LINIO NEON 0612 SV RGB

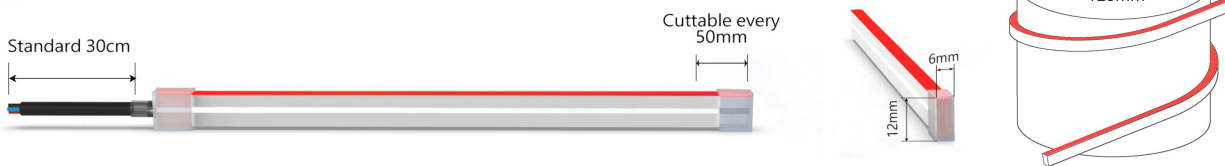**Outdoor · Horizontal Bending · Field Cuttable**

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Features

• Field cuttable & joinable

• Low voltage 24V DC

• RGB allows for versatile lighting effects

• IP67 rated, ideal for indoor and outdoor uses

• UV stable without yellowing or cracking over time

• 3 years warranty

UL | IP67 | OUTDOOR | WET LOCATION | 24V DC | 3 Yr. WARRANTY

FIELD CUTTABLE | UV Stablized | Solvents-resistant | DIMMABLE | Saltwater Resistant | Life span > 30000H

Fixture type	
Project name	
Project phase	
Date	

Dimension & Bending

Standard 30cm

Cuttable every 50mm

6mm

12mm

Bending Diameter 120mm

Physical

Dimensions	6mm x 12mm (width x height)
Bend Direction	Horizontal bending
Bend Diameter	120mm
Cutting Interval	50mm
Field Cuttable	Yes
Housing Material	Dow Corning
Housing Technique	Co-extrusion
Body Color	White
Finish	Glossy
Feed Entry	Front, side, bottom
Feed Length	Standard length 30mm
End Cap	Silicone
Mounting	Clips or channel (rigid)
Storage Temperature	-40~60℃ (-40~140°F)
Ambient Temperature	-40~60℃ (-40~140°F)@10W
Max. Production Length	30m

Performance & Electrical

Voltage	24VDC (23.5Vmin, 24.5Vmax)
Beam Angle	120°
MacAdam	3 steps
Efficacy (lm/W)	15lm/W @10W
CRI	N/A
Lumen Maintenance	> 30,000 hours
IP Rating	IP67/IP44
Resistance	UV, solvent, saltwater, flame
Dimming	PWM, 0-10V, DMX
Control Protocol	N/A
Warranty	3 years

Certification & Safety

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

Lumen/m	10W
■R	31
■G	94
■B	15
■RGB	135
Max. Run Length(m)	5

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Order Code

Series	Temp./Color	Power	Feed Entry	Connector Wire	End Cap	Length (m)
LN0612SV	**RGB**	**010**=10W	**FF**=Front + Front **BB**=Bottom + Bottom **LSLS**=Left Side + Left Side **FC**=Front + Closed **FB**=Front + Bottom **BLS**=Bottom + Left Side **FRS**=Front + Right Side	**OW**=Open wire 30cm **MFC**=Male & female connector 30cm	**SEC**=Silicone end cap (IP67)	Min. - 50mm Max. - 30000mm Cut Inc. - 50mm

Example: LN0612SV-RGB-010-FF-OW-IJ-05000   * Customizable—Contact Beamever representatives

Channels or clips

Code	Description
LN0612-SC	1m straight aluminium channel
LN0612-CL	Stainless steel clip (recommend 3 clips per meter)

* For customization, please specify your demands to your Beamever representatives.

Accessories（Optional）

Code	Description
LN0612-SEC-F	Silicone end cap front entry with 30cm 4 pin cable
LN0612-SEC-C	Silicone closed end cap
MFC-4P-67	Male and female connectors with 30cm cable, IP67, 4 pin
ETC-4P-67-1M	Extension Male & Female connectors with 1m cable, IP67, 4 pin

* Please refer to "Accessories options" for more models available.
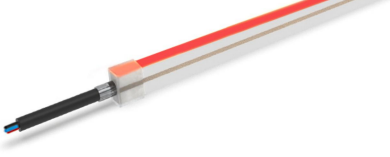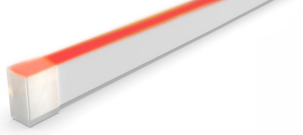
Power supplies or controllers

Code	Description
XLG-150-24-A	PSU 24V/150W IP67, Non dimmable, White
ELG-150-24B-3Y	PSU 24V/150W IP67, 3 in 1 dimming function
ELG-150-24DA-3Y	PSU 24V/150W IP67, DALI control technology

* Please refer to "Power supplies options" and "DMX decoders and controllers options" for more models available.

Note

* Leave your comments or other customized demands (if any) and contact Beamever.
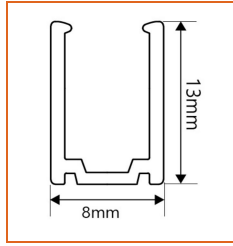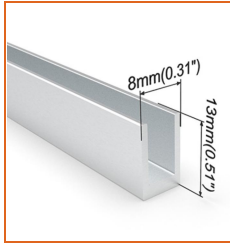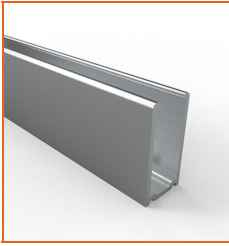
Feed Entry Options

Front feed entry (F)

Left side feed entry (LS)

Right side feed entry (RS)

Closed (C)

Bottom feed entry (B)

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Mounting Options

* Standard length is 1m/pcs.

Name	Straight Aluminum channel
Code	LN0612-SC
Material	Aluminum
Mounting style	Surface mounted
Length	1m
Width	8mm
Height	13mm
Internal width	6.5mm
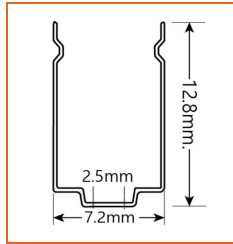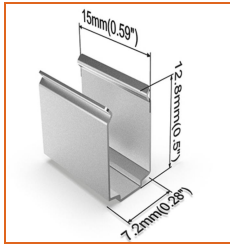
* Recommend use 3 mounting clips for 1m of neon.

Name	Mounting clip
Code	LN0612-CL
Material	Stainless Steel
Mounting style	Surface mounted
Length	15mm
Width	7.2mm
Height	12.8mm
Internal Width	/

Power Supplies 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

DMX Decoders & Controllers & Power Repeaters Options

| Type	Code	Description	Environment	Size
DMX Decoders	LT- 854-5A	4 channels output, Max. 5A current per channel, up to 480W output power	Indoor	175×42×33mm (L x W x H)
Controllers	EX4S	512 DMX channels	Indoor	86×86×36mm (L x W x H)
Controllers	M6+M3-3A	3 Channels output, Max 3A current per channel, up to 216W output power	Indoor	135×30×20mm (L x W x H)
Power Repeaters	LT-3040-5A	3 Channels output, Max 6A current per channel, up to 480W output power	Indoor	175×44×30mm (L x W x H)

Accessories Options

Name	Silicone closed end cap
Code	LN0612-SEC-C

Closed silicone end cap for LINIO NEON 0612 SV
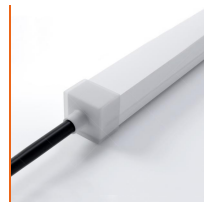
Name	Silicone front end cap
Code	LN0612-SEC-F-4P

Silicone end cap front entry with 30cm 4 pin cable

Name	Silicone side end cap	
Code	LN0612-SEC-S-4p	
Silicone end cap side entry with 30cm 4 pin cable		

Name	Silicone bottom end cap	
Code	LN0612-SEC-B-4P	
Silicone end cap bottom entry with 30cm 4 pin cable		

Name	Male & female connectors	
Code	MFC-4P-67	
Male and female connectors with 30cm cable, IP67, 4 pin		

Name	Extension connectors	
Code	ETC-4P-67-1M	
Extension Male & Female connectors with 1m cable, IP67, 4 pin		

Name	Extension connectors	
Code	ETC-4P-67-5M	
Extension Male & Female connectors with 5m cable, IP67, 4 pin		

Name	Silicone glue	
Code	SG	
Silicone glue		

Wiring Diagram

Dimmable