

LINIO NEON EOS TV HE

Indoor · Field Cuttable · High Efficacy

Beamever

Features

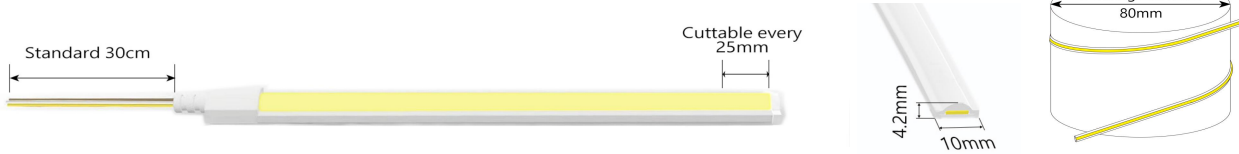
- High efficacy up to 102lm/W
- Hybrid neon tape, completely dot-free
- Field cuttable & joinable
- UV stable without yellowing or cracking over time
- All dimming protocols dimmable
- 5 years warranty



Fixture type	
Project name	
Project phase	
Date	



Dimension & Bending



Physical

Dimensions	Width 10mm
Bend Direction	Vertical bending
Bend Diameter	80mm
Cutting Interval	25mm
Field Cuttable	Yes
Housing Material	Dow Corning
Housing Technique	Co-extrusion
Body Color	White
Finish	Matte
Feed Entry	Front
Feed Length	Standard length 30cm
End Cap	Injected (Factory made only)/Silicone
Mounting	Clips/extrusion/adhesive tape
Storage Temperature	-40~60°C (-40~140°F)
Ambient Temperature	-20~40°C (-4~104°F)
Max. Production Length	30m

Performance & Electrical

Voltage	24VDC (23.5Vmin, 24.5Vmax)
Beam Angle	110°
MacAdam	3 steps
Efficacy (lm/W)	102.08lm/W @4000K
CRI	≥90
Lumen Maintenance	> 54,000 hours
IP Rating	IP65
Resistance	UV, solvent, saltwater, flame
Dimming	Triac, ELV, PWM, 0-10V, DMX
Control Protocol	N/A
Warranty	5 years

Certification & Safety

Certifications	UL, CE, REACH, RoHS, CB
Environment	Dry or damp locations

Lumen/m	4.8W	9.6W	14.4W
■ 2200K	420	840	1260
■ 2700K	450	900	1350
■ 3000K	480	960	1440
■ 3500K	490	950	1470
■ 4000K	490	980	1470
■ 5700K	490	980	1470
Max. Run Length (M)	15	15	10

*Other color temperatures and single chromatic colors customizable.

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Order Code

Series	Temp./Color	Power	Feed Entry	Connector Wire	End Cap	Length (mm)
LNEOSTVHE	22=2200K 27=2700K 30=3000K 35=3500K 40=4000K 57=5700K	048=4.8W 096=9.6W 144=14.4W	FF=Front + Front FC=Front + Closed	OW=Open wire 30cm MFC=Male & female connector 20cm	IJ=Injected end cap (IP65) SEC=Silicone end cap (IP65) * End caps are added by default	Min. - 25mm Max. - 30000mm Cut Inc. - 25mm

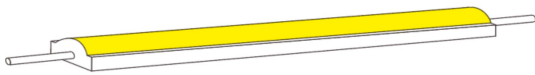
Example: LNEOSTVHE-27-048-FF-OW-IJ-05000

* Customizable—Contact Beamever representatives

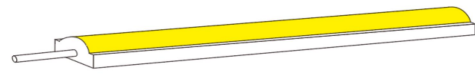
*This product is not rated as submersible. Do not install in a location where water may pool or collect.

Feed Entry Options

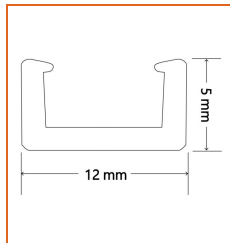
Front+Front feed entry (FF)



Front+Closed feed entry (FC)

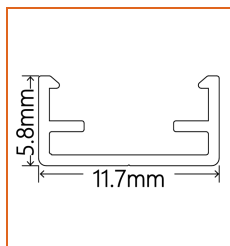


Mounting Options



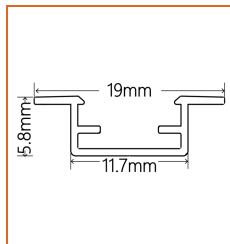
* Recommend use 3 mounting clip for 1m of neon.

Name	Mounting clip
Code	LNEOS-CL-10
Material	PC
Mounting style	Surface mounted
Length	14mm
Width	12mm
Height	5mm
Internal Width	/



* Standard length is 1m/pcs.

Name	Straight aluminum channel
Code	LNEOS-SC-10
Material	Aluminum
Mounting style	Surface mounted
Length	1m
Width	11.7mm
Height	5.8mm
Internal width	/



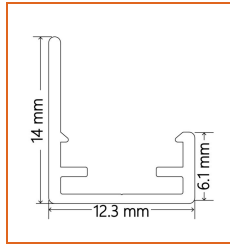
* Standard length is 1m/pcs.

Name	Recessed aluminum channel
Code	LNEOS-RC-10
Material	Aluminum
Mounting style	Recessed mounted
Length	1m
Width	19mm
Height	5.8mm
Internal width	/

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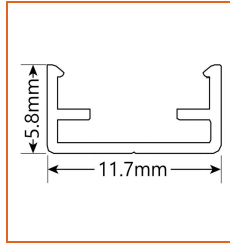
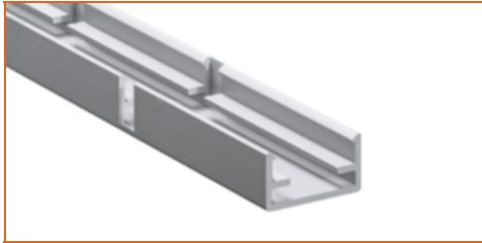
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* Standard length is 1m/pcs.

Name	Light-block aluminum channel
Code	LNEOS-LBC-10
Material	Aluminum
Mounting style	Surface mounted
Length	1m
Width	12.3mm
Height	14mm
Internal width	/



* Standard length is 1m/pcs.

Name	Bendable aluminum channel
Code	LNEOS-BC-10
Material	Aluminum
Mounting style	Surface mounted
Length	1m
Width	11.7mm
Height	5.8mm
Internal width	/

Driver Options

Code	Max Load	Input	Output	Dimming	Environment	Size
XLG-150-24-A	150W	100-305VAC	24VDC	Non-Dim	Dry/Damp/IP67	180x63x35.5mm (L x W x H)
ELG-150-24B-3Y	150W	100-305VAC	24VDC	3 in 1 dimming	Dry/Damp/IP67	219x63x35.5mm (LxWxH)
ELG-150-24DA-3Y	150W	100-305VAC	24VDC	DALI control technology	Dry/Damp/IP67	219x63x35.5mm (L x W x H)
LPV-150-24	150W	180-305VAC	24VDC	Non-Dim	Dry/Damp/IP67	148x40x30mm (L x W x H)
LRS-150-24	150W	85-132V / 170-264VAC	24VDC	Non-Dim	Dry	99x97x30mm (L x W x H)
PWM-120-24	120W	90 ~ 305V / 127 ~ 431VAC	24VDC	3 in 1 dimming	Dry/Damp/IP67	191x63x37.5mm (LxWxH)

* Please refer to the spec sheet of each power supply for more detailed information

Accessories Options (Optional, purchase for extra)



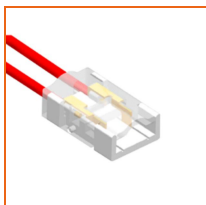
Name Silicone closed end cap
Code LNEOS-SEC-C-10

Closed silicone end cap for 10mm wide LINIO NEON EOS TV



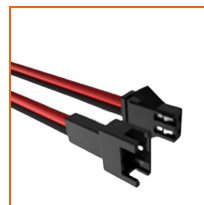
Name Silicone front end cap
Code LNEOS-SEC-F-2P-10

Silicone end cap front entry with 20cm 2 pin cable



Name Strip to cable connector
Code LNEOS-STC-2P-10

Strip-to-cable connector with 15cm cable, IP20, 2 pin



Name Male and female connectors
Code MFC-2P-20

Male and female connectors with 30cm cable, IP20, 2 pin



Name Silicone glue
Code SG

Silicone glue



Name VHB 3M adhesive back tape
Code VHB

EOS already comes with normal 3M back tape, VHB 3M tape has stronger stickiness.

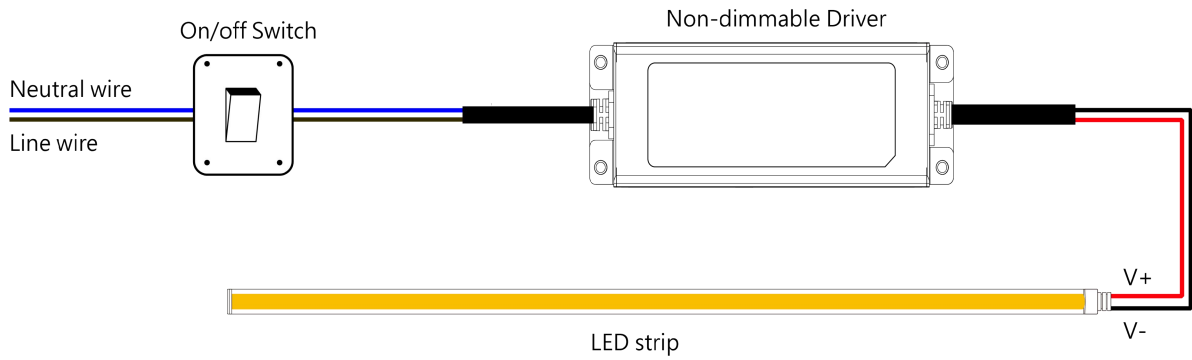
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Wiring Diagram

Non Dimmable



Dimmable

