

LINIO NEON EOS TV

Indoor/Outdoor · Single Color · Field Cuttable

Beamever

Features

- Hybrid neon tape, completely dot-free
- Field cuttable & joinable
- Slim and elegant looking, naturally blend into white walls
- 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 or adhesive tape
Storage Temperature	-25~60°C (-13~140°F)
Ambient Temperature	-25~45°C (-13~113°F)
Max. Production Length	30m

Performance & Electrical

Voltage	24VDC (23.5Vmin, 24.5Vmax)
Beam Angle	120°
MacAdam	3 steps
Efficacy (lm/W)	65.6lm/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
■ 1800K	350	711	1013
■ 2200K	420	840	1260
■ 2400K	421	876	1248
■ 2700K	460	920	1380
■ 3000K	485	970	1455
■ 3500K	480	960	1440
■ 4000K	490	980	1470
■ 5000K	494	984	1496
■ 5700K	485	970	1455
■ 6500K	493	978	1486
Max. Run Length(M)	5	5	5

*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)
LNEOSTV	18=1800K	048=4.8W	FF=Front + Front	OW=Open wire 20cm	IJ=Injected end cap (IP65)	Min. - 25mm
	22=2200K	096=9.6W	FC=Front + Closed	MFC=Male & female	SEC=Silicone end cap (IP65)	Max. - 30000mm
	24=2400K	144=14.4W		connector 20cm	* End caps are added by default	Cut Inc. - 25mm
	27=2700K					
	30=3000K					
	35=3500K					
	40=4000K					
	50=5000K					
	65=6500K					

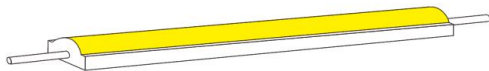
Example: LNEOSTV-27-048-FF-OW-IJ-05000

* Customizable—Contact Beamever representatives

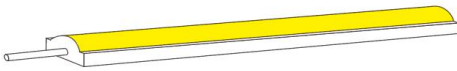
*This product is not rated as submersible. Do not install in a location where water may pool or collect.

Feed Entry Options

Front+Front feed entry (FF)



Front+Closed feed entry (FC)

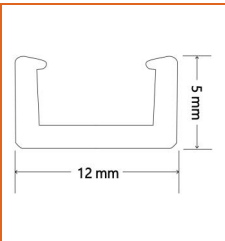


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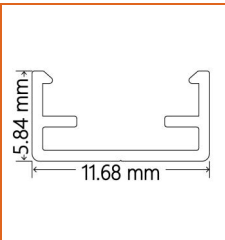


Mounting Options



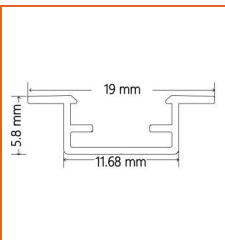
* Recommend use 3 mounting clip for 1m of neon.

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



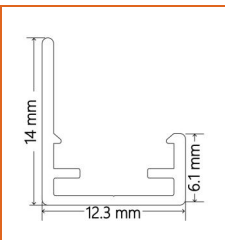
* Standard length is 1m/pcs.

Name	Straight Aluminum channel
Code	LNEOSTV-SC-10
Material	Aluminum
Mounting style	Surface mounted
Length	1m
Width	11.68mm
Height	5.84mm
Internal width	/



* Standard length is 1m/pcs.

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



* Standard length is 1m/pcs.

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

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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)

	<p>Name Silicone closed end cap</p> <p>Code LNEOS-SEC-C-10</p> <p>Closed silicone end cap for 10mm wide LINIO NEON EOS TV</p>		<p>Name Silicone front end cap</p> <p>Code LNEOS-SEC-F-2P-10</p> <p>Silicone end cap front entry with 20cm 2 pin cable</p>
	<p>Name Male and female connectors</p> <p>Code MFC-2P-20</p> <p>Male and female connectors with 30cm cable, IP20, 2 pin</p>		<p>Name Quick connector</p> <p>Code LNEOS-STC-2P</p> <p>Strip-to-cable connector with 15cm cable, IP20, 2 pin</p>
	<p>Name Silicone glue</p> <p>Code SG</p> <p>Silicone glue</p>		<p>Name VHB 3M adhesive back tape</p> <p>Code VHB</p> <p>EOS already comes with normal 3M back tape, VHB 3M tape has stronger stickiness.</p>

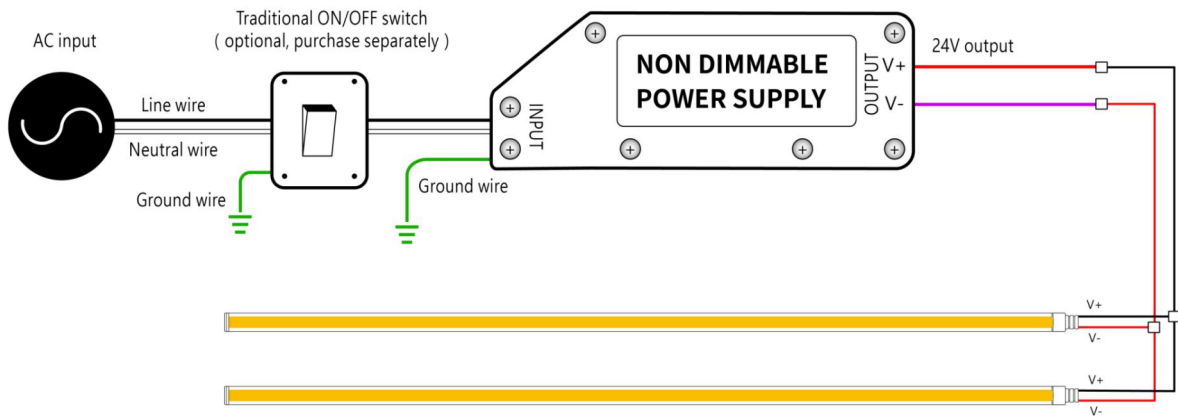
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Wiring Diagram

Non Dimmable



Dimmable

