Vertical Bending · Static White

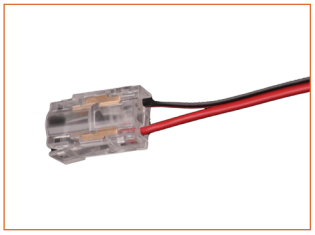
Silicone End Caps (Optional, purchase for extra)



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

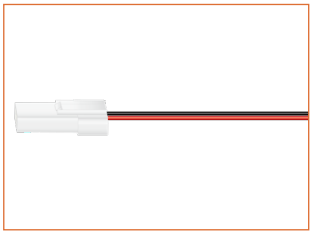


NFEOS-SEC-F-2P-10
Silicone end cap front entry with 200mm (7.87in.) cable, 2 pin

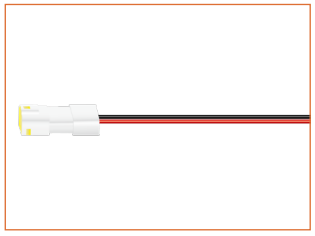


NFEOS-STC-2P-10
Strip to cable connector with 200mm (7.87in.) cable, IP20, 2 pin

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

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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

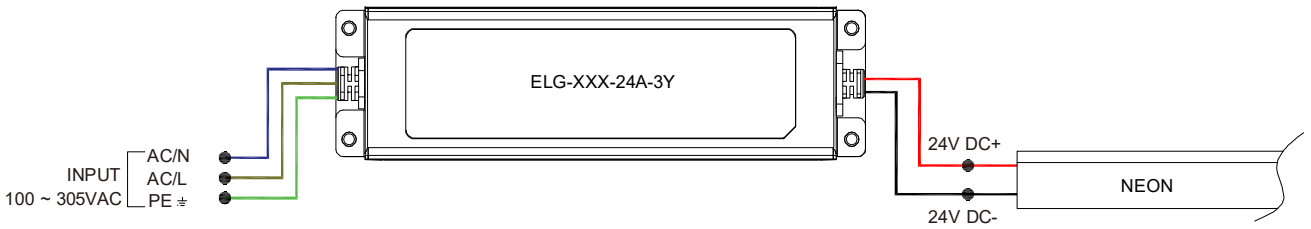
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24B-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

DALI-dimmable

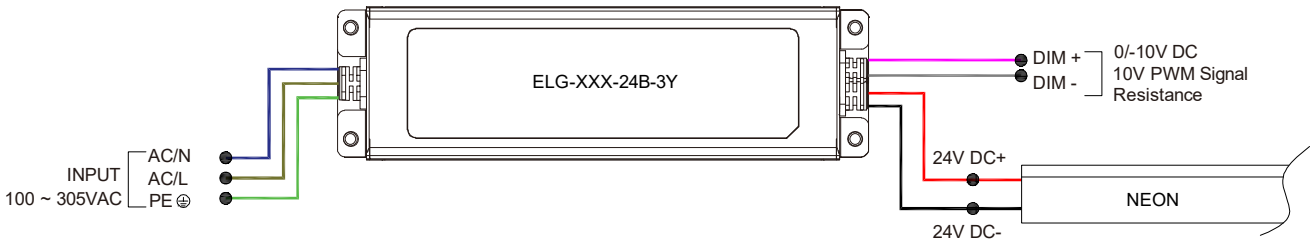
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24DA-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

Wiring Diagram

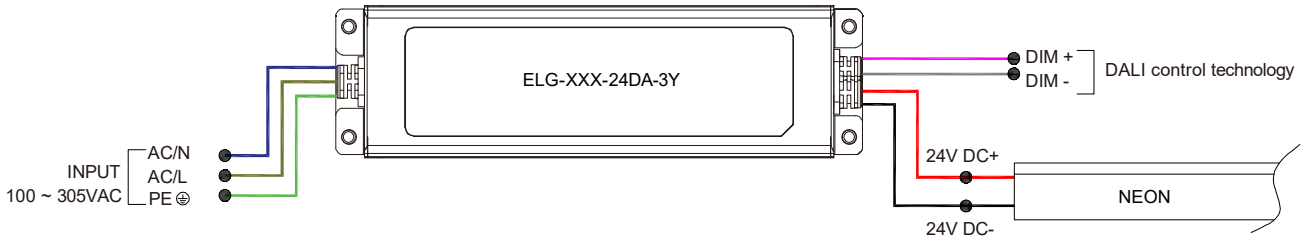
Non-dimmable



3 in 1-dimmable



DALI-dimmable



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