

LINIO NEON 1617 TV RGB

Outdoor · RGB · Vertical Bending

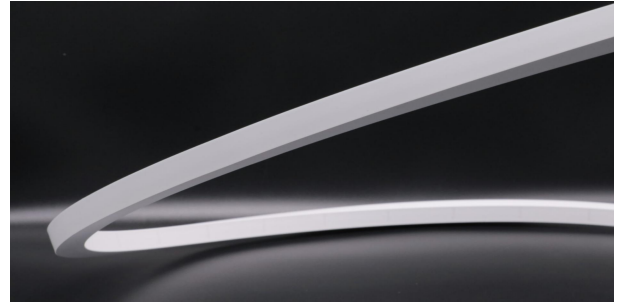
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Features

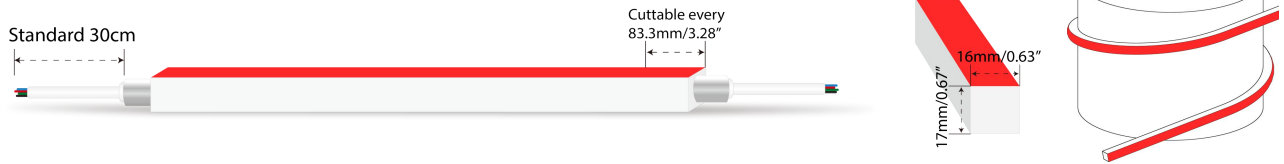
- Factory assembly
- Low voltage 24V DC
- RGB allows for versatile lighting effects
- Max run length up to 13m from single power feed
- IP67 rated, ideal for indoor and outdoor use
- UV stable without yellowing or cracking over time



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	83.3mm
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	Injected/silicone/mechanical
Mounting	Clips or channels (rigid or bendable)
Storage Temperature	-25~60°C (-13~140°F)
Ambient Temperature	-25~45°C (-13~113°F)
Max. Production Length	30m

Performance & Electrical

Voltage	24VDC (23.5Vmin, 24.5Vmax)
Beam Angle	110°
Efficacy (lm/W)	27.1lm/W @RGB 12.8W
Lumen Maintenance	> 30,000 hours
IP Rating	IP67
Resistance	UV, solvent, saltwater, flame
Dimming	DMX
Warranty	5 years

Lumen/m	12.8W
■ R	104
■ G	203
■ B	40
■ RGB	347
Max. Run Length (m)	13

Certification & Safety

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

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Order Code

Series	Temp./Color	Power	Feed Entry	Connector Wire	End Cap	Length (mm)
LN1617TV	RGB	128=12.8W	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 SEC=Silicone end cap (IP67) MEC=Mechanical end cap (IP67) * End caps are added by default	Min. - 83.3mm Max. run - 13000mm Cut Inc. - 83.3mm

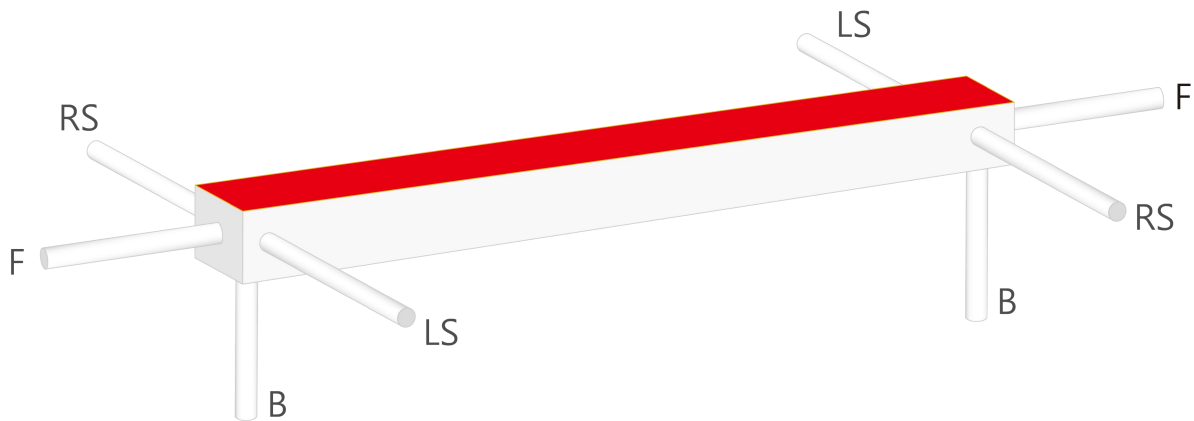
Example: LN1617TV-RGB-128-FF-OW-IJ-01000

* Customizable—Contact Beamever representatives

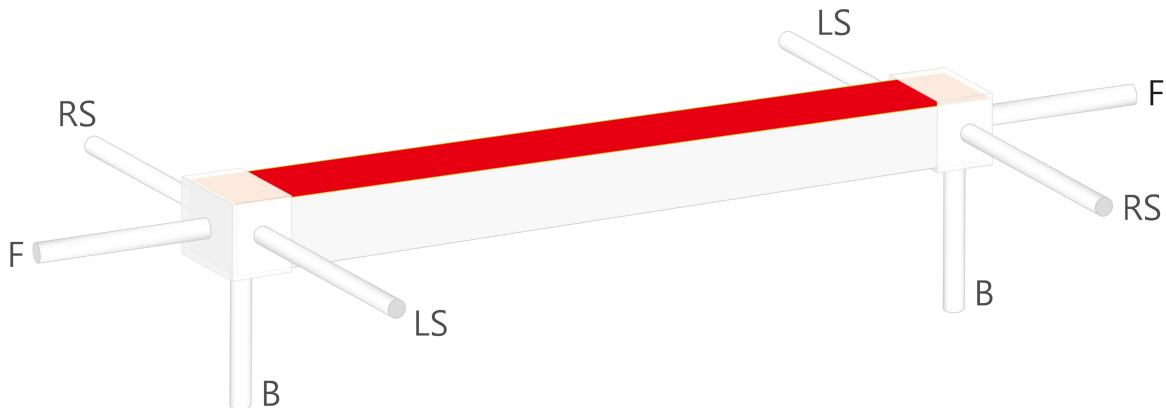
* Do not install in an environment that is permanently flooded with water or high in humidity, as damage to the neon will occur.

Feed Entry Options

For injected end cap (IP67), factory made only



For silicone end cap / mechanical end cap (IP67)

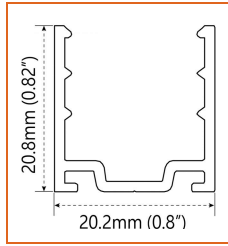


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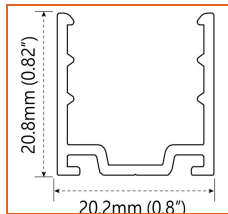
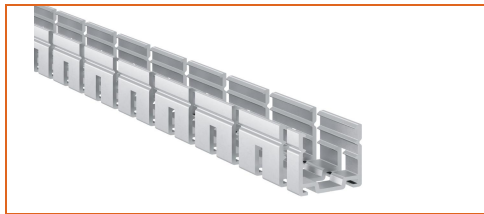


Mounting Options



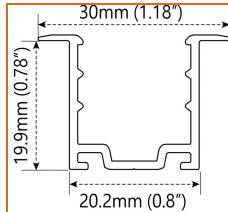
* Standard length is 1m/pcs.

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



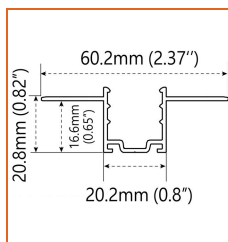
* Standard length is 1m/pcs.

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



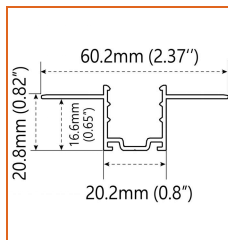
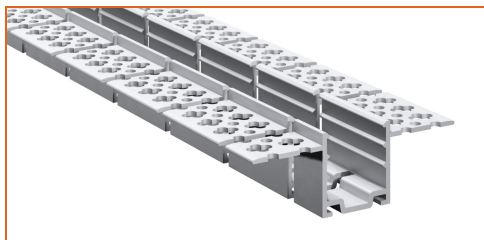
* Standard length is 1m/pcs.

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



* Standard length is 1m/pcs.

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

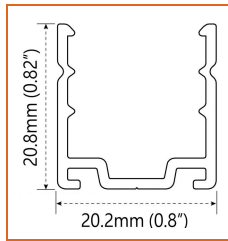
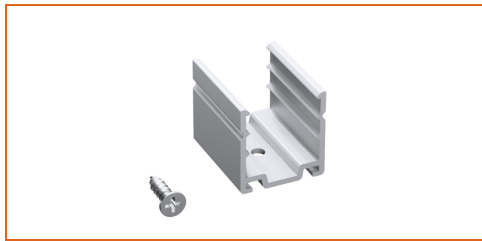


* Standard length is 1m/pcs.

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

* 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)

DMX Decoders & Controllers & Power Repeaters Options

Type	Code	Description	Environment	Size
DMX Decoders	LT- 854-5A	4 channels output, Max. 5A current per channel, up to 480W output power	Indoor	175x42x33mm (L x W x H)
Controllers	EX4S	512 DMX channels	Indoor	86x86x36mm (L x W x H)
Controllers	M6+M3-3A	3 Channels output, Max 3A current per channel, up to 216W output power	Indoor	135x30x20mm (L x W x H)
Power Repeaters	LT-3040-5A	3 Channels output, Max 6A current per channel, up to 480W output power	Indoor	175x44x30mm (L x W x H)

Accessories Options (Optional, purchase for extra)



Name Silicone closed end cap

Code LN1617-SEC-C

Closed silicone end cap



Name Silicone front end cap

Code LN1617-SEC-F-4P

Silicone end cap front entry with 30cm black cable, 4 pin



Name Silicone side end cap

Code LN1617-SEC-S-4P

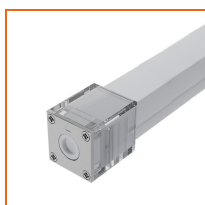
Silicone end cap side entry with 30cm black cable, 4 pin



Name Silicone bottom end cap

Code LN1617-SEC-B-4P

Silicone end cap bottom entry with 30cm black cable, 4 pin



Name Mechanical end cap

Code LN1617-MEC-C

Mechanical closed end cap with screws



Name Mechanical end cap

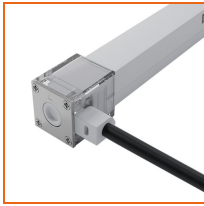
Code LN1617-MEC-F-4P

Mechanical end cap with screws, front entry with 30cm black cable, 4 pin

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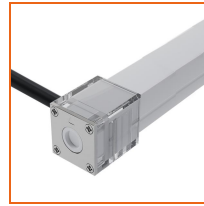
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Name Mechanical end cap

Code LN1617-MEC-LS-4P

Mechanical end cap with screws, left side entry with 30cm black cable, 4 pin



Name Mechanical end cap

Code LN1617-MEC-RS-4P

Mechanical end cap with screws, right side entry with 30cm black cable, 4 pin



Name Mechanical end cap

Code LN1617-MEC-B-4P

Mechanical end cap with screws, bottom entry with 30cm black cable, 4 pin



Name Jumper connector

Code LN1617-JC-4P-67

Jumper connector with 7cm white cable, 4 pin, IP67



Name Male and female connectors

Code MFC-4P-67-W

Male and female connectors with 30cm white cable, 4 pin



Name Male and female connectors

Code MFC-4P-67-B

Male and female connectors with 30cm black cable, 4 pin



Name Extension connectors

Code ETC-4P-67-1M

Extension Male and female connectors with 1m white cable, 4 pin



Name Extension connectors

Code ETC-4P-67-5M

Extension Male and female connectors with 5m white cable, 4 pin

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Wiring Diagram

Dimmable

