

LINIO NEON 1010X TV

Outdoor · Vertical Bending · 3-sided light

Beamever

Features

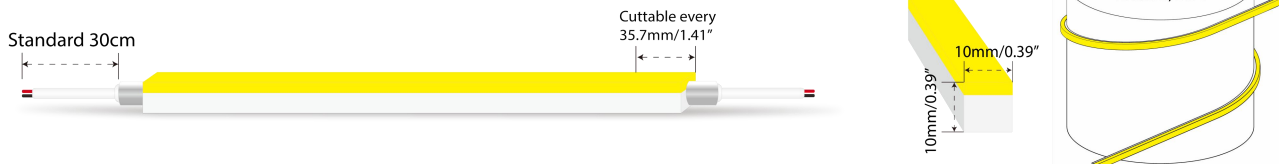
- Field cuttable & joinable
- 3-sided lighting design
- All dimming protocols dimmable
- Max run length up to 13m from single power feed
- IP67 rated, ideal for indoor and outdoor use
- UV stable without yellowing or cracking over time



Fixture type	
Project name	
Project phase	
Date	



Dimension & Bending



Physical

Dimensions	10mm x 10mm (width x height)
Bend Direction	Vertical bending
Bend Diameter	100mm
Cutting Interval	35.7mm
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
Mounting	Clips or channels (rigid or bendable)
Storage Temperature	-25°C~60°C (-13°F~140°F)
Ambient Temperature	-25°C~45°C (-13°F~113°F)
Max. Production Length	30m

Performance & Electrical

Voltage	24VDC (23.5Vmin, 24.5Vmax)
Beam Angle	160°
MacAdam	2 steps
Efficacy (lm/W)	67.7lm/W @4000K 11W
CRI	Ra>90
Lumen Maintenance	> 54,000 hours
IP Rating	IP67
Resistance	UV, solvent, saltwater, flame
Dimming	Triac, ELV, PWM, 0-10V, DMX, SPI
Warranty	5 years

Certification & Safety

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

Lumen/M	11W
■ 2200K	700
■ 2700K	715
■ 3000K	725
■ 3500K	740
■ 4000K	745
■ 5500K	725
Max. Run Length (M)	13

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Order Code

Series	Temp./Color	Power	Feed Entry	Connector Wire	End Cap	Length (mm)
LN1010XTV	22=2200K 27=2700K 30=3000K 35=3500K 40=4000K 55=5500K	011=11W	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) * End caps are added by default	Min. - 35.7mm Max. run - 13000mm Cut Inc. - 35.7mm

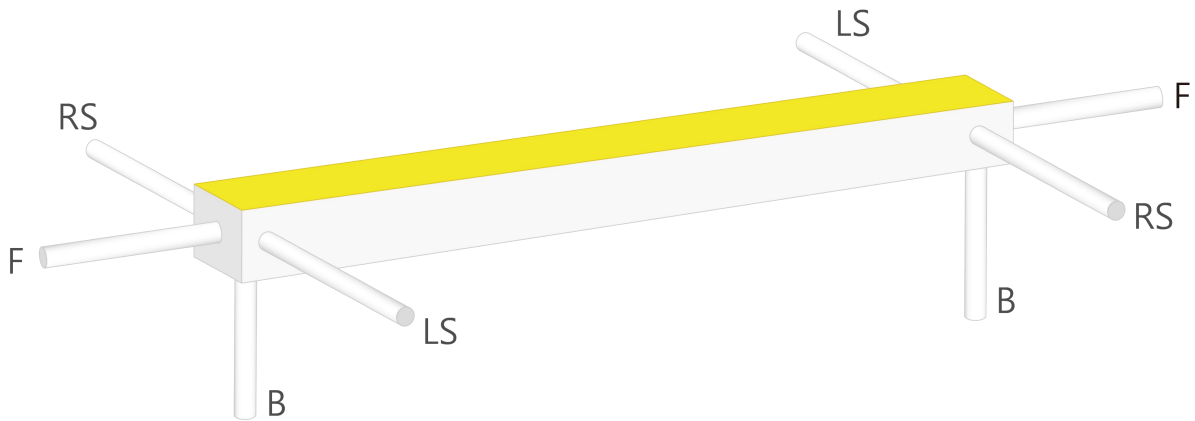
Example: LN1010XTV-30-011-FF-OW-IJ-01000

* Customizable—Contact Beamever representatives

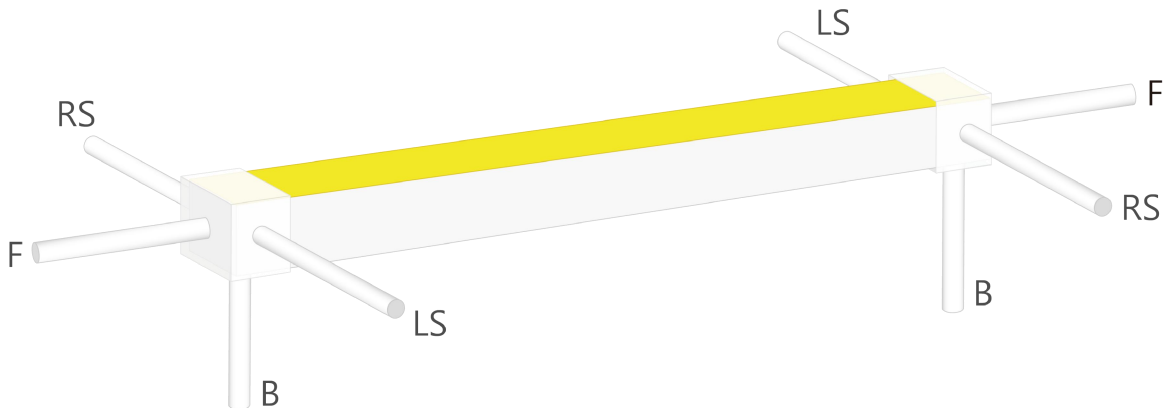
* Do not install in an environment that is permanently flooded with water or high in humidity, as damage to the neon will occur.

Feed Entry Options

For injected end cap (IP67), factory made only



For silicone end cap (IP67)

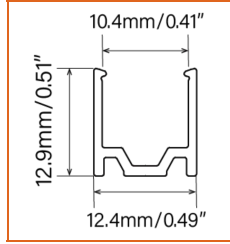


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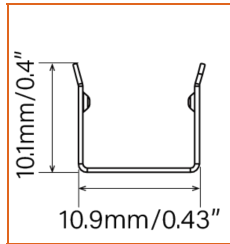
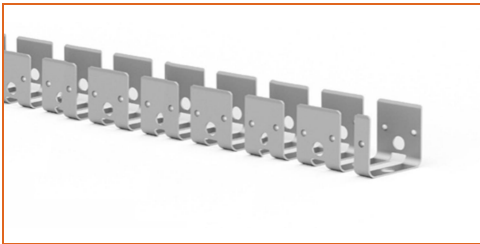


Mounting Options



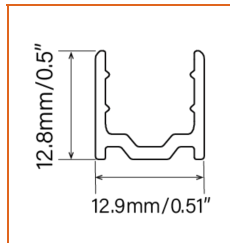
* Standard length is 1m/pcs.

Name	Straight surface channel
Code	LN1010-SC
Material	Aluminum
Mounting style	Surface mounted
Length	1m
Width	12.4mm
Height	12.9mm
Internal width	/



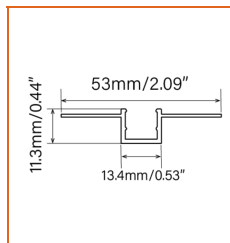
* Standard length is 0.5m/pcs.

Name	Bendable channel
Code	LN1010-BC
Material	Stainless Steel
Mounting style	Surface mounted
Length	0.5m
Width	10.9mm
Height	10.1mm
Internal Width	/



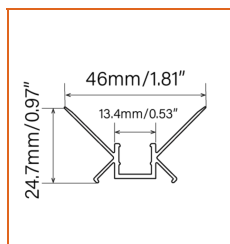
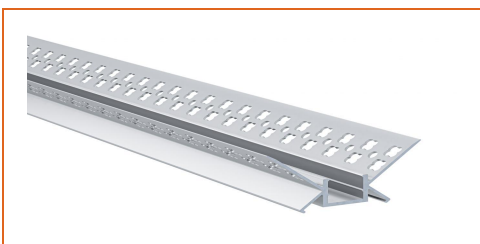
* Standard length is 1m/pcs.

Name	PC channel
Code	LN1010-PC
Material	PC
Mounting style	Surface mounted
Length	1m
Width	12.9mm
Height	12.8mm
Internal width	/



* Standard length is 1m/pcs.

Name	Mud-in channel
Code	LN1010-MC
Material	Aluminum
Mounting style	Mud-in mounted
Length	1m
Width	53mm
Height	11.3mm
Internal width	/



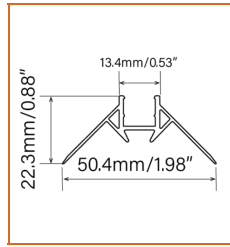
* Standard length is 1m/pcs.

Name	Inside corner channel
Code	LN1010-IC
Material	Aluminum
Mounting style	Mud-in mounted
Length	1m
Width	46mm
Height	24.7mm
Internal width	/

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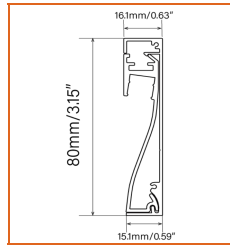
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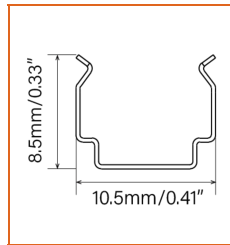
* Standard length is 1m/pcs.

Name	Outside corner channel
Code	LN1010-OC
Material	Aluminum
Mounting style	Mud-in mounted
Length	1m
Width	50.4mm
Height	22.3mm
Internal width	/



* Standard length is 1m/pcs.

Name	Skirting board channel
Code	LN1010-SBC
Material	Aluminum
Mounting style	Surface mounted
Length	1m
Width	16.1mm
Height	80mm
Internal width	/



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

Name	Mounting clip
Code	LN1010-CL
Material	Stainless Steel
Mounting style	Surface mounted
Length	7mm
Width	10.5mm
Height	8.5mm
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

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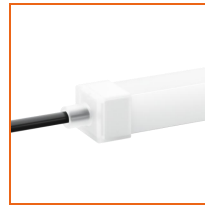
Accessories Options (Optional, purchase for extra)



Name Silicone closed end cap

Code LN1010-SEC-C

Closed silicone end cap



Name Silicone front end cap

Code LN1010-SEC-F-2P

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



Name Silicone side end cap

Code LN1010-SEC-S-2P

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



Name Silicone bottom end cap

Code LN1010-SEC-B-2P

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



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 JST male & female connector

Code JST-2P-67

JST male and female connector with 20cm cable, IP67, 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

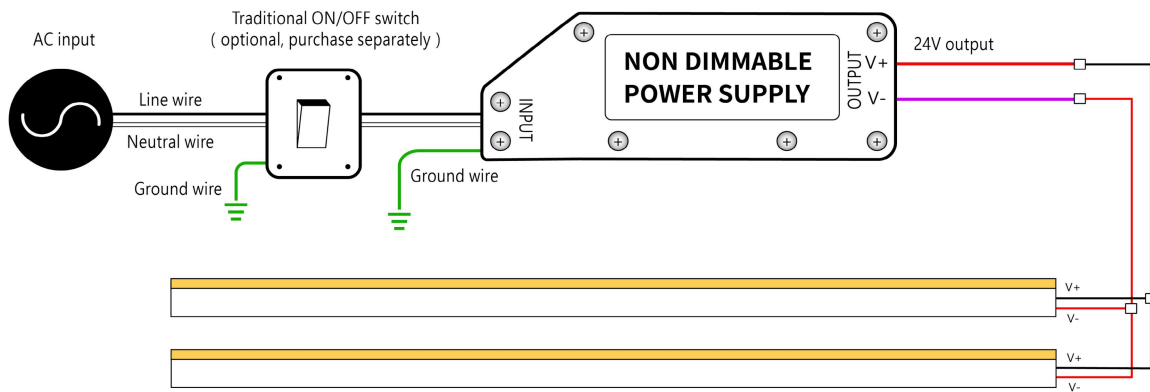
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Wiring Diagram

Non Dimmable



Dimmable

