LINIO NEON 1615 SV RGB
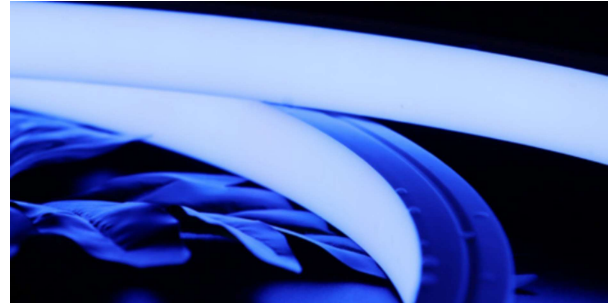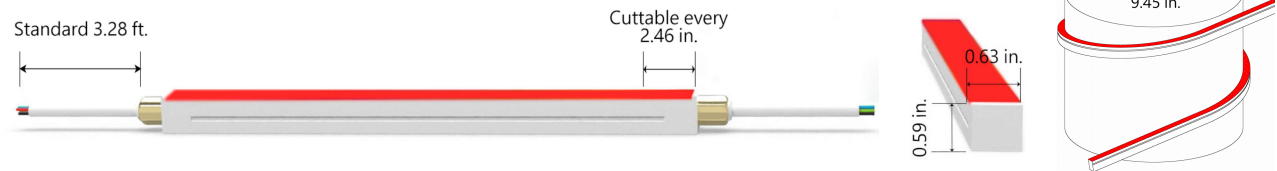## Outdoor · RGB · Field Cuttable

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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 use

• All dimming protocols dimmable

• UV stable without yellowing or cracking over time

UL	IP67	OUTDOOR	WET LOCATION	24V DC	5 Yr. WARRANTY
FIELD CUTTABLE	FIELD JOINABLE	DIMMABLE	UV Stablized		

Fixture type	
Project name	
Project phase	
Date	

Dimension & Bending

Standard 3.28 ft.

Cuttable every 2.46 in.

Bending Diameter 9.45 in.

0.63 in.

0.59 in.

Physical

Dimensions	0.63'' x 0.59'' (width x height)
Bend Direction	Vertical bending
Bend Diameter	9.45'' (240mm)
Cutting Interval	2.46'' (62.5mm)
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℃ (-13~140°F)
Ambient Temperature	-25~35℃ (-13~95°F)
Max. Production Length	98.43ft (30m)

Performance & Electrical

Voltage	24VDC (23.5Vmin, 24.5Vmax)
Beam Angle	120°
MacAdam	3 steps
Efficacy (lm/W)	30lm/W
CRI	N/A
Lumen Maintenance	> 30,000 hours
IP Rating	IP67
Resistance	UV, solvent, saltwater, flame
Dimming	DMX
Control Protocol	N/A
Warranty	5 years

Certification & Safety

Certifications	UL
Environment	Dry, damp or wet locations

Lumen/ft	4.57W
R	34
G	91
B	15
RGB	137
Max. Run Length (ft)	16.4

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Order Code

Series	Temp./Color	Power	Feed Entry	Connector Wire	End Cap	Length (ft)
LN1615SV	**RGB**	**457**=4.57W	**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 3.28' **MFCW**=Male & female connector with 0.98' white cable **MFCB**=Male & female connector with 0.98' black cable	**IJ**=Injected end cap (IP67) * Factory made only **SEC**=Silicone end cap (IP67) * End caps are added by default	Min. - 2.46'' Max. - 98.4' Cut Inc. - 2.46''

Example: LN1615SV-RGB-457-FF-OW-IJ-11'

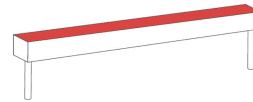* Customizable—Contact Beamever representatives

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

Feed Entry Options

Front+Front feed entry (FF)

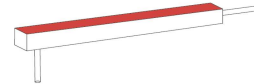Bottom+Bottom feed entry (BB)

Side+Side feed entry (SS)
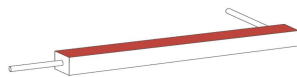

Front+Closed feed entry (FC)

Front+Bottom feed entry (FB)
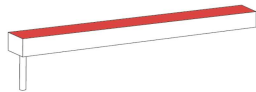

Bottom+Front feed entry (BF)

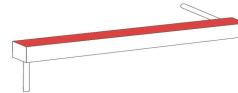Front+Left Side feed entry (FLS)

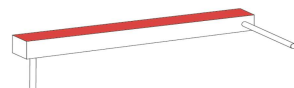Front+Right Side feed entry (FRS)

Bottom+Closed feed entry (BC)
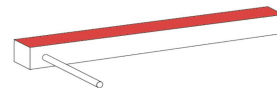

Bottom+Left Side feed entry (BLS)

Bottom+Right Side feed entry (BRS)

Left Side+Closed feed entry (LSC)
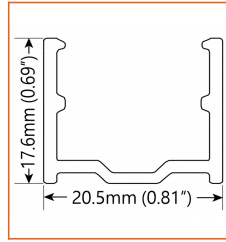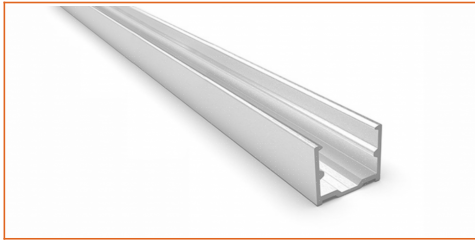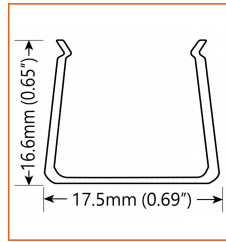

Right Side+Closed feed entry (RSC)

Mounting Options

* Standard length is 3.28'/pcs.

Name	Straight aluminum channel
Code	LN1615-SC
Material	Aluminum
Mounting style	Surface mounted
Length	3.28' (1m)
Width	0.81" (20.5mm)
Height	0.69" (17.6mm)
Internal width	/
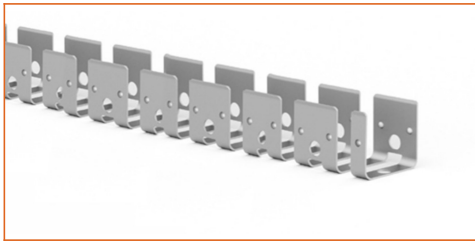
* Standard length is 1.64'/pcs.

Name	Bendable channel
Code	LN1615-BC
Material	Stainless Steel
Mounting style	Surface mounted
Length	1.64' (0.5m)
Width	0.69" (17.5mm)
Height	0.65" (16.6mm)
Internal Width	/

* Standard length is 3.28'/pcs.

Name	Recessed straight channel
Code	LN1615-RSC
Material	Aluminum
Mounting style	Recessed mounted
Length	3.28' (1m)
Width	1.18'' (30mm)
Height	0.76'' (19.28)
Internal width	/
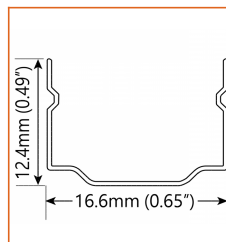
* Recommend use 1 mounting clip for 1' of neon.

Name	Mounting clip
Code	LN1615-CL
Material	Stainless Steel
Mounting style	Surface mounted
Length	0.79" (20mm)
Width	0.65" (16.6mm)
Height	0.49" (12.4mm)
Internal Width	/

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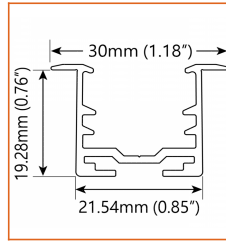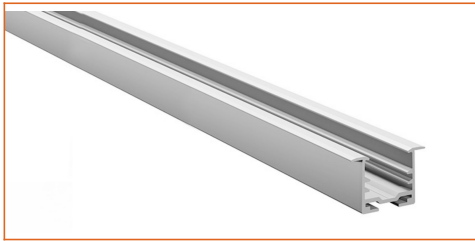
Driver Options

Code	Max Load	Input	Output	Dimmable	Class 2	Environment	Size (L*W*H)
Non Dimmable							
KV-24030-ASW	30W	100-277VAC	24V	No	Yes	Dry/damp	6.10*2.12*0.78 inch
KV-24060-ASW	60W	100-277VAC	24V	No	Yes	Dry/damp	7.00*2.40*0.94 inch
KV-24096-ASW	96W	100-277VAC	24V	No	Yes	Dry/damp/wet	9.05*2.75*1.69 inch
KV-24150-ASW	150W	100-277VAC	24V	No	No	Dry/damp/wet	10.07*3.07*1.85 inch
KV-24200-ASW	200W	100-277VAC	24V	No	No	Dry/damp/wet	10.07*3.07*1.85 inch
KV-24300-ASW	300W	100-277VAC	24V	No	No	Dry/damp/wet	10.86*3.07*1.85 inch
DMX512 Dimmable							
KVX-24096-3C-A	96W	100-277VAC	24V	Yes	Yes	Dry/damp/wet	9.05*3.07*0.98 inch
KVX-24150-3C-A	150W	100-277VAC	24V	Yes	No	Dry/damp/wet	10.9*3.07*0.98 inch
KVX-24200-3C-A	200W	100-277VAC	24V	Yes	No	Dry/damp/wet	10.9*3.07*0.98 inch
KVX-24300-3C-A	300W	100-277VAC	24V	Yes	No	Dry/damp/wet	11.85*3.07*0.98 inch

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

DMX Decoder Options

Code	Description
LT-903	3 channels output, up to 576W output power
LT-912	12 channels output, up to 1152W output power
LT-924	24 channels output, up to 1728W output power

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

Controller Options

Code	Description
DINA-DR micro	DMX 60 channels, DMX Stand Alone controller with 10 scenes, USB connectivity for programming
SLESA-U9	DMX 256 channels, USB connection, stand alone mode with 1 area and 20 scenes
STICK-GA2	DMX 512 channels, ready to use (pre-loaded with 8 scenes and 170 RGB fixtures)
STICK-CW4	DMX 1024 channels, up to 36 scenes stored and directly recalled via 6 touch sensitive buttons

* Please refer to the spec sheet of each controller for more detailed information
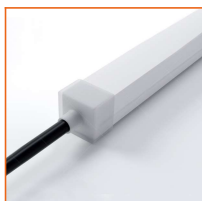
Accessories Options (Optional, purchase for extra)

Name	Silicone closed end cap
Code	LN1615-SEC-C

Closed silicone end cap

Name	Silicone front end cap
Code	LN1615-SEC-F-4P

Silicone end cap front entry with 11.81'' black cable, 4 pin

Name	Silicone side end cap
Code	LN1615-SEC-S-4P

Silicone end cap side entry with 11.81'' black cable, 4 pin

Name	Silicone bottom end cap
Code	LN1615-SEC-B-4P

Silicone end cap bottom entry with 11.81'' black cable, 4 pin

Name	Male and female connectors
Code	MFC-4P-67-B

Male and female connectors with 11.81'' black cable, 4 pin

Name	Male and female connectors
Code	MFC-4P-67-W

Male and female connectors with 11.81'' white cable, 4 pin
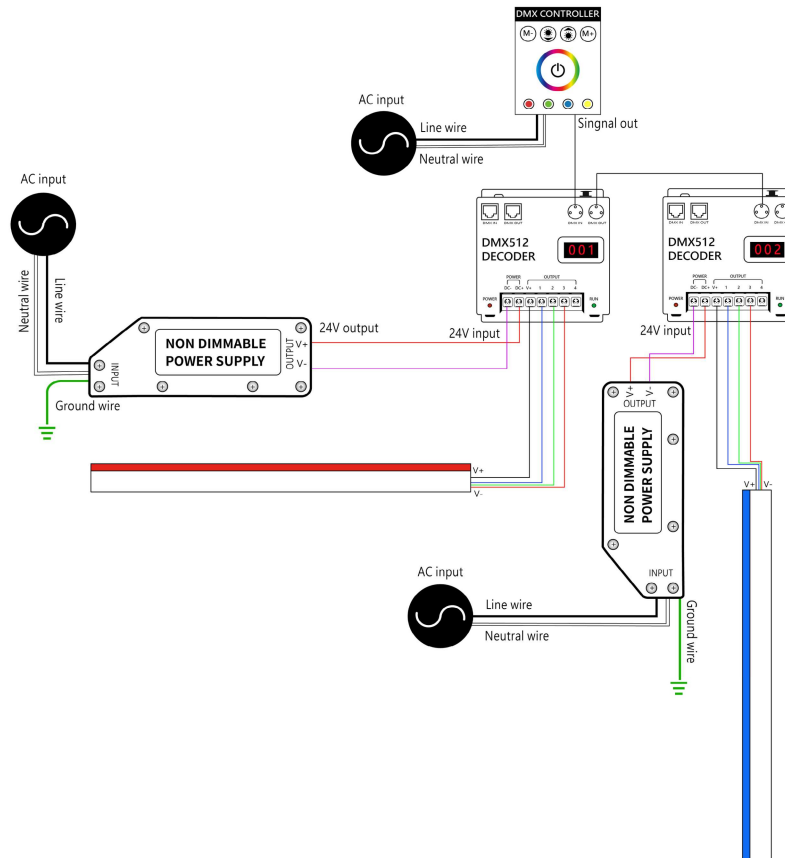
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Name	Extension connectors
Code	ETC-4P-67-1M
Extension Male and female connectors with 1m(3.28ft) white cable, 4 pin	

Name	Extension connectors
Code	ETC-4P-67-5M
Extension Male and female connectors with 5m(16.4ft) white cable, 4 pin	

Wiring Diagram

Nicolaudie + DMX Control System

Nicolaudie + DMX Driver System