

LINIO NEON 1212 TV TW

Outdoor · Vertical Bending · Field Cuttable

Beamever

Features

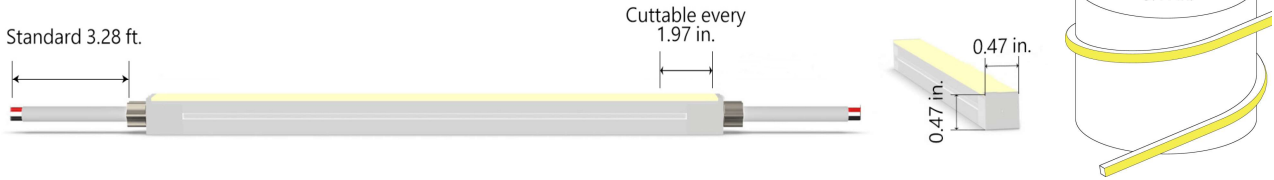
- Field cuttable & joinable
- Low voltage 24V DC
- Tunable white, CCT changing from 2700K to 5500K
- IP67 rated, ideal for indoor and outdoor uses
- UV stable without yellowing or cracking over time
- 5 years warranty



Fixture type	
Project name	
Project phase	
Date	



Dimension & Bending



Physical

Dimensions	0.47" x 0.47" (width x height)
Bend Direction	Vertical bending
Bend Diameter	9.44" (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 (Factory made only)
Mounting	Clips or channel (rigid)
Storage Temperature	-40~60°C (-40~140°F)
Ambient Temperature	-40~60°C (-40~140°F)@3.05W
Max. Production Length	98.43ft (30m)

Performance & Electrical

Voltage	24VDC (23.5Vmin, 24.5Vmax)
Beam Angle	120°
MacAdam	3 steps
Efficacy (lm/W)	73lm/W @3.05W
CRI	80
Lumen Maintenance	> 54,000 hours
IP Rating	IP67
Resistance	UV, solvent, saltwater, flame
Dimming	Triac, ELV, PWM, 0-10V, DMX
Control Protocol	N/A
Warranty	5 years

Certification & Safety

Certifications	UL
Environment	Dry, damp or wet locations

Lumen/ft	3.05W
■ 2700K	109
■ 5500K	111
■ 2700K+5500K	216
Max. Run Length(ft)	16.4

LINIO NEON 1212 TV TW

Outdoor · Vertical Bending · Field Cuttable



Order Code

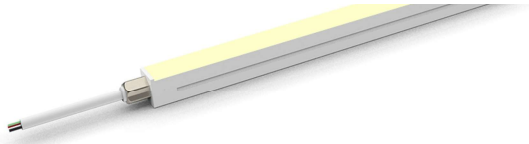
Series	Temp./Color	Power	Feed Entry	Connector Wire	End Cap	Length (ft)
LN1212TV	2755=2700K+55 00K	305=3.05W	FF =Front + Front BB =Bottom + Bottom LSLS =Left Side + Left Side RSRS =Right Side + Right Side FC =Front + Closed FB =Front + Bottom FLS =Front + Left Side FRS =Front + Right Side BC =Bottom + Closed BLS =Bottom + Left Side BRS =Bottom + Right side LSC =Left side + Closed RSC =Right side + Closed LSRS =Left side + Right side	OW =Open wire 3.28' MFC =Male & female connector 0.98'	IJ =Injected end cap (IP67) *Only available for front/bottom/closed entry SEC =Silicone end cap (IP67) MEC =Mechanical end cap (IP67) * End caps are added by default * MEC will reduce max. run length, consult Beamever for specific data	Min. - 1.97" Max. - 98.4' Cut Inc. - 1.97"

Example: LN1212TV-2755-305-FF-OW-IJ-11'

* Customizable—Contact Beamever representatives

Feed Entry Options

Front feed entry (F)



Left side feed entry (LS)



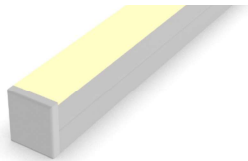
Right side feed entry (RS)



Bottom feed entry (B)



Closed feed entry (C)

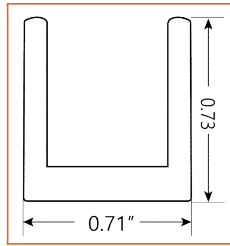
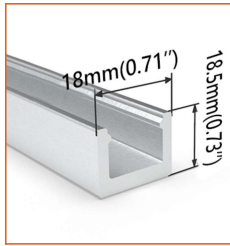


LINIO NEON 1212 TV TW

Outdoor · Vertical Bending · Field Cuttable

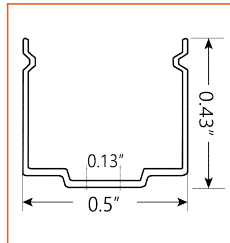
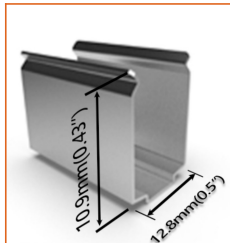


Mounting Options



* Standard length is 3.28' / pcs.

Name	Straight Aluminum channel
Code	LN1212-SC
Material	Aluminum
Mounting style	Surface mounted
Length	3.28' (1m)
Width	0.71" (18mm)
Height	0.73" (18.5mm)
Internal width	/



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

Name	Mounting clip
Code	LN1212-CL
Material	Stainless Steel
Mounting style	Surface mounted
Length	0.3" (7.6mm)
Width	0.5" (12.8mm)
Height	0.43" (10.9mm)
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

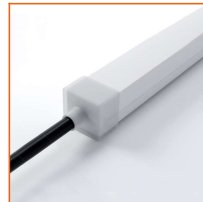
* Please refer to the spec sheet of each power supply for more detailed information

Accessories Options (Optional, purchase for extra)



Name Silicone closed end cap
Code LN1212-SEC-C

Closed silicone end cap



Name Silicone front end cap
Code LN1212-SEC-F-3P

Silicone end cap front entry with 11.81" 3 pin cable



Name Silicone side end cap
Code LN1212-SEC-S-3P

Silicone end cap side entry with 11.81" 3 pin cable



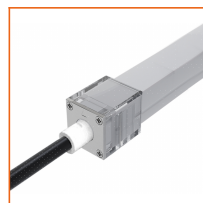
Name Silicone bottom end cap
Code LN1212-SEC-B-3P

Silicone end cap bottom entry with 11.81" 3 pin cable



Name Mechanical end cap (G1)
Code LN1212-MEC1-C

Mechanical closed end cap with screws (G1)



Name Mechanical end cap (G1)
Code LN1212-MEC1-F-3P

Mechanical end cap with screws (G1), front entry with 11.81" black cable, 3 pin

LINIO NEON 1212 TV TW

Outdoor · Vertical Bending · Field Cuttable



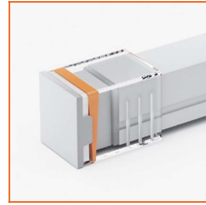
Name Mechanical end cap (G1)
Code LN1212-MEC1-LS-3P
Mechanical end cap with screws (G1), left side entry with 11.81" black cable, 3 pin



Name Mechanical end cap (G1)
Code LN1212-MEC1-RS-3P
Mechanical end cap with screws (G1), right side entry with 11.81" black cable, 3 pin



Name Mechanical end cap (G1)
Code LN1212-MEC1-B-3P
Mechanical end cap with screws (G1), bottom entry with 11.81" black cable, 3 pin



Name Mechanical end cap (G3)
Code LN1212-MEC3-C
Screw-free mechanical closed end cap (G3)



Name Mechanical end cap (G3)
Code LN1212-MEC3-F-3P
Screw-free mechanical end cap (G3), front entry with 11.81" black cable, 3 pin



Name Mechanical end cap (G3)
Code LN1212-MEC3-LS-3P
Screw-free mechanical end cap (G3), left side entry with 11.81" black cable, 3 pin



Name Mechanical end cap (G3)
Code LN1212-MEC3-RS-3P
Screw-free mechanical end cap (G3), right side entry with 11.81" black cable, 3 pin



Name Mechanical end cap (G3)
Code LN1212-MEC3-B-3P
Screw-free mechanical end cap (G3), bottom entry with 11.81" black cable, 3 pin



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



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



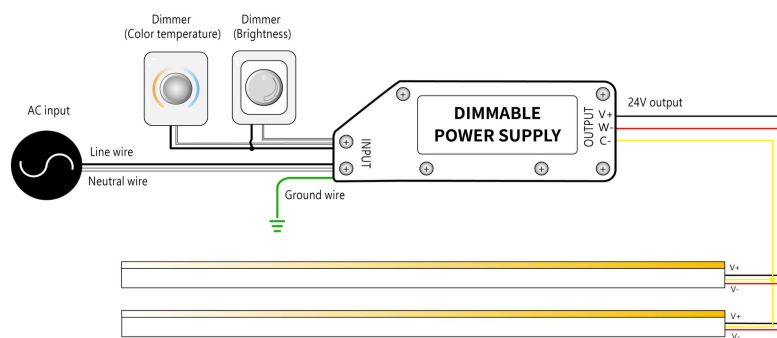
Name Extension connectors
Code ETC-3P-67-5M
Extension Male and female connectors with 16.4ft white cable, 3 pin



Name Silicone glue
Code SG
Silicone glue

Wiring Diagram

Dimmable



* Dimmers need to be purchased separately.