

# LINIO NEON 1617 TV

Outdoor · Vertical Bending · Long run



## Features

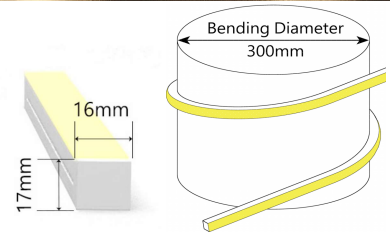
- Factory assembly
- Low voltage 24V DC
- All dimming protocols dimmable
- Max run length up to 35m from single power feed
- IP67 rated, ideal for indoor and outdoor use
- UV stable without yellowing or cracking over time



Fixture type	
Project name	
Project phase	
Date	



## Dimension & Bending



## Physical

Dimensions	16mm x 17mm (width x height)
Bend Direction	Vertical bending
Bend Diameter	300mm
Cutting Interval	50mm
Field Cuttable	No
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	Injected
Mounting	Clips or channels (rigid or bendable)
Storage Temperature	-25°C~60°C (-13°F~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	110°
MacAdam	2 steps
Efficacy (lm/W)	56.2lm/W @4000K 10W
CRI	>90
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, CE, REACH, RoHS, CB
Environment	Dry, damp or wet locations

Lumen/M	5W	10W	15W
■ 2200K	238	470	677
■ 2700K	244	485	694
■ 3000K	263	518	744
■ 3500K	274	543	782
■ 4000K	274	540	782
■ 5300K	259	514	734
Max. Run Length (M)	35	25	20
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)
LN1617TV	22=2200K 27=2700K 30=3000K 35=3500K 40=4000K 53=5300K	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 MFCW=Male & female connector with 30cm white cable MFCB=Male & female connector with 30cm black cable	IJ=Injected end cap (IP67) * Factory made only	Min. - 50mm Max. - 30000mm Cut Inc. - 50mm

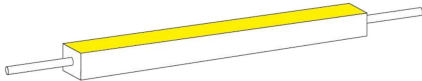
Example: LN1617TV-30-005-FF-OW-IJ-05000

\* Customizable—Contact Beamever representatives

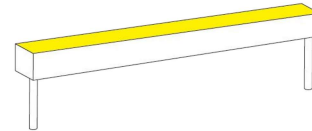
\*This product is not rated as submersible. Do not install in a location where water may pool or collect.

## Feed Entry Options

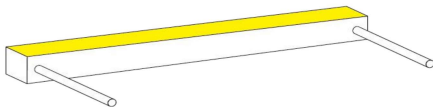
Front+Front feed entry (FF)



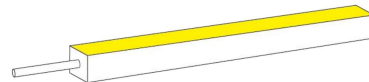
Bottom+Bottom feed entry (BB)



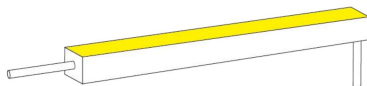
Side+Side feed entry (SS)



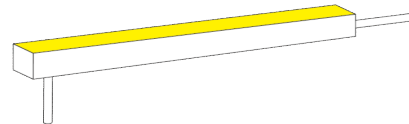
Front+Closed feed entry (FC)



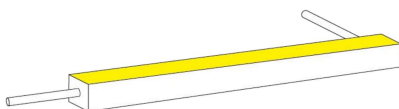
Front+Bottom feed entry (FB)



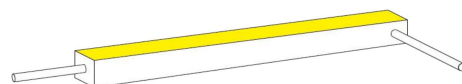
Bottom+Front feed entry (BF)



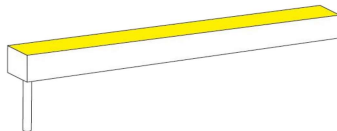
Front+Left Side feed entry (FLS)



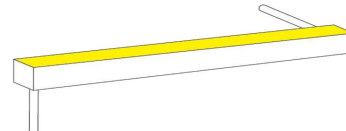
Front+Right Side feed entry (FRS)



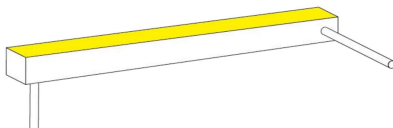
Bottom+Closed feed entry (BC)



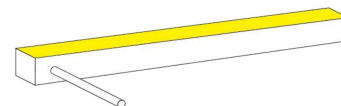
Bottom+Left Side feed entry (BLS)



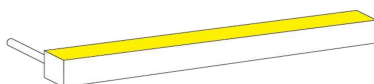
Bottom+Right Side feed entry (BRS)



Left Side+Closed feed entry (LSC)



Right Side+Closed feed entry (RSC)

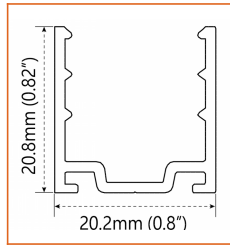


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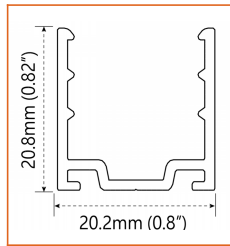
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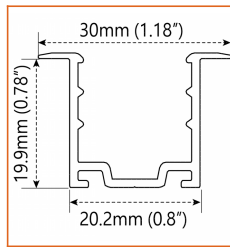
## Mounting Options



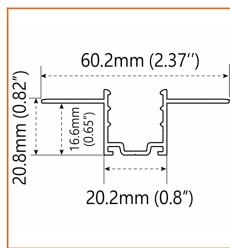
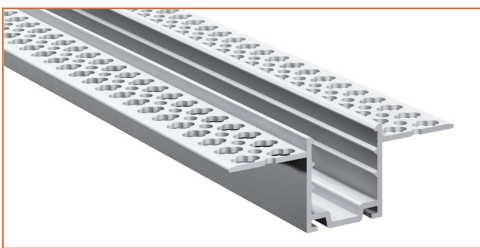
\* Standard length is 1m/pcs.



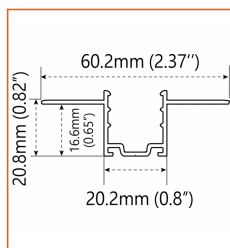
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Name	Straight surface channel
Code	LN1617-SC
Material	Aluminum
Mounting style	Surface mounted
Length	1m
Width	20.2mm
Height	20.8mm
Internal width	/

Name	Bendable surface channel
Code	LN1617-BC
Material	Aluminum
Mounting style	Surface mounted
Length	1m
Width	20.2mm
Height	20.8mm
Internal Width	/

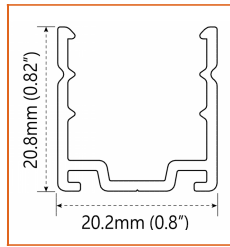
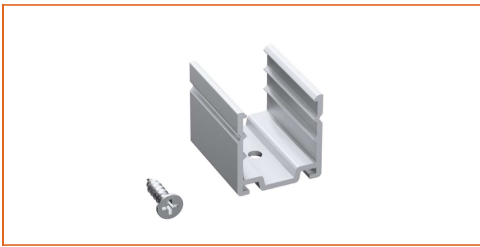
Name	Straight recessed channel
Code	LN1617-RSC
Material	Aluminum
Mounting style	Recessed mounted
Length	1m
Width	30mm
Height	19.9mm
Internal width	/

Name	Mud-in channel
Code	LN1617-MC
Material	Aluminum
Mounting style	Mud-in mounted
Length	1m
Width	60.2mm
Height	16.6mm
Internal Width	/

Name	Bendable mud-in channel
Code	LN1617-BMC
Material	Aluminum
Mounting style	Mud-in mounted
Length	1m
Width	60.2mm
Height	16.6mm
Internal Width	/

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\* Recommend use 4 mounting clip for 1m of neon.

Name	Mounting clip
Code	LN1617-CL
Material	Aluminum
Mounting style	Surface mounted
Length	25mm
Width	20.2mm
Height	20.8mm
Internal Width	/

## Driver Options

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)

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

## Accessories Options (Optional, purchase for extra)



Name Male and female connectors

Code MFC-2P-67-W

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



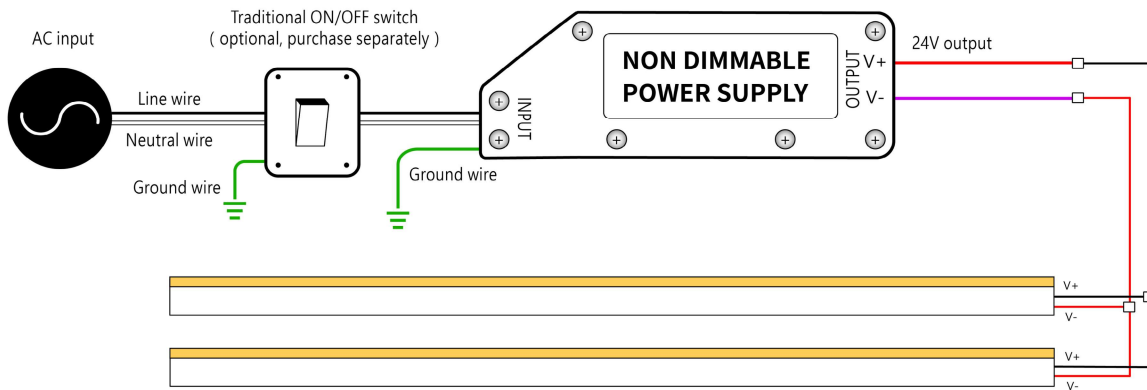
Name Extension connectors

Code ETC-2P-67-5M

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

**Wiring Diagram**

**Non Dimmable**



**Dimmable**

