

LINIO NEON EOS TV PIXEL RGB

Indoor/Outdoor · Pixel RGB · Field Cuttable

Beamever

Features

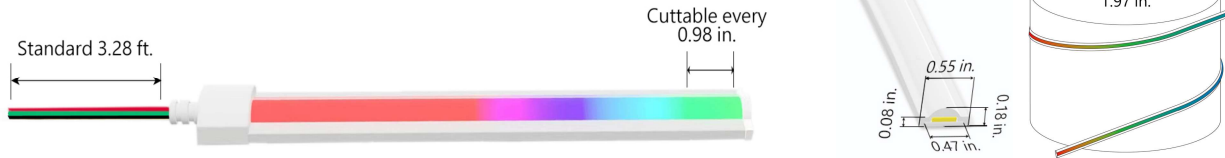
- Hybrid neon tape
- Field cuttable & joinable
- Slim and elegant looking, naturally blend into white walls
- UV stable without yellowing or cracking over time
- SPI protocol for dynamic colors and patterns
- 5 years warranty



Fixture type	
Project name	
Project phase	
Date	



Dimension & Bending



Physical

Dimensions	Width 0.55" (14mm)
Bend Direction	Vertical bending
Bend Diameter	1.97" (50mm)
Cutting Interval	0.39" (10mm)
Field Cuttable	Yes
Housing Material	Dow Corning
Housing Technique	Co-extrusion
Body Color	White
Finish	Matte
Feed Entry	Front
Feed Length	Standard length 3.28'
End Cap	Injected (Factory made only)
Mounting	Clips or adhesive tape
Storage Temperature	-40~60°C (-40~140°F)
Ambient Temperature	-40~55°C (-40~131°F)@3.96W
Max. Production Length	98.43ft (30m)

Performance & Electrical

Voltage	24VDC (23.5Vmin, 24.5Vmax)
Beam Angle	120°
MacAdam	3 steps
Efficacy (lm/W)	16lm/W @3.96W
CRI	N/A
Lumen Maintenance	> 30,000 hours
IP Rating	IP65
Resistance	UV, solvent, saltwater, flame
Dimming	SPI
Control Protocol	UCS1903
Pixel Quantity	30 pixel/ft
Warranty	5 years

Certification & Safety

Certifications	UL
Environment	Dry or damp locations

Lumen/ft	3.96W
■ R	14
■ G	44
■ B	10
■ RGB	64
Max. Run Length(ft)	9.84

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Order Code

Series	Temp./Color	Power	Feed Entry	Connector Wire	End Cap	Length (ft)
LNEOSTV	PRGB	396=3.96W	FC=Front + Closed FF=Front + Front	OW=Open wire 3.28' MFC=Male & female connector 0.98'	IJ=Injected end cap (IP65) SEC=Silicone end cap (IP65) * End caps are added by default	Min. - 0.39" Max. - 98.4' Cut Inc. - 0.39"

Example: LNEOSTV-PRGB-396-FF-OW-IJ-11'

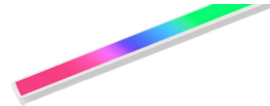
* Customizable—Contact Beamever representatives

Feed Entry Options

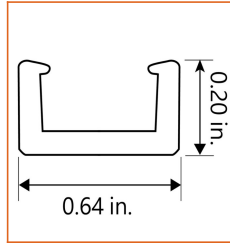
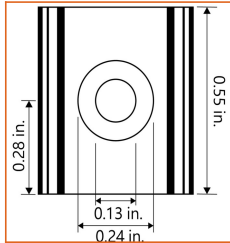
Front feed entry (F)



Closed feed entry (C)

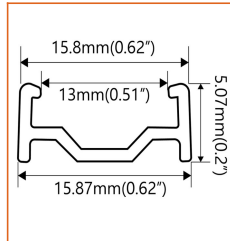
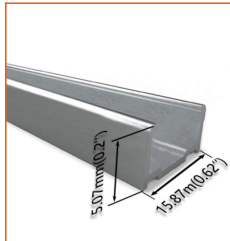


Mounting Options



* Recommend use 1 mounting clip for 1' of neon.

Name	Mounting clip
Code	LNEOSTV-CL-14
Material	Plastic
Mounting style	Surface mounted
Length	0.55" (14mm)
Width	0.64" (16.4mm)
Height	0.2" (5mm)
Internal Width	/



* Standard length is 3.28' / pcs.

Name	Straight Aluminum channel
Code	LNEOSTV-SC-14
Material	Aluminum
Mounting style	Surface mounted
Length	3.28' (1m)
Width	0.62" (14.17mm)
Height	0.2" (5.07mm)
Internal width	0.51" (13mm)

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Driver Options

Code	Max Load	Input	Output	Dimmable	Class 2	Environment	Size (L*W*H)
Non Dimmable							
KV-24030-ASW	30W	100-277VAC	24V	No	Yes	Dry/damp	6.10*2.12*0.78 inch
KV-24060-ASW	60W	100-277VAC	24V	No	Yes	Dry/damp	7.00*2.40*0.94 inch
KV-24096-ASW	96W	100-277VAC	24V	No	Yes	Dry/damp/wet	9.05*2.75*1.69 inch
KV-24150-ASW	150W	100-277VAC	24V	No	No	Dry/damp/wet	10.07*3.07*1.85 inch
KV-24200-ASW	200W	100-277VAC	24V	No	No	Dry/damp/wet	10.07*3.07*1.85 inch
KV-24300-ASW	300W	100-277VAC	24V	No	No	Dry/damp/wet	10.86*3.07*1.85 inch



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

Controller Options

Code	Description
DINA-DR micro	DMX 60 channels, DMX Stand Alone controller with 10 scenes, USB connectivity for programming
SLESA-U9	DMX 256 channels, USB connection, stand alone mode with 1 area and 20 scenes
STICK-GA2	DMX 512 channels, ready to use (pre-loaded with 8 scenes and 170 RGB fixtures)
STICK-CW4	DMX 1024 channels, up to 36 scenes stored and directly recalled via 6 touch sensitive buttons.

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

Accessories Options (Optional, purchase for extra)

	<p>Name Silicone closed end cap</p> <p>Code LNEOSTV-SEC-C-14</p> <p>Closed silicone end cap for 14mm wide LINIO NEON EOS TV</p>		<p>Name Silicone front end cap</p> <p>Code LNEOSTV-SEC-F-3P-14</p> <p>Silicone end cap front entry with 11.81" 3 pin cable</p>
	<p>Name Male and female connectors</p> <p>Code MFC-3P-20</p> <p>Male and female connectors with 11.81" cable, IP20, 3 pin</p>		<p>Name Quick connector</p> <p>Code LNEOSTV-QC-3P</p> <p>Quick strip-to-cable connector with 11.81" cable, IP20, 3 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>

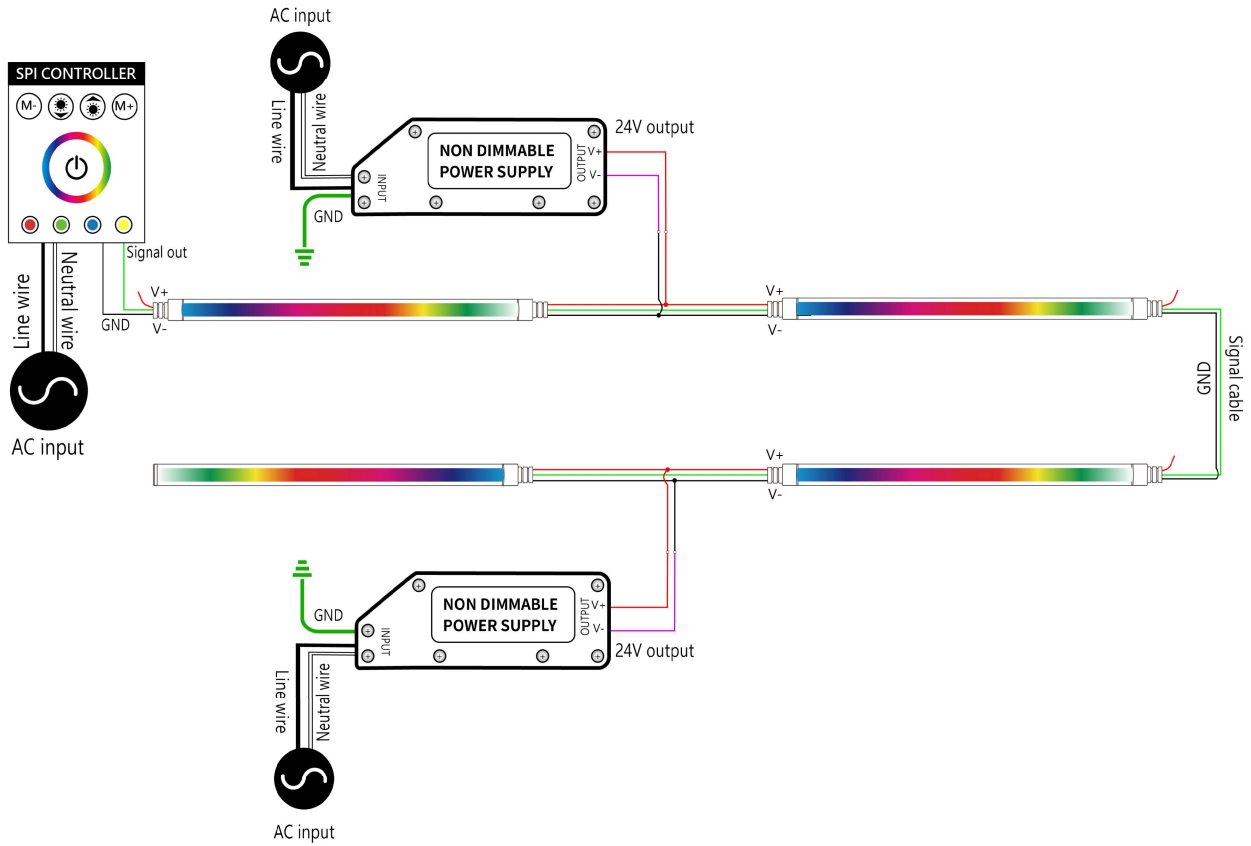
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Wiring Diagram

Dimmable (Using SPI controller)



Dimmable (Using DMX controller & DMX-SPI decoder)

