

# LINIO NEON 1615 TV

Outdoor · Vertical Bending · Field Cuttable

# Beamever

## Features

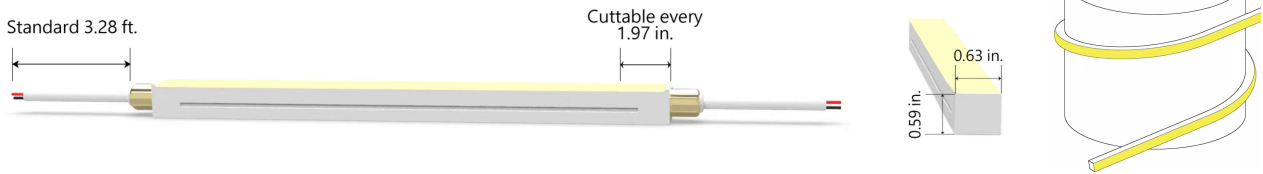
- Field cuttable & joinable
- Low voltage 24V DC
- All dimming protocols dimmable
- Max run length up to 88ft from single power feed
- IP67 rated, ideal for indoor and outdoor use
- UV stable without yellowing or cracking over time



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 60°C (140°F)@3.05W
Max. Production Length	98.43ft (30m)

## Performance & Electrical

Voltage	24VDC (23.5Vmin, 24.5Vmax)
Beam Angle	120°
MacAdam	2 steps
Efficacy (lm/W)	58lm/W @4000K 3.05W
CRI	Ra93
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	1.52W	3.05W	4.57W
■ 2200K	56	146	178
■ 2400K	61	159	195
■ 2700K	69	179	219
■ 3000K	72	185	232
■ 3500K	73	182	238
■ 4000K	71	175	229
■ 6500K	72	177	234
Max. Run Length(ft)	88.56	55.76	45.92

# LINIO NEON 1615 TV

Outdoor · Vertical Bending · Field Cuttable



## Order Code

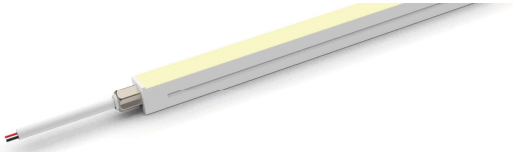
Series	Temp./Color	Power	Feed Entry	Connector Wire	End Cap	Length (ft)
LN1615TV	22=2200K	152=1.52W	FF=Front + Front	OW=Open wire 3.28'	IJ=Injected end cap (IP67)	Min. - 1.97"
	24=2400K	305=3.05W	BB=Bottom + Bottom	MFC=Male & female connector 0.98'	SEC=Silicone end cap (IP67)	Max. - 98.4'
	27=2700K	457=4.57W	LSSL=Left Side + Left Side		MEC=Mechanical end cap (IP67)	Cut Inc. - 1.97"
	30=3000K		RSRS=Right Side + Right Side		* End caps are added by default	
	35=3500K		Side		* MEC will reduce max. run length, consult Beamever for specific data	
	40=4000K		FC=Front + Closed			
65=6500K		FB=Front + Bottom				
		FSL=Front + Left Side				
		FRS=Front + Right Side				
		BC=Bottom + Closed				
		BLS=Bottom + Left Side				
		BRS=Bottom + Right side				
		LSC=Left side + Closed				
		RSC=Right side + Closed				
		LSRS=Left side + Right side				

Example: LN1615TV-30-305-FF-OW-IJ-11'

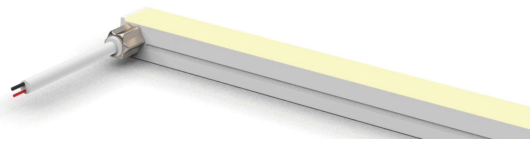
\* Customizable—Contact Beamever representatives

## Feed Entry Options

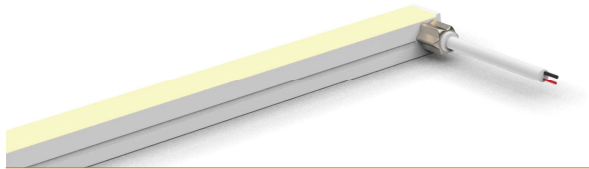
Front feed entry (F)



Left side feed entry (LS)



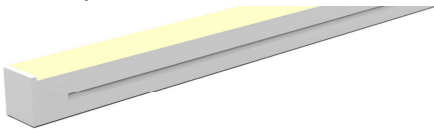
Right side feed entry (RS)



Bottom feed entry (B)



Closed feed entry (C)

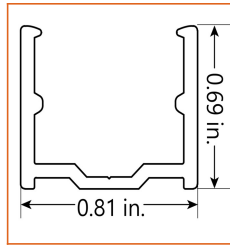
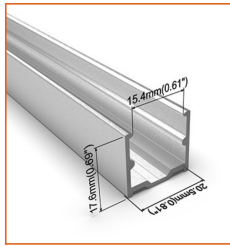
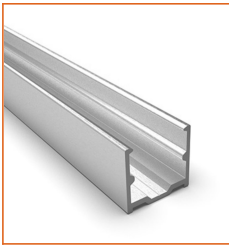


# LINIO NEON 1615 TV

Outdoor · Vertical Bending · Field Cuttable

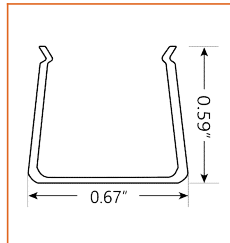
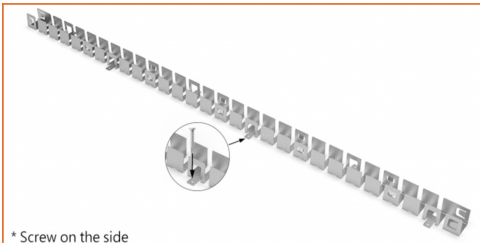


## Mounting Options



\* Standard length is 3.28' / pcs.

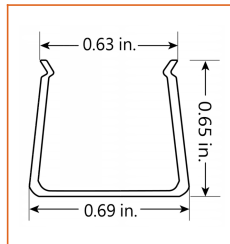
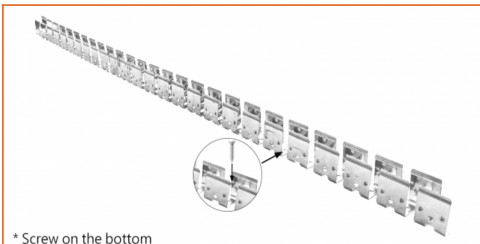
Name	Straight aluminum channel
Code	LN1615-SC
Material	Aluminum
Mounting style	Surface mounted
Length	3.28' (1m)
Width	0.81" (20.5mm)
Height	0.69" (17.6mm)
Internal width	0.61" (15.4mm)



\* Screw on the side

\* Standard length is 1.64' / pcs.

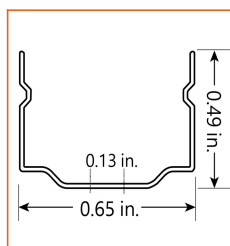
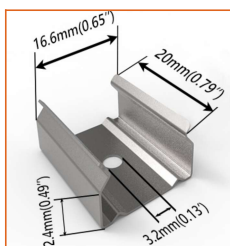
Name	Bendable channel (Side screw)
Code	LN1615-BC-S
Material	Stainless Steel
Mounting style	Surface mounted
Length	1.64' (0.5m)
Width	1.20" (30.4mm)
Height	0.59" (15mm)
Internal Width	0.67" (17mm)



\* Screw on the bottom

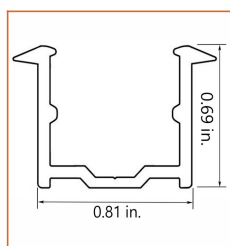
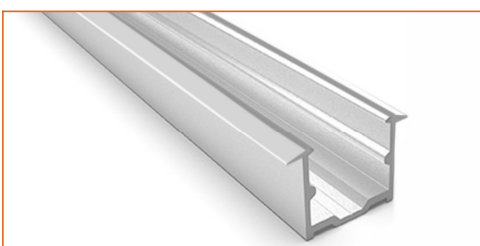
\* Standard length is 3.28' / pcs.

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)



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

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	/



\* Standard length is 3.28' / pcs.

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)
<b>Non Dimmable</b>							
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
<b>Phase cut /Triac Dimmable</b>							
KVF-24030-TDW	30W	100-277VAC	24V	Yes	Yes	Dry/damp	6.10*2.12*0.78 inch
KVF-24060-TDW	60W	100-277VAC	24V	Yes	Yes	Dry/damp	7*2.4*0.94 inch
KVF-24096-TDW	96W	100-277VAC	24V	Yes	Yes	Dry/damp/wet	9.05*2.75*1.69 inch
KVF-24150-TDW	150W	100-277VAC	24V	Yes	No	Dry/damp/wet	10*3.07*1.85 inch
KVF-24200-TDW	200W	100-277VAC	24V	Yes	No	Dry/damp/wet	10*3.07*1.85 inch
KVF-24300-TDW	300W	100-277VAC	24V	Yes	No	Dry/damp/wet	10.87*3.07*1.85 inch
<b>4 in 1 Dimmable (0-10V/1-10V/Potentiometer/10V PWM)</b>							
KVD-24030-DIM	30W	100-277VAC	24V	Yes	Yes	Dry/damp	6.10*2.12*0.78 inch
KVD-24060-DIM	60W	100-277VAC	24V	Yes	Yes	Dry/damp	7.01*2.40*0.94 inch
KVD-24096-DIM	96W	100-277VAC	24V	Yes	Yes	Dry/damp/wet	9.05*2.75*1.69 inch
KVD-24150-DIM	150W	100-277VAC	24V	Yes	No	Dry/damp/wet	10.08*3.07*1.85 inch
KVD-24200-DIM	200W	100-277VAC	24V	Yes	No	Dry/damp/wet	13.38*11.02*7.28 inch
KVD-24300-DIM	300W	100-277VAC	24V	Yes	No	Dry/damp/wet	10.87*3.07*1.89 inch
<b>5 in 1 Dimmable (Triac/0-10V/1-10V/Potentiometer/10V PWM)</b>							
KVG-24030-DW	30W	100-277VAC	24V	Yes	Yes	Dry/damp	6.1*2.13*0.79 inch
KVG-24060-DW	60W	100-277VAC	24V	Yes	Yes	Dry/damp	7.01*2.41*0.94 inch
KVG-24096-DW	96W	100-277VAC	24V	Yes	Yes	Dry/damp/wet	9.06*2.76*1.69 inch
KVG-24150-DW	150W	100-277VAC	24V	Yes	No	Dry/damp/wet	10.08*3.07*1.85 inch
KVG-24200-DW	200W	100-277VAC	24V	Yes	No	Dry/damp/wet	10.08*3.07*1.85 inch
KVG-24300-DW	300W	100-277VAC	24V	Yes	No	Dry/damp/wet	10.87*3.07*1.89 inch

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

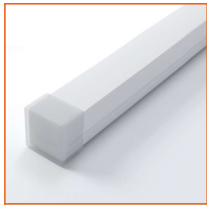
\* KVF, KVD, KVG series are available in junction box enclosure, you can select it by adding "J" at the end of the driver code, e.g. KVF-24030-TDWJ, and refer to its standalone spec sheet on our website.

# LINIO NEON 1615 TV

Outdoor · Vertical Bending · Field Cuttable



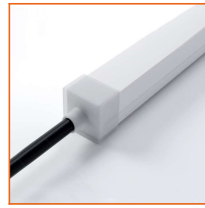
## Accessories Options (Optional, purchase for extra)



Name Silicone closed end cap

Code LN1615-SEC-C

Closed silicone end cap



Name Silicone front end cap

Code LN1615-SEC-F-2P

Silicone end cap front entry with 11.81" black cable, 2 pin



Name Silicone side end cap

Code LN1615-SEC-S-2P

Silicone end cap side entry with 11.81" black cable, 2 pin



Name Silicone bottom end cap

Code LN1615-SEC-B-2P

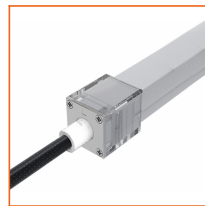
Silicone end cap bottom entry with 11.81" black cable, 2 pin



Name Mechanical end cap (G1)

Code LN1615-MEC1-C

Mechanical closed end cap with screws (G1)



Name Mechanical end cap (G1)

Code LN1615-MEC1-F-2P

Mechanical end cap with screws (G1), front entry with 11.81" black cable, 2 pin



Name Mechanical end cap (G1)

Code LN1615-MEC1-LS-2P

Mechanical end cap with screws (G1), left side entry with 11.81" black cable, 2 pin



Name Mechanical end cap (G1)

Code LN1615-MEC1-RS-2P

Mechanical end cap with screws (G1), right side entry with 11.81" black cable, 2 pin



Name Mechanical end cap (G1)

Code LN1615-MEC1-B-2P

Mechanical end cap with screws (G1), bottom entry with 11.81" black cable, 2 pin



Name Mechanical end cap (G3)

Code LN1615-MEC3-C

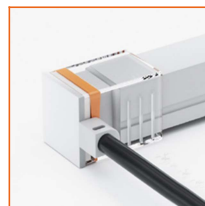
Screw-free mechanical closed end cap (G3)



Name Mechanical end cap (G3)

Code LN1615-MEC3-F-2P

Screw-free mechanical end cap (G3), front entry with 11.81" black cable, 2 pin



Name Mechanical end cap (G3)

Code LN1615-MEC3-LS-2P

Screw-free mechanical end cap (G3), left side entry with 11.81" black cable, 2 pin



Name Mechanical end cap (G3)

Code LN1615-MEC3-RS-2P

Screw-free mechanical end cap (G3), right side entry with 11.81" black cable, 2 pin



Name Mechanical end cap (G3)

Code LN1615-MEC3-B-2P

Screw-free mechanical end cap (G3), bottom entry with 11.81" black cable, 2 pin

# LINIO NEON 1615 TV

Outdoor · Vertical Bending · Field Cuttable



Name Male and female connectors  
Code MFC-2P-67

Male and female connectors with 11.81" white cable, 2 pin



Name Extension connectors  
Code ETC-2P-67-1M

Extension Male and female connectors with 3.28ft white cable, 2 pin



Name Extension connectors  
Code ETC-2P-67-5M

Extension Male and female connectors with 16.4ft white cable, 2 pin



Name Silicone glue  
Code SG

Silicone glue

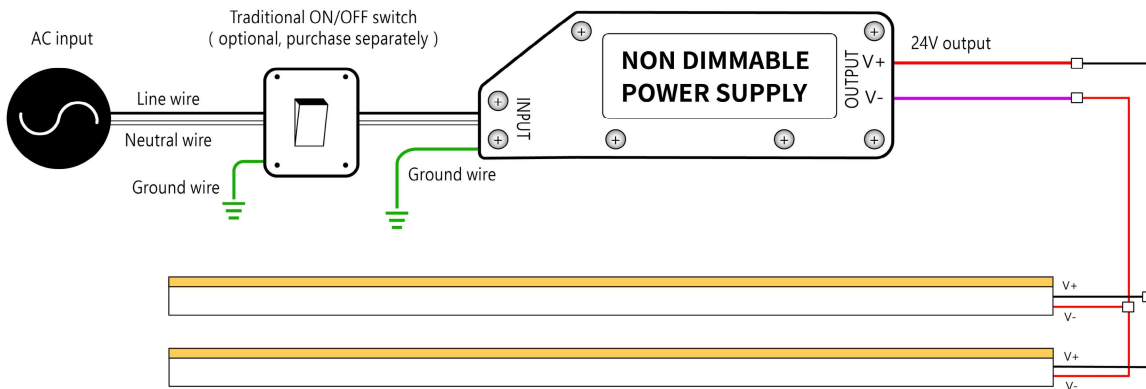


Name Suspension cord  
Code LN1615-SPC

Use with the channel

## Wiring Diagram

### Non Dimmable



### Dimmable

