

# LINIO NEON 1615 SV TW

Outdoor · Tunable White · Field Cuttable

**Beamever**

## Features

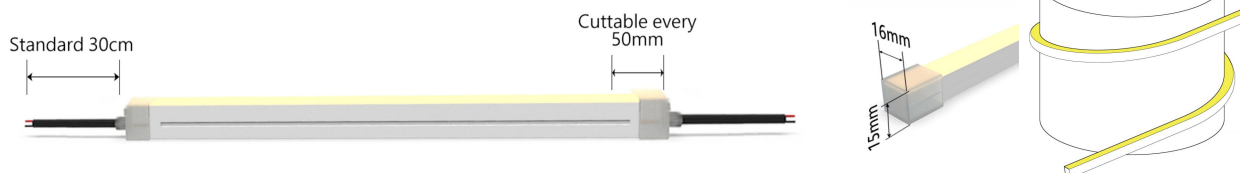
- Field cuttable & joinable
- Low voltage 24V DC
- Tunable white, CCT changing from 2700K to 5300K
- IP67 rated, ideal for indoor and outdoor uses
- UV stable without yellowing or cracking over time
- 5 years warranty



Fixture type	
Project name	
Project phase	
Date	



## Dimension & Bending



## Physical

Dimensions	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 45°C (113°F)@15W
Max. Production Length	30m

## Performance & Electrical

Voltage	24VDC (23.5Vmin, 24.5Vmax)
Beam Angle	120°
MacAdam	3 steps
Efficacy (lm/W)	69lm/W @2700K+5300K 15W
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	15W
■ 2700K	510
■ 5300K	533
■ 2700K+5300K	1035
Max. Run Length(m)	5

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## Order Code

Series	Temp./Color	Power	Feed Entry	Connector Wire	End Cap	Length(mm)
LN1615SV	2753=2700K+53 00K	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-2753-015-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 30cm)
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-3P-67	Male and female connectors with 30cm cable, IP67, 3 pin
ETC-3P-67-1M	Extension Male and female connectors with 1m cable, IP67, 3 pin

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

## Power supplies or controllers

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" and "DMX decoders and controllers 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)



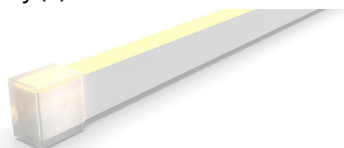
Right side feed entry (RS)



Bottom feed entry (B)



Closed feed entry (C)

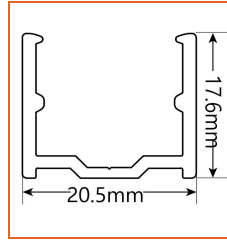
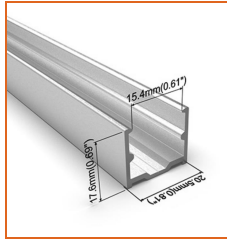
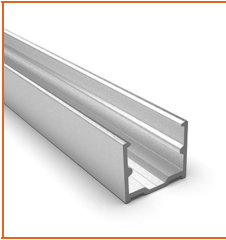


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## Mounting Options



\* Standard length is 1m/pcs.

Name Straight aluminum channel

Code LN1615SV-SC

Material Aluminum

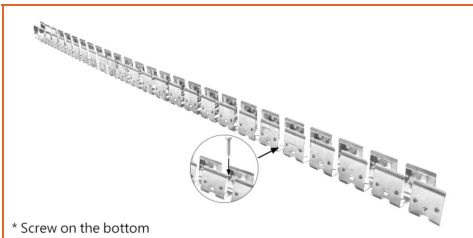
Mounting style Surface/recessed mounted

Length 1m

Width 20.5mm

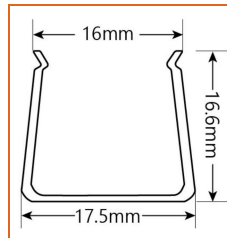
Height 17.6mm

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

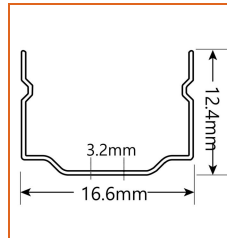
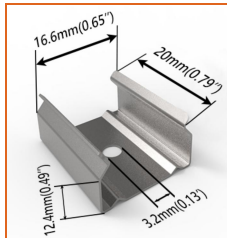
Mounting style Surface mounted

Length 1m

Width 17.5mm

Height 16.6mm

Internal Width 16mm



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

Name Mounting clip

Code LN1615SV-CL

Material Stainless Steel

Mounting style Surface mounted

Length 20mm

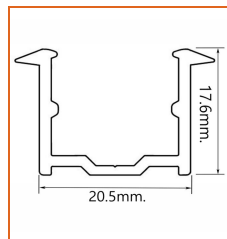
Width 16.6mm

Height 12.4mm

Internal Width /



\* Standard length is 1m/pcs.



Name Recessed straight channel

Code LN1615SV-RSC

Material Aluminum

Mounting style Recessed mounted

Length 1m

Width 20.5mm

Height 17.6mm

Internal width /

**Power Supplies Options**

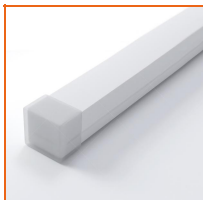
\* Please refer to the spec sheet of each power supply for more detailed information

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)
LM-100-24-1287	100W	120-277VAC	24VDC	0-10V (1-10V/10V PWM/RX, Push DIM/CCT)	Dry	352x43x30mm (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)

**DMX Decoders & Controllers Options**

Type	Code	Description	Environment	Size
DMX Decoders	LT-903	3 channels output, Max. 8A current per channel, up to 576W output power	Indoor	122x110x3mm (L x W x H)
Controllers	M2+M3-3A	3 channels output, Max. 3A current per channel, up to 216W output power	Indoor	135x30x20mm (L x W x H)
Controllers	GA2	512 DMX channels, 4 touch sensitive buttons (on/off, mode, previous, next)	Indoor	87x110x10mm (L x W x H)
Controllers	CW4	1024 DMX channels, 6 SECne buttons and a color wheel, ideal for hotels, homes and public environments	Indoor	145x107x10mm (L x W x H)

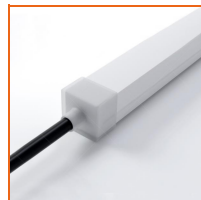
**Accessories Options**



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-3P

Silicone end cap front entry with 30cm black cable, 3 pin



Name Silicone side end cap

Code LN1615-SEC-S-3P

Silicone end cap side entry with 30cm black cable, 3 pin



Name Silicone bottom end cap

Code LN1615-SEC-B-3P

Silicone end cap bottom entry with 30cm black cable, 3 pin



Name Male and female connectors

Code MFC-3P-67

Male and female connectors with 30cm white cable, 3 pin



Name Extension connectors

Code ETC-3P-67-1M

Extension Male and female connectors with 1m white cable, 3 pin



Name Extension connectors

Code ETC-3P-67-5M

Extension Male and female connectors with 5m white cable, 3 pin



Name Silicone glue

Code SG

Silicone glue

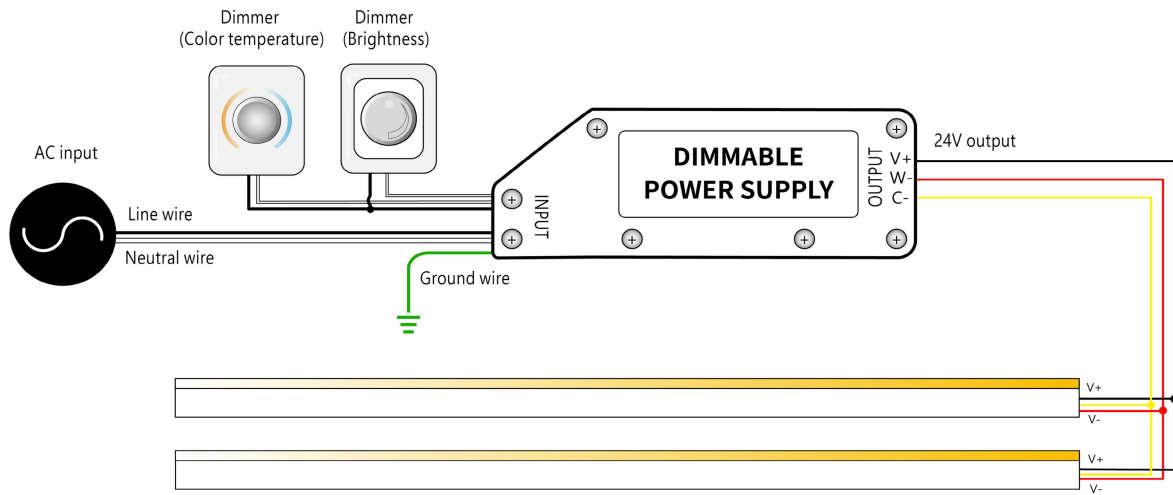
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## Wiring Diagram

Dimmable



\* Dimmers need to be purchased separately.