LINIO NEON 0408X SV

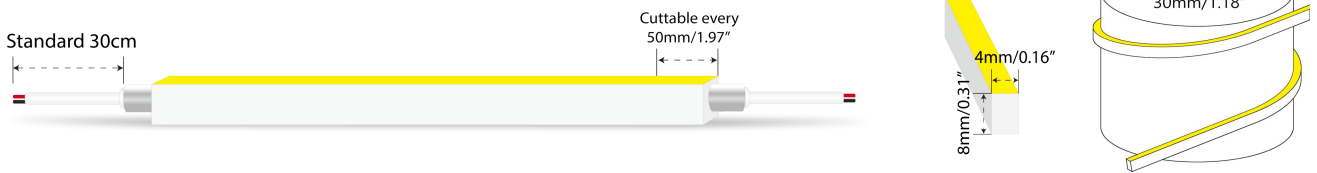## Outdoor · Horizontal Bending · Field cuttable

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Features

• Field cuttable & joinable

• Low voltage 24V DC

• All dimming protocols dimmable

• Ultra-thin profile, perfect for the designs you need

• IP65 rated for silicone end cap, IP54 rated for injected end cap

• UV stable without yellowing or cracking over time

Fixture type	
Project name	
Project phase	
Date	

UL · IP65 · INDOOR · WET LOCATION · 24V DC · 5 Yr. WARRANTY

FIELD CUTTABLE · FIELD JOINABLE · CRI 90+ · DIMMABLE · UV Stablized

Dimension & Bending

Standard 30cm

Cuttable every 50mm/1.97"

4mm/0.16" 8mm/0.31"

Bending Diameter 30mm/1.18"

Physical

Dimensions	4mm x 8mm (width x height)
Bend Direction	Horizontal bending
Bend Diameter	30mm
Cutting Interval	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 30cm
End Cap	Injected/silicone
Mounting	Clips or channels (rigid or bendable)
Storage Temperature	-25℃~60℃ (-13℉~140℉)
Ambient Temperature	-25℃~55℃ (-13℉~131℉)
Max. Production Length	20m

Performance & Electrical

Voltage	24VDC (23.5Vmin, 24.5Vmax)
Beam Angle	110°
MacAdam	2 steps
Efficacy (lm/W)	37.3lm/W @3500K 9.6W
CRI	Ra>90
Lumen Maintenance	> 54,000 hours
IP Rating	IP65 / IP54
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	6W
2400K	191
2700K	204
3000K	217
3500K	224
4000K	211
5300K	204
Max. Run Length (M)	5

I | Designer's Custom Playground

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Outdoor · Horizontal Bending · Field cuttable

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Order Code

Series	Temp./Color	Power	Feed Entry	Connector Wire	End Cap	Length (mm)
LN0408XSV	24=2400K 27=2700K 30=3000K 35=3500K 40=4000K 53=5300K	006=6W	FF=Front + Front FC=Front + 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 (IP54) * Factory made only SEC=Silicone end cap (IP65) * End caps are added by default	Min. - 50mm Max. run - 5000mm Cut Inc. - 50mm

Example: LN0408XSV-30-006-FF-OW-IJ-01000   * Customizable—Contact Beamever representatives

*This product is not rated as submersible. Do not install in a location where water may pool or collect.

Feed Entry Options

For injected end cap (IP54), factory made only
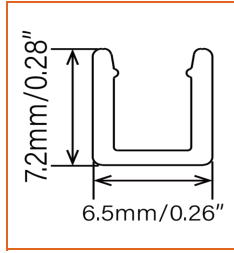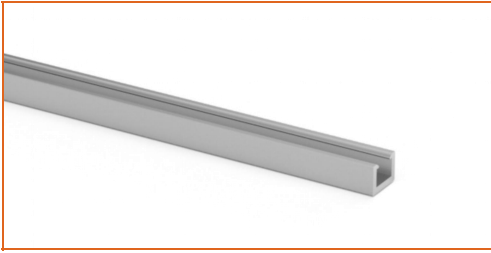

For silicone end cap (IP65)

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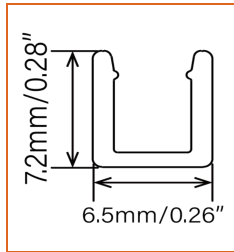Outdoor · Horizontal Bending · Field cuttable

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Mounting Options

* Standard length is 1m/pcs.

Name	Straight surface channel
Code	LN0408-SC
Material	Aluminum
Mounting style	Surface mounted
Length	1m
Width	6.5mm
Height	7.2mm
Internal width	/

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

Name	Mounting clip
Code	LN0408-CL
Material	Stainless Steel
Mounting style	Surface mounted
Length	15mm
Width	6.5mm
Height	7.2mm
Internal Width	/

Driver Options

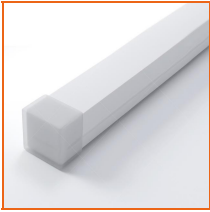| Code	Max Load	Input	Output	Dimming	Environment	Size
XLG-150-24-A	150W	100-305VAC	24VDC	Non-Dim	Dry/Damp/IP67	180x63x35.5mm (L x W x H)
ELG-150-24B-3Y	150W	100-305VAC	24VDC	3 in 1 dimming	Dry/Damp/IP67	219x63x35.5mm (LxWxH)
ELG-150-24DA-3Y	150W	100-305VAC	24VDC	DALI control technology	Dry/Damp/IP67	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 (Optional, purchase for extra)

Name	Silicone closed end cap
Code	LN0408-SEC-C
	Closed silicone end cap

Name	Silicone front end cap
Code	LN0408-SEC-F-2P
	Silicone end cap front 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

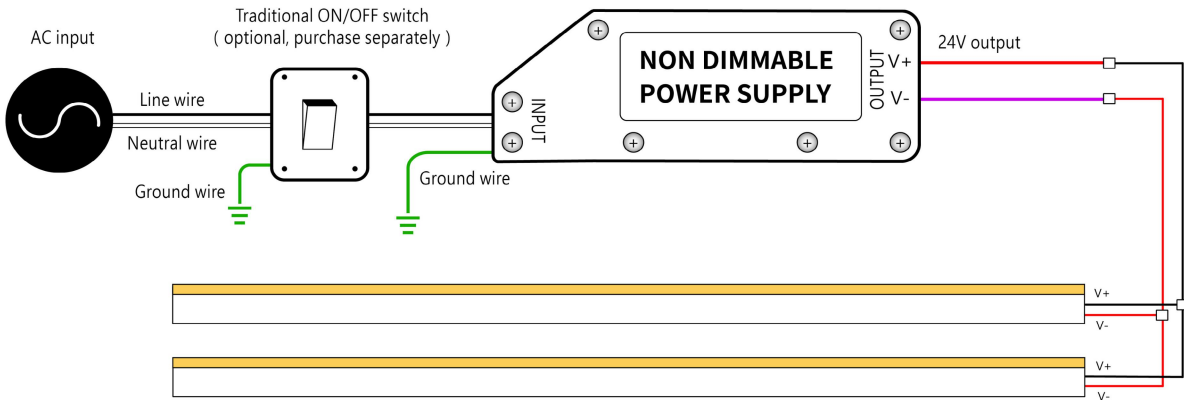|	
Name	Extension connectors
Code	ETC-2P-67-1M
	Extension male and female connectors with 1m white cable, 2 pin

Name	Extension connectors
Code	ETC-2P-67-5M
	Extension male and female connectors with 5m white cable, 2 pin

Wiring Diagram

Non Dimmable

AC input

Traditional ON/OFF switch
(optional, purchase separately)

Line wire

Neutral wire

Ground wire

Ground wire

INPUT

NON DIMMABLE POWER SUPPLY

OUTPUT V+
V-

24V output

V+
V-

V+
V-

Dimmable

AC input

Dimmer
(optional, purchase separately)

Line wire

Neutral wire

Ground wire

INPUT

DIMMABLE POWER SUPPLY

OUTPUT V+
V-

24V output

V+
V-

V+
V-