

# LINIO NEON 1615 TV TW

Outdoor · Tunable White · Field Cuttable

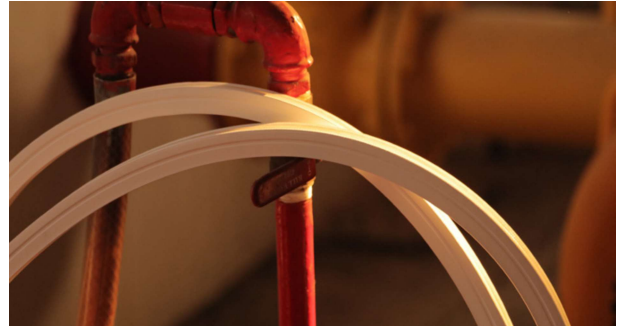
# Beamever

## Features

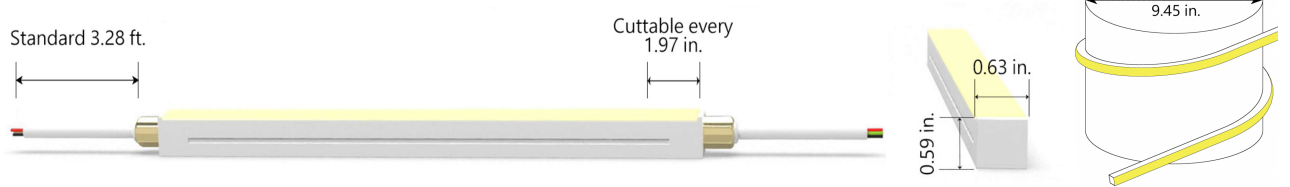
- Field cuttable & joinable
- Low voltage 24V DC
- Tunable white, CCT changing from 2700K to 5300K
- IP67 rated, ideal for indoor and outdoor uses
- UV stable without yellowing or cracking over time
- 5 years warranty



Fixture type	
Project name	
Project phase	
Date	



## Dimension & Bending



## Physical

Dimensions	0.63" x 0.59" (width x height)
Bend Direction	Vertical bending
Bend Diameter	9.45" (240mm)
Cutting Interval	1.97" (50mm)
Field Cuttable	Yes
Housing Material	Dow Corning
Housing Technique	Co-extrusion
Body Color	White
Finish	Matt
Feed Entry	Front, side, bottom
Feed Length	Standard length 3.28'
End Cap	Injected (Factory made only)
Mounting	Clips or channels (rigid or bendable)
Storage Temperature	-40°C(-40°F) to 60°C (140°F)
Ambient Temperature	-40°C(-40°F) to 45°C (113°F)@4.57W
Max. Production Length	98.43ft (30m)

## Performance & Electrical

Voltage	24VDC (23.5Vmin, 24.5Vmax)
Beam Angle	120°
MacAdam	3 steps
Efficacy (lm/W)	68lm/W @2700K+5300K 4.57W
CRI	Ra80
Lumen Maintenance	> 54,000 hours
IP Rating	IP67
Resistance	UV, solvent, saltwater, flame
Dimming	Triac, ELV, PWM, 0-10V, DMX, SPI
Control Protocol	N/A
Warranty	5 years

## Certification & Safety

Certifications	UL
Environment	Dry, damp or wet locations

Lumen/ft	4.57W
■ 2700K	157
■ 5300K	156
■ 2700K+5300K	312
Max. Run Length(ft)	16.4

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## Order Code

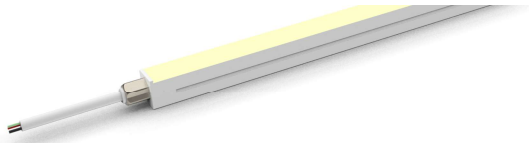
Series	Temp./Color	Power	Feed Entry	Connector Wire	End Cap	Length (ft)
LN1615TV	2753=2700K+53 00K	457=4.57W	<b>FF</b> =Front + Front <b>BB</b> =Bottom + Bottom <b>LSLS</b> =Left Side + Left Side <b>RSRS</b> =Right Side + Right Side <b>FC</b> =Front + Closed <b>FB</b> =Front + Bottom <b>FLS</b> =Front + Left Side <b>FRS</b> =Front + Right Side <b>BC</b> =Bottom + Closed <b>BLS</b> =Bottom + Left Side <b>BRS</b> =Bottom + Right side <b>LSC</b> =Left side + Closed <b>RSC</b> =Right side + Closed <b>LSRS</b> =Left side + Right side	<b>OW</b> =Open wire 3.28' <b>MFC</b> =Male & female connector 0.98'	<b>IJ</b> =Injected end cap (IP67) <b>SEC</b> =Silicone end cap (IP67) <b>MEC</b> =Mechanical end cap (IP67) * End caps are added by default * MEC will reduce max. run length, consult Beamever for specific data	Min. - 1.97" Max. - 98.4' Cut Inc. - 1.97"

Example: LN1615TV-2753-457-FF-OW-IJ-11'

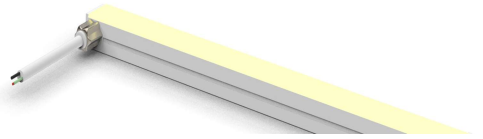
\* Customizable—Contact Beamever representatives

## Feed Entry Options

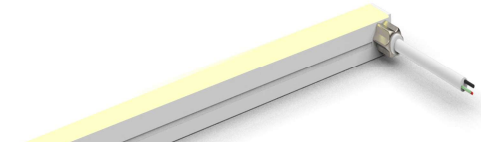
Front feed entry (F)



Left side feed entry (LS)



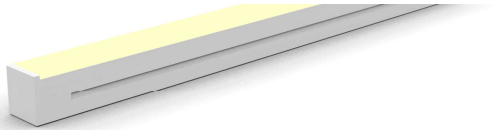
Right side feed entry (RS)



Bottom feed entry (B)



Closed feed entry (C)

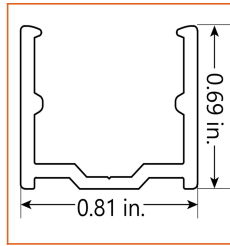
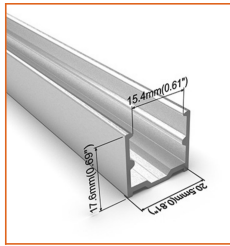
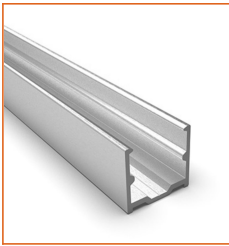


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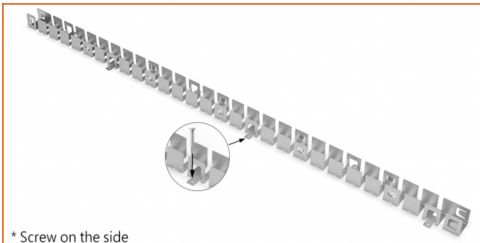
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## Mounting Options

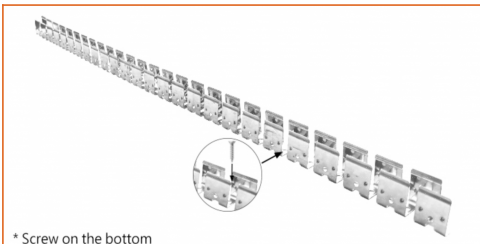
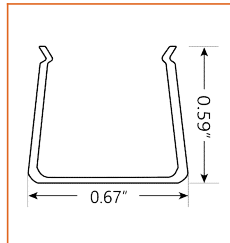


\* Standard length is 3.28' / pcs.



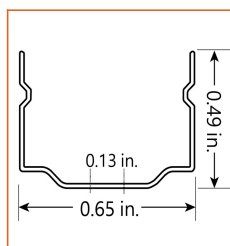
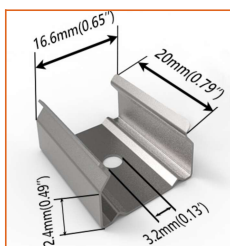
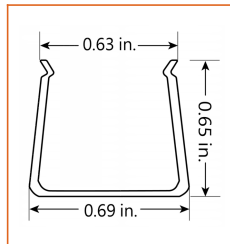
\* Screw on the side

\* Standard length is 1.64' / pcs.

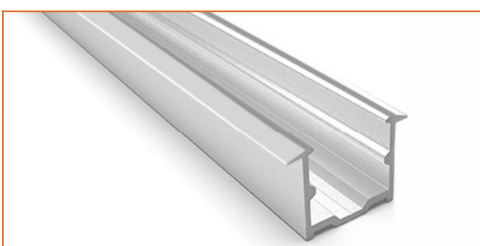


\* Screw on the bottom

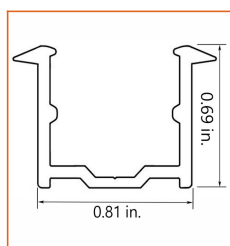
\* Standard length is 3.28' / pcs.



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



\* Standard length is 3.28' / pcs.



Name	Straight aluminum channel
Code	LN1615-SC
Material	Aluminum
Mounting style	Surface mounted
Length	3.28' (1m)
Width	0.81" (20.5mm)
Height	0.69" (17.6mm)
Internal width	0.61" (15.4mm)

Name	Bendable channel (Side screw)
Code	LN1615-BC-S
Material	Stainless Steel
Mounting style	Surface mounted
Length	1.64' (0.5m)
Width	1.20" (30.4mm)
Height	0.59" (15mm)
Internal Width	0.67" (17mm)

Name	Bendable channel (Bottom screw)
Code	LN1615-BC-B
Material	Stainless Steel
Mounting style	Surface mounted
Length	3.28' (1m)
Width	0.69" (17.5mm)
Height	0.65" (16.6mm)
Internal Width	0.63" (16mm)

Name	Mounting clip
Code	LN1615-CL
Material	Stainless Steel
Mounting style	Surface mounted
Length	0.79" (20mm)
Width	0.65" (16.6mm)
Height	0.49" (12.4mm)
Internal Width	/

Name	Recessed straight channel
Code	LN1615-RSC
Material	Aluminum
Mounting style	Recessed mounted
Length	3.28' (1m)
Width	0.81" (20.5mm)
Height	0.69" (17.6mm)
Internal width	/

**Driver Options**

Code	Max Load	Input	Output	Dimmable	Class 2	Environment	Size (L*W*H)
LM-100-24-U2A2	100W	100-277VAC	24V	Yes	No	Dry	13.86 x 1.69 x 1.18 inch

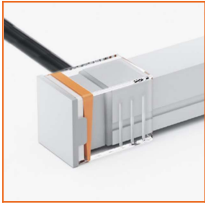
\* Please refer to the spec sheet of each power supply for more detailed information

**Accessories Options (Optional, purchase for extra)**

	<p>Name Silicone closed end cap</p> <p>Code LN1615-SEC-C</p> <p>Closed silicone end cap</p>		<p>Name Silicone front end cap</p> <p>Code LN1615-SEC-F-3P</p> <p>Silicone end cap front entry with 11.81" black cable, 3 pin</p>
	<p>Name Silicone side end cap</p> <p>Code LN1615-SEC-S-3P</p> <p>Silicone end cap side entry with 11.81" black cable, 3 pin</p>		<p>Name Silicone bottom end cap</p> <p>Code LN1615-SEC-B-3P</p> <p>Silicone end cap bottom entry with 11.81" black cable, 3 pin</p>
	<p>Name Mechanical end cap (G1)</p> <p>Code LN1615-MEC1-C</p> <p>Mechanical closed end cap with screws (G1)</p>		<p>Name Mechanical end cap (G1)</p> <p>Code LN1615-MEC1-F-3P</p> <p>Mechanical end cap with screws (G1), front entry with 11.81" black cable, 3 pin</p>
	<p>Name Mechanical end cap (G1)</p> <p>Code LN1615-MEC1-LS-3P</p> <p>Mechanical end cap with screws (G1), left side entry with 11.81" black cable, 3 pin</p>		<p>Name Mechanical end cap (G1)</p> <p>Code LN1615-MEC1-RS-3P</p> <p>Mechanical end cap with screws (G1), right side entry with 11.81" black cable, 3 pin</p>
	<p>Name Mechanical end cap (G1)</p> <p>Code LN1615-MEC1-B-3P</p> <p>Mechanical end cap with screws (G1), bottom entry with 11.81" black cable, 3 pin</p>		<p>Name Mechanical end cap (G3)</p> <p>Code LN1615-MEC3-C</p> <p>Screw-free mechanical closed end cap (G3)</p>
	<p>Name Mechanical end cap (G3)</p> <p>Code LN1615-MEC3-F-3P</p> <p>Screw-free mechanical end cap (G3), front entry with 11.81" black cable, 3 pin</p>		<p>Name Mechanical end cap (G3)</p> <p>Code LN1615-MEC3-LS-3P</p> <p>Screw-free mechanical end cap (G3), left side entry with 11.81" black cable, 3 pin</p>

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Name Mechanical end cap (G3)  
Code LN1615-MEC3-RS-3P  
Screw-free mechanical end cap (G3), right side entry with 11.81" black cable, 3 pin



Name Mechanical end cap (G3)  
Code LN1615-MEC3-B-3P  
Screw-free mechanical end cap (G3), bottom entry with 11.81" black cable, 3 pin



Name Male and female connectors  
Code MFC-3P-67  
Male and female connectors with 11.81" white cable, 3 pin



Name Extension connectors  
Code ETC-3P-67-1M  
Extension Male and female connectors with 3.28ft white cable, 3 pin



Name Extension connectors  
Code ETC-3P-67-5M  
Extension Male and female connectors with 16.4ft white cable, 3 pin



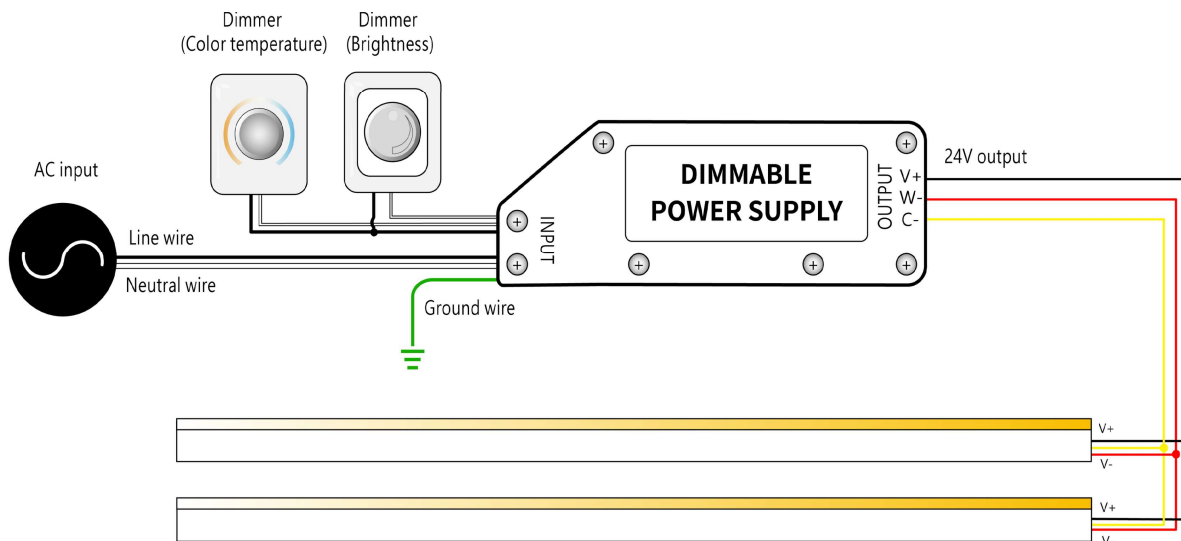
Name Silicone glue  
Code SG  
Silicone glue



Name Suspension cord  
Code LN1615-SPC  
Use with the channel

## Wiring Diagram

### Dimmable



\* Dimmers need to be purchased separately