

# LINIO NEON 1615 SV

Outdoor · Horizontal Bending · Field Cuttable

# Beamever

## Features

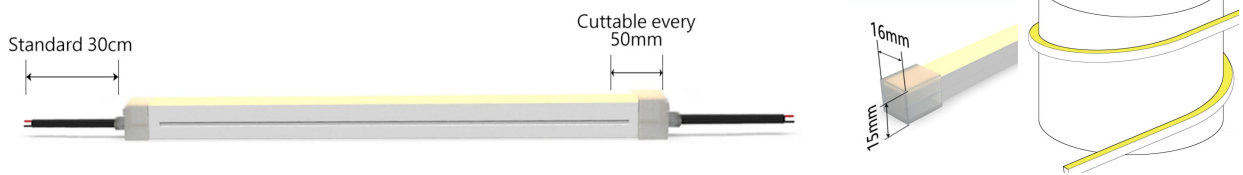
- Field cuttable & joinable
- Low voltage 24V DC
- All dimming protocols dimmable
- Max run length up to 25m from single power feed
- IP67 rated, ideal for indoor and outdoor use
- UV stable without yellowing or cracking over time



Fixture type	
Project name	
Project phase	
Date	



## Dimension & Bending



## Physical

Dimensions	16mm x 15mm (width x height)
Bend Direction	Horizontal bending
Bend Diameter	240mm
Cutting Interval	50mm
Field Cuttable	Yes
Housing Material	Dow Corning
Housing Technique	Co-extrusion
Body Color	White
Finish	Matte
Feed Entry	Front, side, bottom
Feed Length	Standard length 30cm
End Cap	Silicone
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)
Max. Production Length	30m

## Performance & Electrical

Voltage	24VDC (23.5Vmin, 24.5Vmax)
Beam Angle	120°
MacAdam	2 steps
Efficacy (lm/W)	72lm/W @4000K 10W
CRI	Ra90
Lumen Maintenance	> 54,000 hours
IP Rating	IP67
Resistance	UV, solvent, saltwater, flame
Dimming	PWM, 0-10V, DMX,
Control Protocol	N/A
Warranty	5 years

## Certification & Safety

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

Lumen/m	5W	10W	15W
■ 2400K	311	617	903
■ 2700K	355	661	942
■ 3000K	293	575	819
■ 3500K	337	626	892
■ 4000K	386	717	1022
■ 5300K	402	747	1065
Max. Run Length(m)	25	17	13

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## Order Code

Series	Temp./Color	Power	Feed Entry	Connector Wire	End Cap	Length(mm)
LN1615SV	24=2400K 27=2700K 30=3000K 35=3500K 40=4000K 53=5300K	005=5W 010=10W 015=15W	FF=Front + Front BB=Bottom + Bottom LSLS=Left Side + Left Side FC=Front + Closed FB=Front + Bottom BLS=Bottom + Left Side FRS=Front + Right Side	OW=Open wire 30cm MFC=Male & female connector 30cm	SEC=Silicone end cap (IP67) MEC=Mechanical end cap (IP67)	Min. - 50mm Max. - 30000mm Cut Inc. - 50mm

Example: LN1615SV-30-005-FF-OW-IJ-01000

\* Customizable—Contact Beamever representatives

## Channels or clips

Code	Description
LN1615-SC	1m straight aluminium channel
LN1615-BC-B	1m bendable stainless steel channel
LN1615-CL	Stainless steel clip (recommend 1 clip per meter)
LN1615-RSC	1m recessed mounted straight aluminum channel

\* For customization, please specify your demands to your Beamever representatives.

## Accessories (Optional)

Code	Description
LN1615-SEC-C	Silicone closed end cap
MFC-2P-67	Male and female connectors with 30cm cable, IP67, 2 pin
ETC-2P-67-1M	Extension Male and female connectors with 1m cable, IP67, 2 pin

\* Please refer to "Accessories options" for more models available.

## Power supplies

Code	Description
XLG-150-24-A	PSU 24V/150W IP67, Non dimmable, White
ELG-150-24B-3Y	PSU 24V/150W IP67, 3 in 1 dimming function
ELG-150-24DA-3Y	PSU 24V/150W IP67, DALI control technology

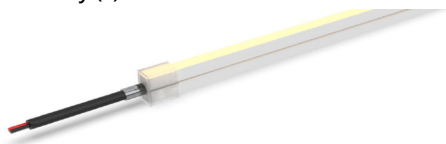
\* Please refer to "Power supplies options" for more models available.

## Note

\* Leave your comments or other customized demands (if any) and contact Beamever.

## Feed Entry Options

Front feed entry (F)



Left side feed entry (LS)



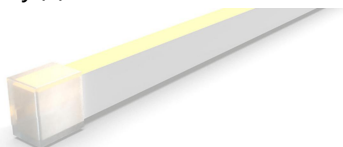
Right side feed entry (RS)



Bottom feed entry (B)



Closed feed entry (C)

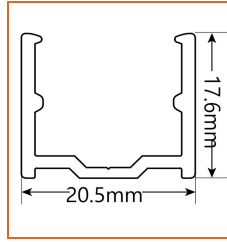
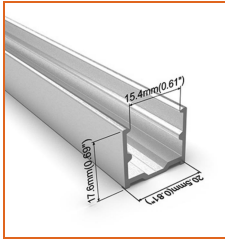
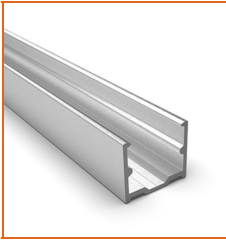


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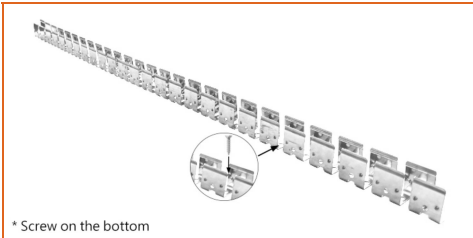


## Mounting Options



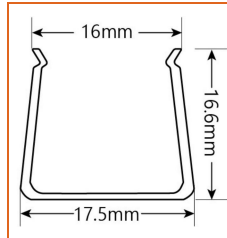
\* Standard length is 1m/pcs.

Name	Straight aluminum channel
Code	LN1615-SC
Material	Aluminum
Mounting style	Surface mounted
Length	1m
Width	20.5mm
Height	17.6mm
Internal width	15.4mm

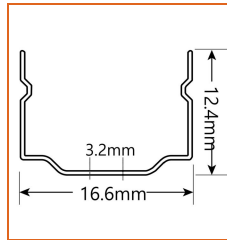
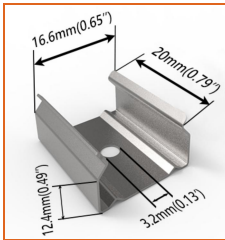


\* Screw on the bottom

\* Standard length is 1m/pcs.



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

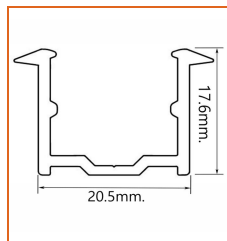


\* Recommend use 1 mounting clip for 1m of neon.

Name	Mounting clip
Code	LN1615-CL
Material	Stainless Steel
Mounting style	Surface mounted
Length	20mm
Width	16.6mm
Height	12.4mm
Internal Width	/



\* Standard length is 1m/pcs.



Name	Recessed straight channel
Code	LN1615-RSC
Material	Aluminum
Mounting style	Recessed mounted
Length	1m
Width	20.5mm
Height	17.6mm
Internal width	/

## Power Supplies Options

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

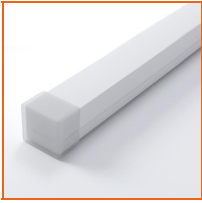
Code	Max Load	Input	Output	Dimming	Environment	Size
XLG-150-24-A	150W	100-305VAC	24VDC	Non-Dim	Dry/Damp/IP67	180x63x35.5mm (L x W x H)
ELG-150-24B-3Y	150W	100-305VAC	24VDC	3 in 1 dimming	Dry/Damp/IP67	219x63x35.5mm (LxWxH)
ELG-150-24DA-3Y	150W	100-305VAC	24VDC	DALI control technology	Dry/Damp/IP67	219x63x35.5mm (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)

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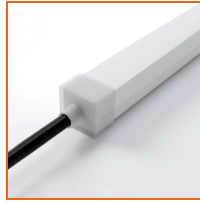
## Accessories Options



Name Silicone closed end cap

Code LN1615-SEC-C

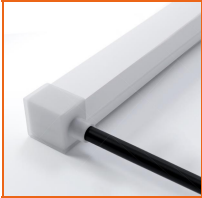
Closed silicone end cap for LINIO NEON 1615 TV



Name Silicone front end cap

Code LN1615-SEC-F-2P

Silicone end cap front entry with 30cm black cable, 2 pin



Name Silicone side end cap

Code LN1615-SEC-S-2P

Silicone end cap side entry with 30cm black cable, 2 pin



Name Silicone bottom end cap

Code LN1615-SEC-B-2P

Silicone end cap bottom entry with 30cm black cable, 2 pin



Name Male and female connectors

Code MFC-2P-67

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



Name Extension connectors

Code ETC-2P-67-1M

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



Name Extension connectors

Code ETC-2P-67-5M

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



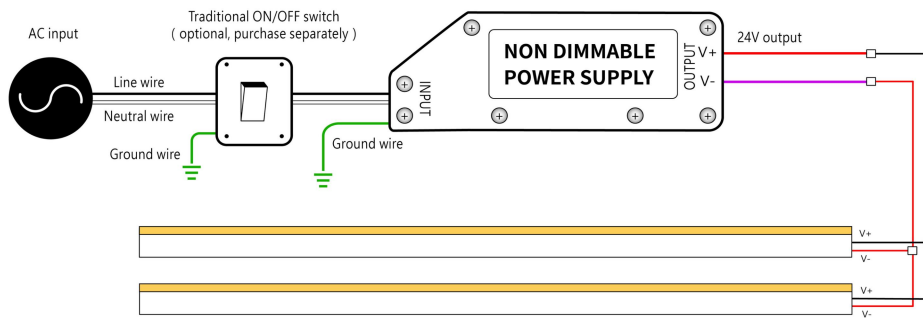
Name Silicone glue

Code SG

Silicone glue

## Wiring Diagram

### Non Dimmable



### Dimmable

