LINIO NEON 1010 3D

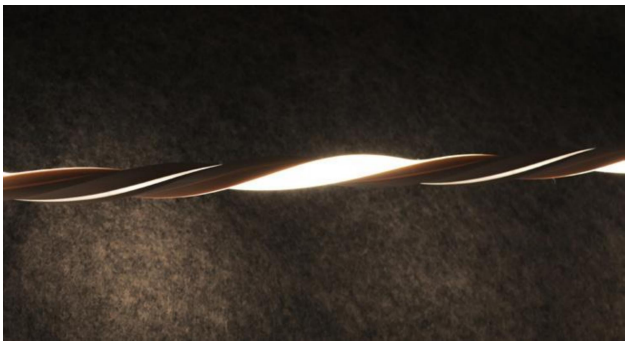
Outdoor · Dual Bending · Field Cuttable

Beamever

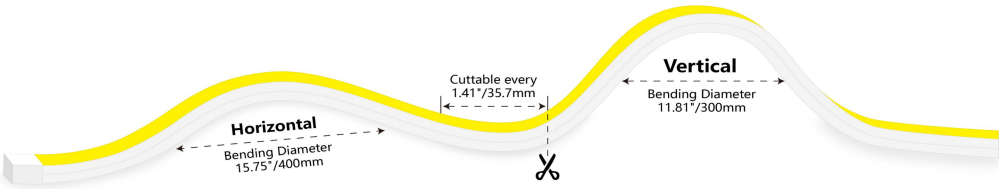
Features

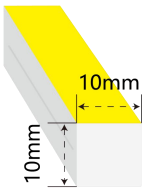
- Field cuttable & joinable
- 3D bending design for curve installations
- High-grade Dow Corning silicone
- UV stable without yellowing or cracking over time
- IP67 rated, ideal for indoor and outdoor uses
- 5 years warranty

Fixture type	
Project name	
Project phase	
Date	



Dimension & Bending





Physical

Dimensions	10mm x 10mm (width x height)
Bend Direction	Dual bending
Bend Diameter	300mm @Vertical, 400mm @Horizonta
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	Silicone
Mounting	Clips or channel
Storage Temperature	-25~65℃ (-13~149°F)
Ambient Temperature	-25~55℃ (-13~131°F)
Max. Production Length	10m

Performance & Electrical

Voltage	24VDC (23.5Vmin, 24.5Vmax)
Beam Angle	120°
MacAdam	3 steps
Efficacy (lm/W)	46.8lm/W @4000K 10W
CRI	Ra>90
Lumen Maintenance	> 54,000 hours
IP Rating	IP67
Resistance	UV, solvent, saltwater, flame
Dimming	PWM, 0-10V, DMX
Control Protocol	N/A
Warranty	5 years

Certification & Safety

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

Lumen/m	10W
2700K	409
3000K	425
3500K	425
4000K	468
6500K	397
Max. Run Length (m)	5

LINIO NEON 1010 3D

Outdoor · Dual Bending · Field Cuttable

Order Code

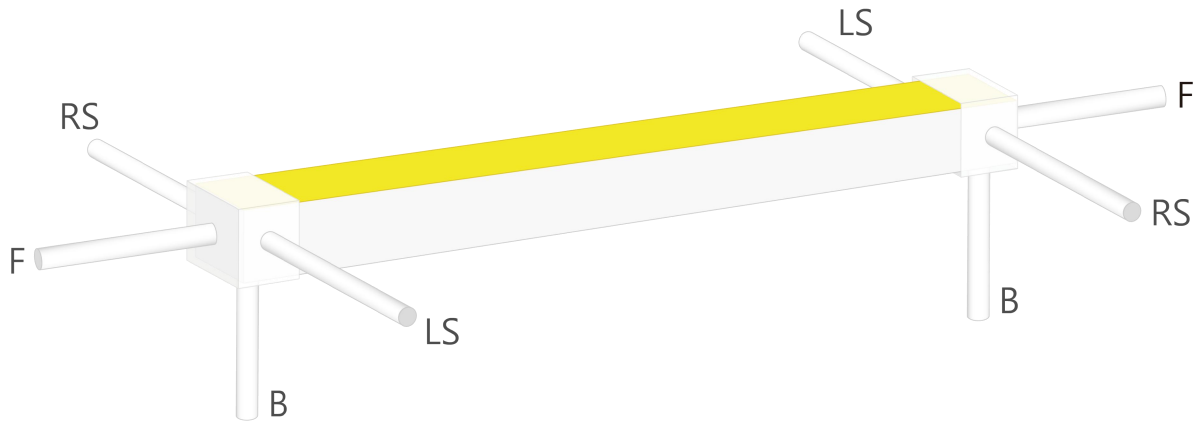
Series	Temp./Color	Power	Feed Entry	Connector Wire	End Cap	Length (mm)
LN10103D	**27**=2700K **30**=3000K **35**=3500K **40**=4000K **65**=6500K	**010**=10W	**FF**=Front + Front **BB**=Bottom + Bottom **SS**=Side + Side **FC**=Front + Closed **FB**=Front + Bottom **BF**=Bottom+Front **FLS**=Front + Left 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 **MFC**=Male & female connector 30cm	**SEC**=Silicone end cap (IP67) * End caps are added by default	Min. - 35.7mm Max. run - 5000mm Cut Inc. - 35.7mm

Example: LN10103D-30-010-FF-OW-SEC-01000

* Customizable—Contact Beamever representatives

Feed Entry Options

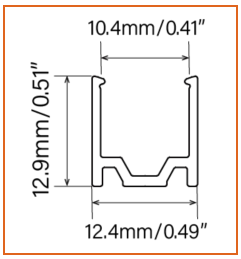
For silicone end cap (IP67)



LINIO NEON 1010 3D

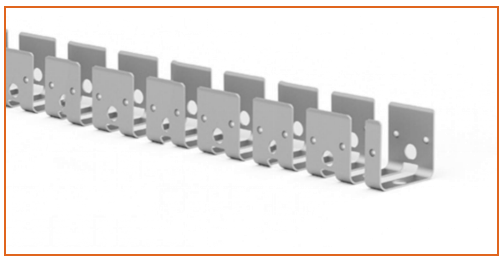
Outdoor · Dual Bending · Field Cuttable

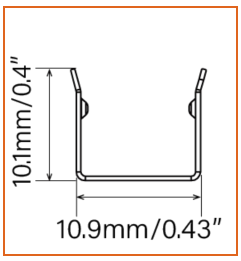
Mounting Options



* Standard length is 1m/pcs.

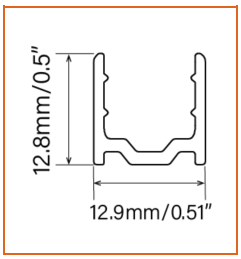
Name	Straight surface channel
Code	LN1010-SC
Material	Aluminum
Mounting style	Surface mounted
Length	1m
Width	12.4mm
Height	12.9mm
Internal width	/





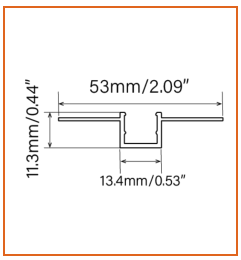
* Standard length is 0.5m/pcs.

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



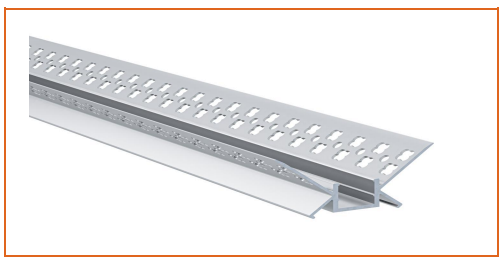
* Standard length is 1m/pcs.

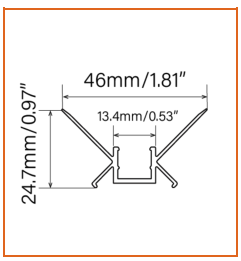
Name	PC channel
Code	LN1010-PC
Material	PC
Mounting style	Surface mounted
Length	1m
Width	12.9mm
Height	12.8mm
Internal width	/



* 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	/





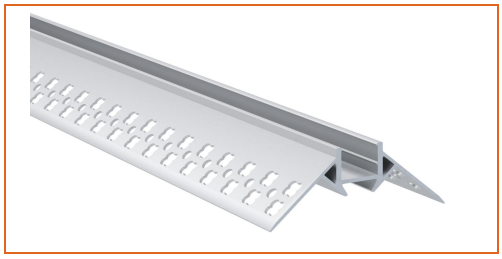
* Standard length is 1m/pcs.

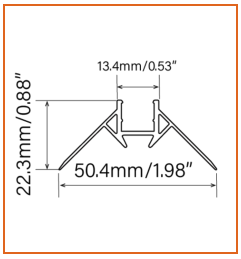
Name	Inside corner channel
Code	LN1010-IC
Material	Aluminum
Mounting style	Mud-in mounted
Length	1m
Width	46mm
Height	24.7mm
Internal width	/

Beamever Inc. · www.beamever.com · info@beamever.com
Specification subject to change without notice. Rev-2024-09-25

LINIO NEON 1010 3D

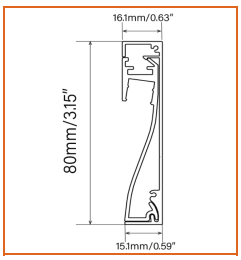
Outdoor · Dual Bending · Field Cuttable





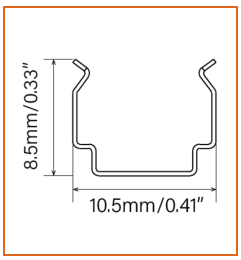
* Standard length is 1m/pcs.

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.

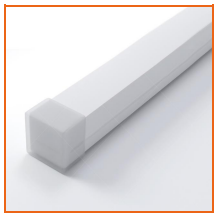
Name	Mounting clip
Code	LN1010-CL
Material	Stainless Steel
Mounting style	Surface mounted
Length	7mm
Width	10.5mm
Height	8.5mm
Internal Width	/

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

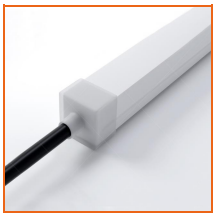
Accessories Options



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 JST male & female connector

Code JST-2P-67

JST male and female connector with 7.87'' (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

Name Silicone glue

Code SG

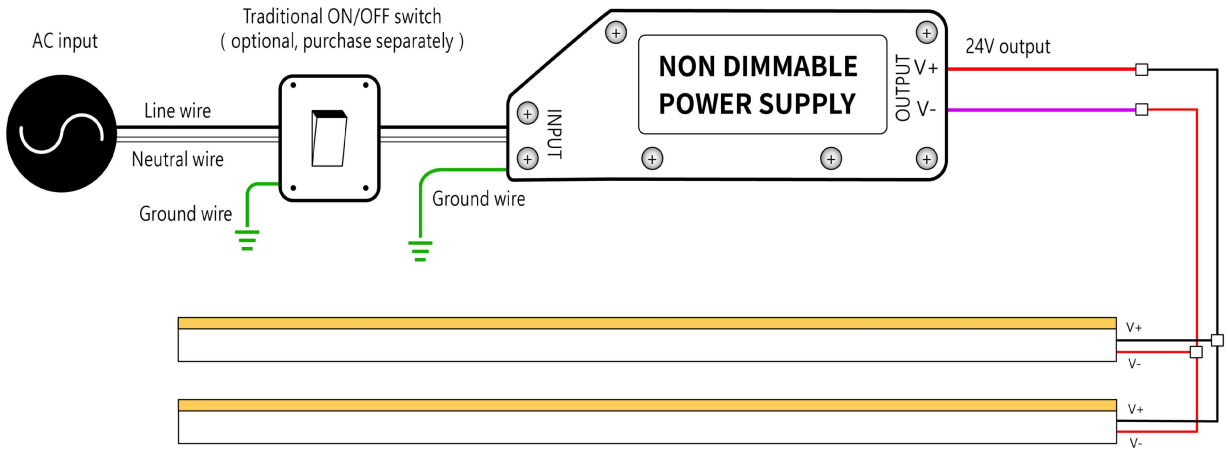
Silicone glue

Beamever Inc. · www.beamever.com · info@beamever.com

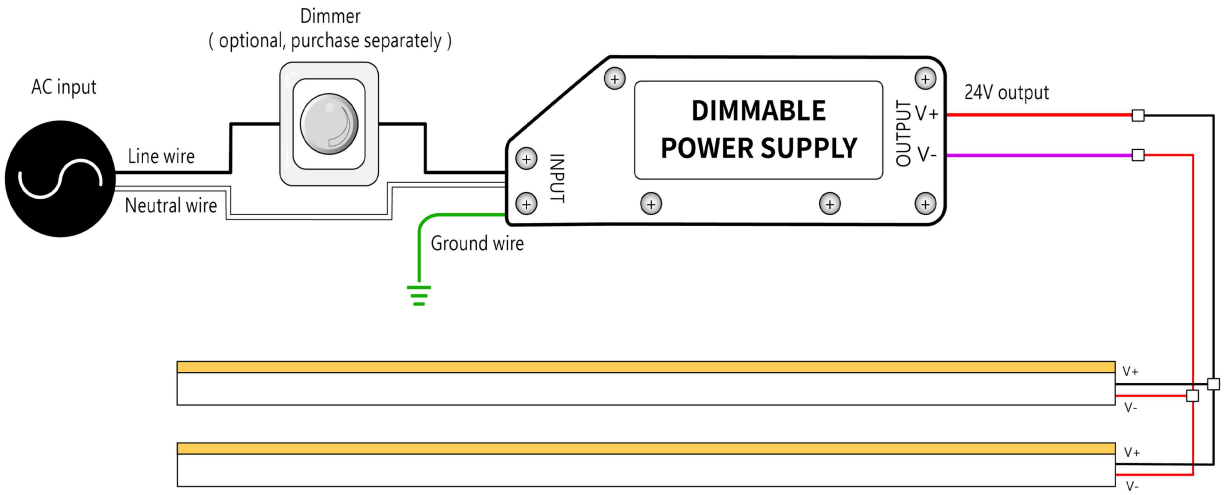
Specification subject to change without notice. Rev-2024-09-25

Wiring Diagram

Non Dimmable



Dimmable



Beamever Inc. · www.beamever.com · info@beamever.com
Specification subject to change without notice. Rev-2024-09-25