

# LINIO NEON 1010X TV TW

Outdoor · Tunable White · 3-sided light

# Beamever

## Features

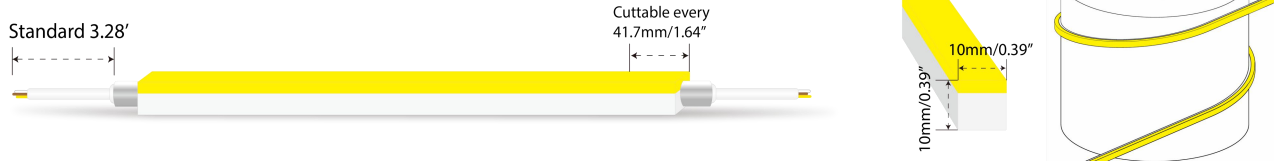
- Field cuttable & joinable
- 3-sided lighting design
- Tunable white, CCT changing from 2700K to 5300K
- IP67 rated, ideal for indoor and outdoor uses
- UV stable without yellowing or cracking over time
- 5 years warranty



Fixture type	
Project name	
Project phase	
Date	



## Dimension & Bending



## Physical

Dimensions	0.39" x 0.39" (width x height)
Bend Direction	Vertical bending
Bend Diameter	3.94" (100mm)
Cutting Interval	1.64" (41.7mm)
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 3.28'
End Cap	Injected/silicone
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	98.4ft (30m)

## Performance & Electrical

Voltage	24VDC (23.5Vmin, 24.5Vmax)
Beam Angle	160°
MacAdam	3 steps
Efficacy (lm/W)	75.7lm/W @2700K+5300K
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
Environment	Dry, damp or wet locations

Lumen/ft	3.54W
■ 2700K	128
■ 5300K	140
■ 2700K+5300K	268
Max. Run Length (ft)	32.8

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## Order Code

Series	Temp./Color	Power	Feed Entry	Connector Wire	End Cap	Length (ft)
LN1010XTV	2753=2700K+53 00K	354=3.54W	<b>FF</b> =Front + Front <b>BB</b> =Bottom + Bottom <b>SS</b> =Side + Side <b>FC</b> =Front + Closed <b>FB</b> =Front + Bottom <b>BF</b> =Bottom+Front <b>FLS</b> =Front + Left Side <b>FRS</b> =Front + Right Side <b>BC</b> =Bottom + Closed <b>BLS</b> =Bottom + Left Side <b>BRS</b> =Bottom + Right Side <b>LSC</b> =Left Side + Closed <b>RSC</b> =Right Side + Closed	<b>OW</b> =Open wire 3.28' <b>MFCW</b> =Male & female connector with 0.98' white cable <b>MFCB</b> =Male & female connector with 0.98' black cable	<b>IJ</b> =Injected end cap (IP67) * Factory made only <b>SEC</b> =Silicone end cap (IP67) * End caps are added by default	Min. - 1.64" Max. run - 32.8' Cut Inc. - 1.64"

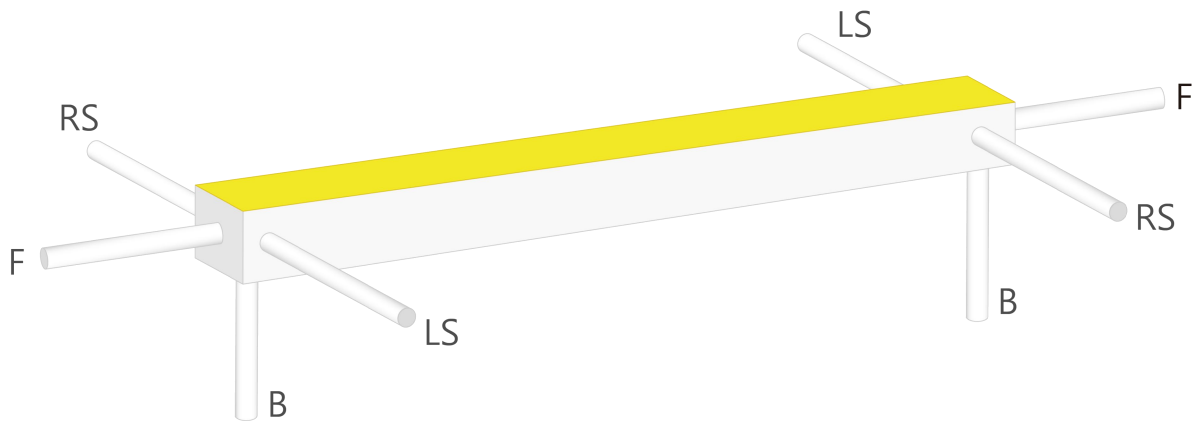
Example: LN1010XTV-2753-354-FF-OW-IJ-3.28'

\* Customizable—Contact Beamever representatives

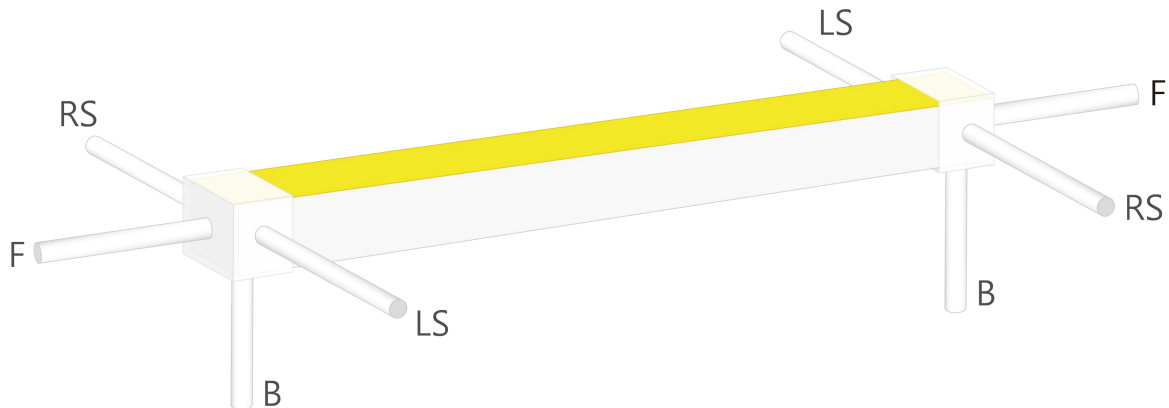
\* Do not install in an environment that is permanently flooded with water or high in humidity, as damage to the neon will occur.

## Feed Entry Options

For injected end cap (IP67), factory made only



For silicone end cap (IP67)

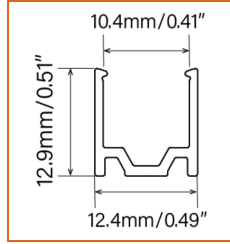


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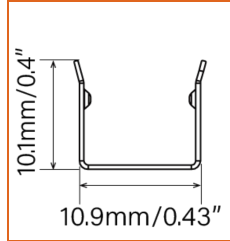
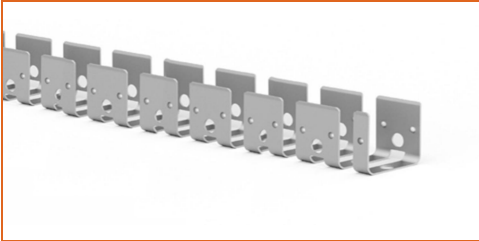
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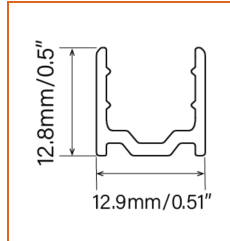
## Mounting Options



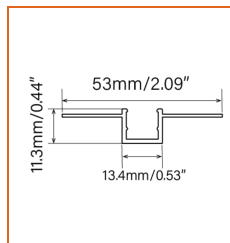
\* Standard length is 3.28'/pcs.



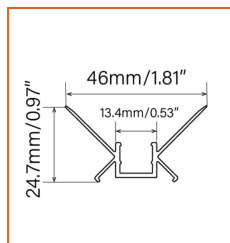
\* Standard length is 1.64'/pcs.



\* Standard length is 3.28'/pcs.



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\* Standard length is 3.28'/pcs.

Name	Straight surface channel
Code	LN1010-SC
Material	Aluminum
Mounting style	Surface mounted
Length	3.28' (1m)
Width	0.49" (12.4mm)
Height	0.51" (12.9mm)
Internal width	/

Name	Bendable channel
Code	LN1010-BC
Material	Stainless Steel
Mounting style	Surface mounted
Length	1.64' (0.5m)
Width	0.43" (10.9mm)
Height	0.4" (10.1mm)
Internal Width	/

Name	PC channel
Code	LN1010-PC
Material	PC
Mounting style	Surface mounted
Length	3.28' (1m)
Width	0.51" (12.9mm)
Height	0.50" (12.8mm)
Internal width	/

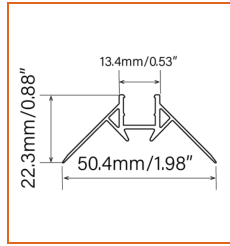
Name	Mud-in channel
Code	LN1010-MC
Material	Aluminum
Mounting style	Mud-in mounted
Length	3.28' (1m)
Width	2.09" (53mm)
Height	0.44" (11.3mm)
Internal width	/

Name	Inside corner channel
Code	LN1010-IC
Material	Aluminum
Mounting style	Mud-in mounted
Length	3.28' (1m)
Width	1.81" (46mm)
Height	0.97" (24.7mm)
Internal width	/

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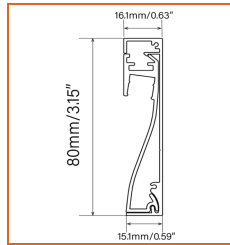
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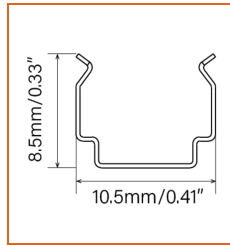
\* Standard length is 3.28'/pcs.

Name	Outside corner channel
Code	LN1010-OC
Material	Aluminum
Mounting style	Mud-in mounted
Length	3.28' (1m)
Width	1.98" (50.4mm)
Height	0.88" (22.3mm)
Internal width	/



\* Standard length is 3.28'/pcs.

Name	Skirting board channel
Code	LN1010-SBC
Material	Aluminum
Mounting style	Surface mounted
Length	3.28' (1m)
Width	0.63" (16.1mm)
Height	3.15" (80mm)
Internal width	/



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

Name	Mounting clip
Code	LN1010-CL
Material	Stainless Steel
Mounting style	Surface mounted
Length	0.28" (7mm)
Width	0.41" (10.5mm)
Height	0.33" (8.5mm)
Internal Width	/

## Driver Options

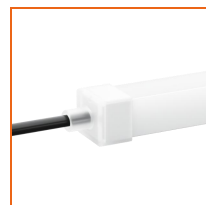
Code	Max Load	Input	Output	Dimmable	Class 2	Environment	Size (L*W*H)
LM-100-24-U2A2	100W	100-277VAC	24V	Yes	No	Dry	13.86 x 1.69 x 1.18 inch

\* 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 LN1010-SEC-C  
Closed silicone end cap



Name Silicone front end cap  
Code LN1010-SEC-F-3P  
Silicone end cap front entry with 11.81" black cable, 3 pin



Name Silicone side end cap  
Code LN1010-SEC-S-3P  
Silicone end cap side entry with 11.81" black cable, 3 pin



Name Silicone bottom end cap  
Code LN1010-SEC-B-3P  
Silicone end cap bottom entry with 11.81" black cable, 3 pin

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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 JST male & female connector  
Code JST-3P-67

JST male and female connector with 7.87" (20cm) cable, IP67, 3 pin



Name Extension connectors  
Code ETC-3P-67-1M

Extension male and female connectors with 1m (3.28ft) white cable, 3 pin



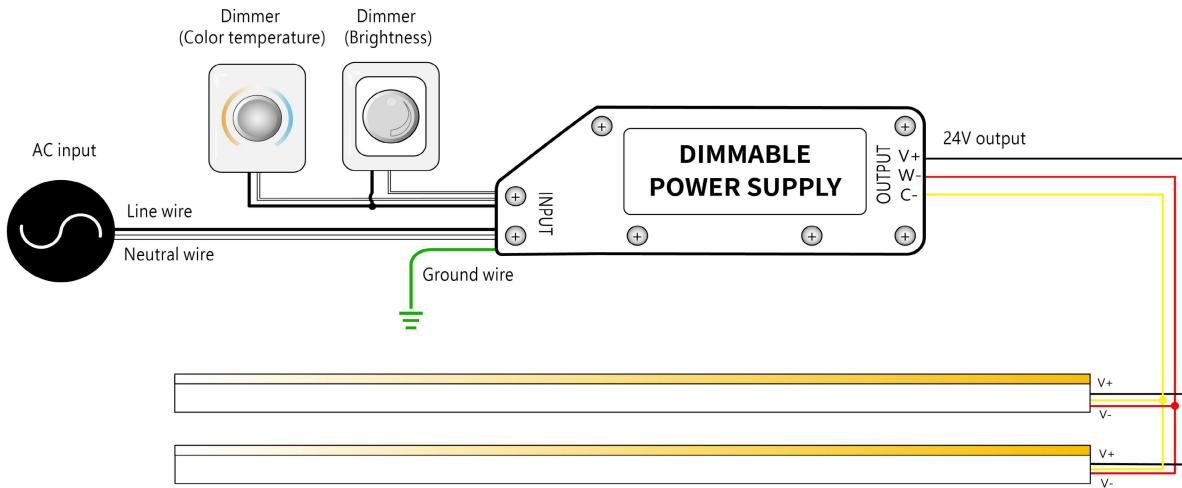
Name Extension connectors

Code ETC-3P-67-5M

Extension male and female connectors with 5m (16.4ft) white cable, 3 pin

## Wiring Diagram

Dimmable



\* Dimmers need to be purchased separately.