LINIO NEON 1615 TV TW

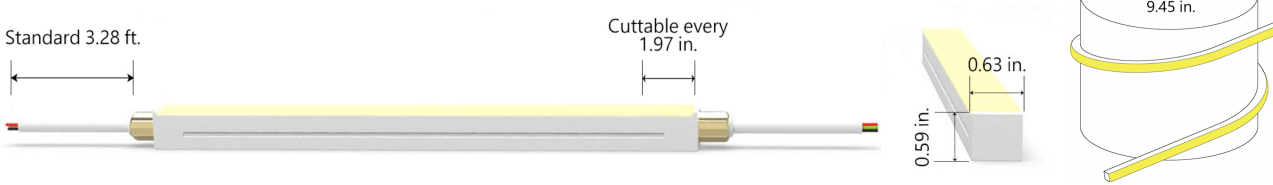Outdoor · Tunable White · Field Cuttable

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

UL · IP67 · OUTDOOR · WET LOCATION · 24V DC · 5 Yr. WARRANTY

FIELD CUTTABLE · FIELD JOINABLE · UV Stablized · DIMMABLE

Fixture type	
Project name	
Project phase	
Date	

Dimension & Bending

Standard 3.28 ft.

Cuttable every 1.97 in.

0.63 in.

0.59 in.

Bending Diameter 9.45 in.

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	Matte
Feed Entry	Front, side, bottom
Feed Length	Standard length 3.28'
End Cap	Injected/silicone/mechanical
Mounting	Clips or channels (rigid or bendable)
Storage Temperature	-25~60℃ (-13~140°F)
Ambient Temperature	See below table
Max. Production Length	98.43ft (30m)

Performance & Electrical

Voltage	24VDC (23.5Vmin, 24.5Vmax)
Beam Angle	120°
MacAdam	3 steps
Efficacy (lm/W)	49.6lm/W @5300K
CRI	>80
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	103
5300K	109
2700K+5300K	197
Max. Run Length (ft)	16.4
Max. Run for Mechanical End Cap (ft)	16.4
Ambient Temperature	-25~35℃ (-13~95°F) @4.57W -25~45℃ (-13~113°F) @2.29W (Single color)

I | Designer's Custom Playground

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Outdoor · Tunable White · Field Cuttable

Beamever

Order Code

Series	Temp./Color	Power	Feed Entry	Connector Wire	End Cap	Length (ft)
LN1615TV	2753=2700K+5300K	457=4.57W	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 3.28' MFCW=Male & female connector with 0.98' white cable MFCB=Male & female connector with 0.98' black cable	IJ=Injected end cap (IP67) * Factory made only SEC=Silicone end cap (IP67) MEC=Mechanical end cap (IP67) * End caps are added by default	Min. - 1.97'' Max. - 98.4' Cut Inc. - 1.97''

Example: LN1615TV-2753-457-FF-OW-IJ-11'   * Customizable—Contact Beamever representatives

*This product is not rated as submersible. Do not install in a location where water may pool or collect.
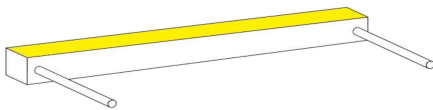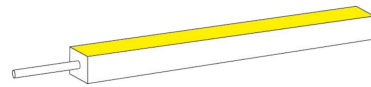
Feed Entry Options

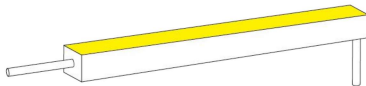### Front+Front feed entry (FF)
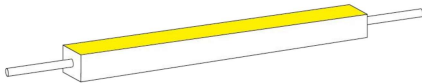
Bottom+Bottom feed entry (BB)
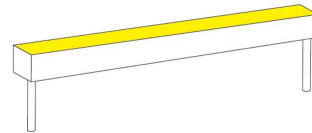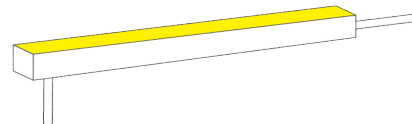

Side+Side feed entry (SS)
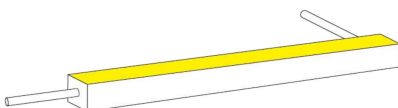

Front+Closed feed entry (FC)
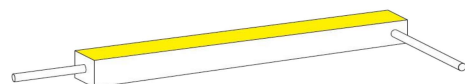

Front+Bottom feed entry (FB)
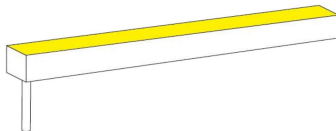

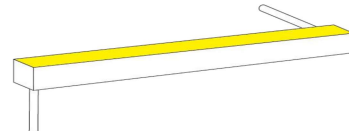### Bottom+Front feed entry (BF)

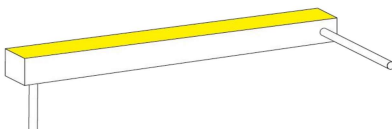### Front+Left Side feed entry (FLS)

Front+Right Side feed entry (FRS)
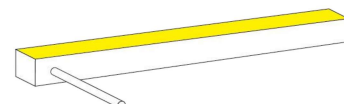

Bottom+Closed feed entry (BC)

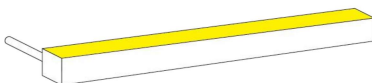### Bottom+Left Side feed entry (BLS)

Bottom+Right Side feed entry (BRS)

Left Side+Closed feed entry (LSC)

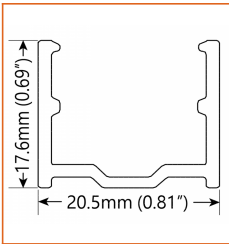### Right Side+Closed feed entry (RSC)

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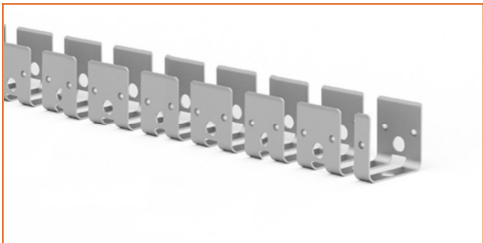## Outdoor · Tunable White · Field Cuttable
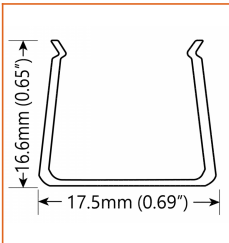
Mounting Options

* 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	/

* Standard length is 1.64'/pcs.

Name	Bendable channel
Code	LN1615-BC
Material	Stainless Steel
Mounting style	Surface mounted
Length	1.64' (0.5m)
Width	0.69" (17.5mm)
Height	0.65" (16.6mm)
Internal Width	/

* Standard length is 3.28'/pcs.
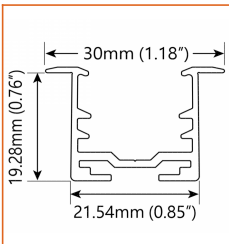
Name	Recessed straight channel
Code	LN1615-RSC
Material	Aluminum
Mounting style	Recessed mounted
Length	3.28' (1m)
Width	1.18'' (30mm)
Height	0.76'' (19.28)
Internal width	/

* Recommend use 1 mounting clip for 1' of neon.
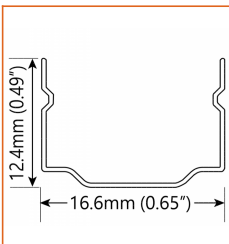
Name	Mounting clip
Code	LN1615-CL
Material	Stainless Steel
Mounting style	Surface mounted
Length	0.79" (20mm)
Width	0.65" (16.6mm)
Height	0.49" (12.4mm)
Internal Width	/

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)
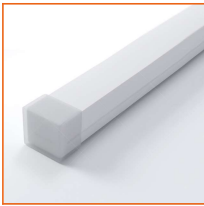
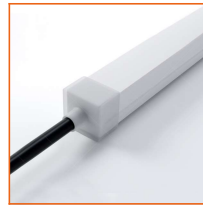|	
Name	Silicone closed end cap
Code	LN1615-SEC-C
	Closed silicone end cap

Name	Silicone front end cap
Code	LN1615-SEC-F-3P
	Silicone end cap front entry with 11.81'' black cable, 3 pin

Name	Silicone side end cap
Code	LN1615-SEC-S-3P
	Silicone end cap side entry with 11.81'' black cable, 3 pin

Name	Silicone bottom end cap
Code	LN1615-SEC-B-3P
	Silicone end cap bottom entry with 11.81'' black cable, 3 pin

Name	Mechanical end cap
Code	LN1615-MEC-C
	Mechanical closed end cap with screws
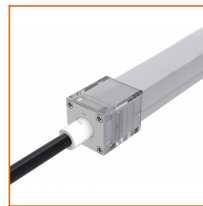
Name	Mechanical end cap
Code	LN1615-MEC-F-3P
	Mechanical end cap with screws, front entry with 11.81'' black cable, 3 pin

Name	Mechanical end cap
Code	LN1615-MEC-LS-3P
	Mechanical end cap with screws, left side entry with 11.81'' black cable, 3 pin

Name	Mechanical end cap
Code	LN1615-MEC-RS-3P
	Mechanical end cap with screws, right side entry with 11.81'' black cable, 3 pin

Name	Mechanical end cap
Code	LN1615-MEC-B-3P
	Mechanical end cap with screws, bottom entry with 11.81'' black cable, 3 pin

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

Name	Male and female connectors
Code	MFC-3P-67-B
	Male and female connectors with 11.81'' black cable, 3 pin

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

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

Wiring Diagram

Dimmable

Dimmer (Color temperature)

Dimmer (Brightness)

AC input

Line wire

Neutral wire

Ground wire

INPUT

DIMMABLE POWER SUPPLY

OUTPUT

V+
W-
C-

24V output

V+
V-
V+
V-
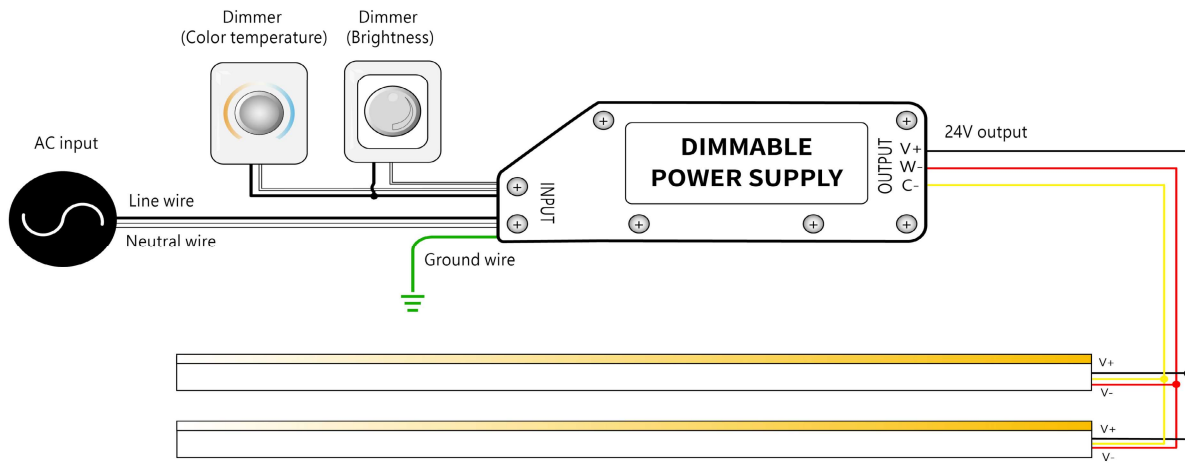
* Dimmers need to be purchased separately.