

# LINIO NEON 1615 TV BLACK

Outdoor · Vertical Bending · Black Body

# Beamever

## Features

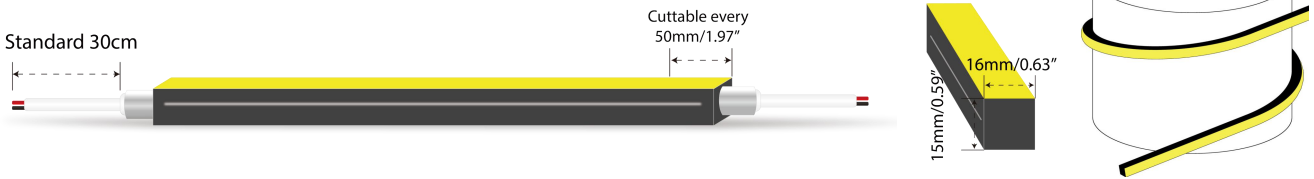
- Field cuttable & joinable
- Black color body finish
- Low voltage 24V DC
- UV stable without yellowing or cracking over time
- IP67 rated, ideal for indoor and outdoor uses
- 5 years warranty



Fixture type	
Project name	
Project phase	
Date	



## Dimension & Bending



## Physical

Dimensions	16mm x 15mm (width x height)
Bend Direction	Vertical bending
Bend Diameter	240mm
Cutting Interval	50mm
Field Cuttable	Yes
Housing Material	Dow Corning
Housing Technique	Co-extrusion
Body Color	Black
Finish	Matte
Feed Entry	Front, side, bottom
Feed Length	Standard length 30cm
End Cap	Injected (Factory made only)
Mounting	Clips or channel (rigid or bendable)
Storage Temperature	-25~60°C (-13~140°F)
Ambient Temperature	T <sub>min</sub> = -25°C/-13°F, T <sub>max</sub> (See below)
Max. Production Length	30m

## Performance & Electrical

Voltage	24VDC (23.5Vmin, 24.5Vmax)
Beam Angle	120°
MacAdam	2 steps
Efficacy (lm/W)	15.8lm/W @10W
CRI	>90
Lumen Maintenance	> 54,000 hours
IP Rating	IP67
Resistance	UV, solvent, saltwater, flame
Dimming	PWM, 0-10V, DMX
Warranty	5 years

## Certification & Safety

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

Lumen/m	5W	10W	15W
■ 2700K	79	158	235
■ 3000K	76.5	153	229.5
■ 3500K	81	162	240
■ 4000K	78	158	236.5
Max. Run Length (m)	27	17	14
Max. Run for Mechanical End Cap (m)	20	10	6.6
Ambient Temperature (T <sub>max</sub> )	55°C/131°F	45°C/113°F	35°C/95°F

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## Order Code

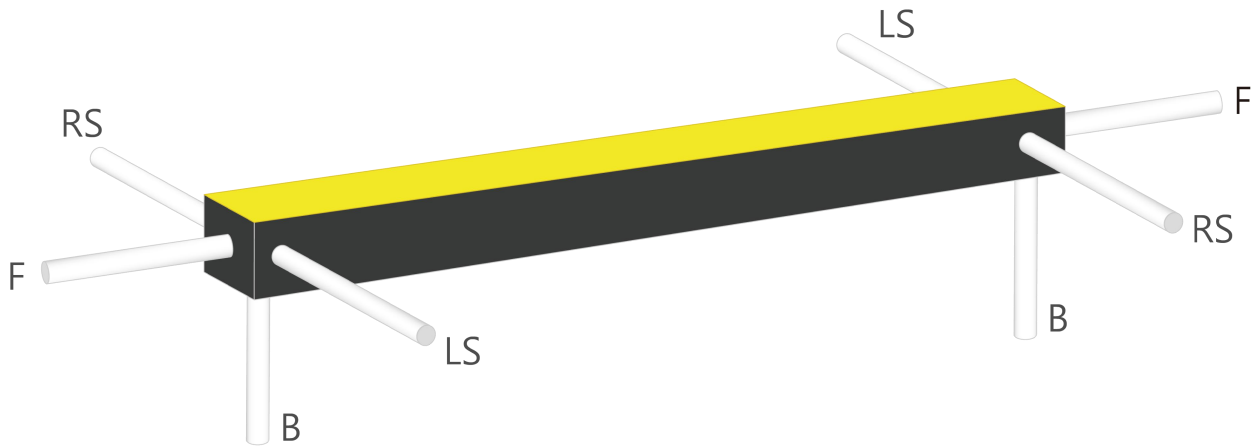
Series	Temp./Color	Power	Feed Entry	Connector Wire	End Cap	Length (mm)
LN1615TVB	27=2700K 30=3000K 35=3500K 40=4000K	005=5W 010=10W 015=15W	FF=Front + Front BB=Bottom + Bottom SS=Side + Side FC=Front + Closed FB=Front + Bottom BF=Bottom+Front FLS=Front + Left Side FRS=Front + Right Side BC=Bottom + Closed BLS=Bottom + Left Side BRS=Bottom + Right Side LSC=Left Side + Closed RSC=Right Side + Closed	OW=Open wire 30cm MFCB=Male & female connector with 30cm black cable	IJ=Injected end cap (IP67) MEC=Mechanical end cap (IP67) * End caps are added by default * MEC will reduce max. run length, consult Beamever for specific data	Min. - 50mm Max. run - 27000mm@5W - 17000mm@10W - 14000mm@15W Cut Inc. - 50mm

Example: LN1615TVB-27-005-FF-OW-IJ-05000

\* Customizable—Contact Beamever representatives

## Feed Entry Options

For injected end cap (IP67), factory made only



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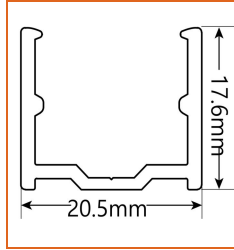
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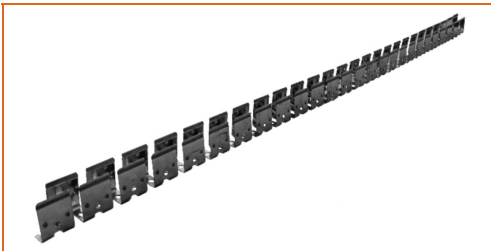
## Mounting Options



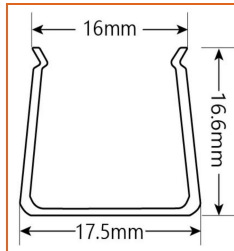
\* Standard length is 1m/pcs.



Name	Black Straight Aluminum channel
Code	LN1615B-SC
Material	Aluminum
Mounting style	Surface mounted
Length	1m
Width	20.5mm
Height	17.6mm
Internal width	15.4mm



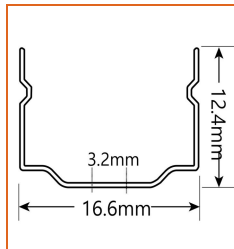
\* Standard length is 1m/pcs.



Name	Bendable channel (Bottom screw)
Code	LN1615TV-BC-B
Material	Stainless Steel
Mounting style	Surface mounted
Length	1m
Width	17.5mm
Height	16.6mm
Internal Width	16mm



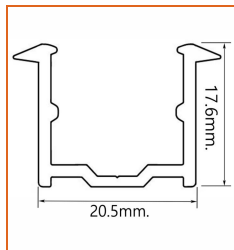
\* Recommend use 3 mounting clips for 1m of neon.



Name	Black Mounting clip
Code	LN1615B-CL
Material	Stainless steel
Mounting style	Surface mounted
Length	20mm
Width	16.6mm
Height	12.4mm
Internal Width	/



\* Standard length is 1m/pcs.



Name	Black Recessed straight channel
Code	LN1615B-RSC
Material	Aluminum
Mounting style	Recessed mounted
Length	1m
Width	20.5mm
Height	17.6mm
Internal width	/

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## Driver Options

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

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)

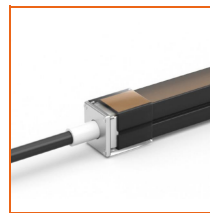
## Accessories Options



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 30cm black cable, 2 pin



Name Mechanical end cap (G1)

Code LN1615-MEC1-LS-2P

Mechanical end cap with screws (G1), left side entry with 30cm black cable, 2 pin



Name Mechanical end cap (G1)

Code LN1615-MEC1-RS-2P

Mechanical end cap with screws (G1), right side entry with 30cm black cable, 2 pin



Name Mechanical end cap (G1)

Code LN1615-MEC1-B-2P

Mechanical end cap with screws (G1), bottom entry with 30cm black cable, 2 pin



Name Male and female connectors

Code MFC-2P-67-B

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



Name Extension connectors

Code ETC-2P-67-1M

Extension Male and female connectors with 1m black cable, 2 pin



Name Extension connectors

Code ETC-2P-67-5M

Extension Male and female connectors with 5m black cable, 2 pin

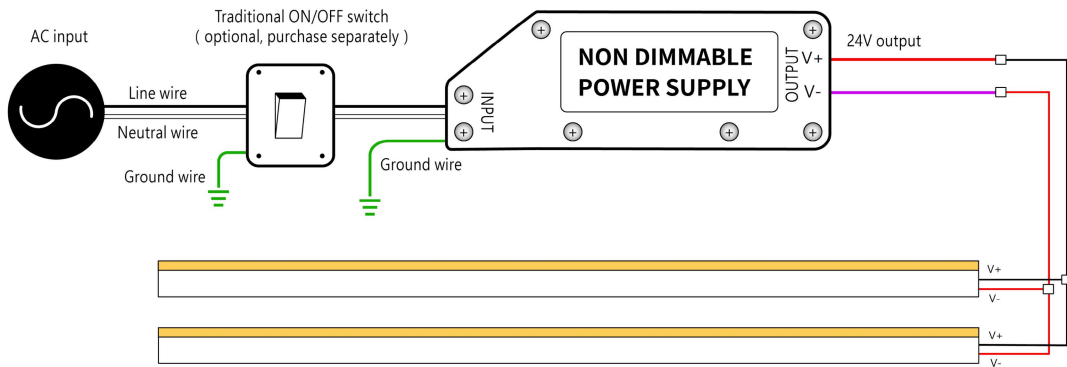
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## Wiring Diagram

### Non Dimmable



### Dimmable

