LINIO NEON 1615 TV PIXEL RGBW

Outdoor · Pixel RGBW · Field Cuttable

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Features

• Field cuttable & joinable

• Low voltage 24V DC

• Color chasing 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	5 Yr. WARRANTY
FIELD CUTTABLE	UV Stablized	Solvents-resistant	DIMMABLE	Saltwater Resistant	Life span > 30000H

Fixture type	
Project name	
Project phase	
Date	

Dimension & Bending

Standard 3.28 ft.

Cuttable every 4.92 in.

0.63 in.

0.59 in.

Bending Diameter 9.45 in.

Physical

Dimensions	0.63'' x 0.59'' (width x height)
Bend Direction	Vertical bending
Bend Diameter	9.45'' (240mm)
Cutting Interval	4.92'' (125mm)
Field Cuttable	Yes
Housing Material	Dow Corning
Housing Technique	Co-extrusion
Body Color	White
Finish	Matt
Feed Entry	Front, side, bottom
Feed Length	Standard length 3.28'
End Cap	Injected (Factory made only)
Mounting	Clips or channels (rigid or bendable)
Storage Temperature	-40℃(-40℉) to 60℃ (140℉)
Ambient Temperature	-40℃(-40℉) to 55℃ (131℉)@4.27W
Max. Production Length	98.43ft (30m)

Performance & Electrical

Voltage	24VDC (23.5Vmin, 24.5Vmax)
Beam Angle	120°
MacAdam	3 steps
Efficacy (lm/W)	28lm/W @RGBW40 4.27W
CRI	N/A
Lumen Maintenance	> 30,000 hours
IP Rating	IP67
Resistance	UV, solvent, saltwater, flame
Dimming	DMX
IC Type	UCS512C2L
Warranty	5 years

Certification & Safety

Certifications	UL
Environment	Dry, damp or wet locations

Lumen/ft	4.27W
■ R	12
■ G	36
■ B	9
■ W27	61
■ W40	65
■ W53	62
■ RGBW40	121
Max. Run Length(ft)	16.4

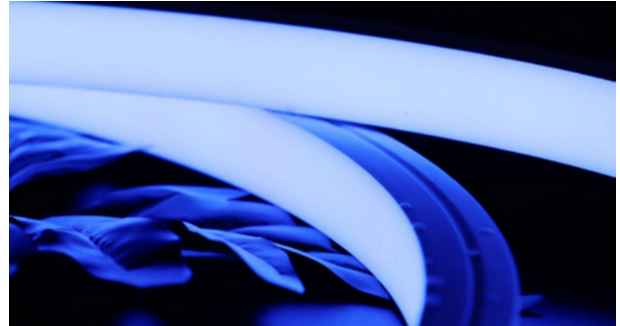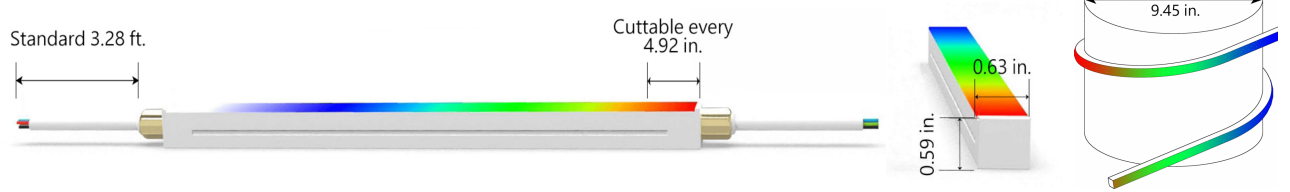# LINIO NEON 1615 TV PIXEL RGBW

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Order Code

Series	Temp./Color	Power	Feed Entry	Connector Wire	End Cap	Length (ft)
LN1615TV	PRGBW27 (2700K) PRGBW40 (4000K) PRGBW53 (5300K)	427=4.27W	**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) * End caps are added by default	Min. - 4.92'' Max. - 98.4' Cut Inc. - 4.92''

Example: LN1615TV-PRGBW27-427-FF-OW-IJ-11'

* Customizable—Contact Beamever representatives
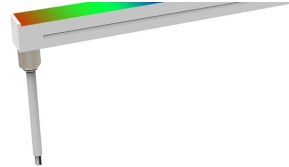
Feed Entry Options

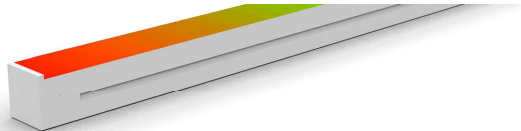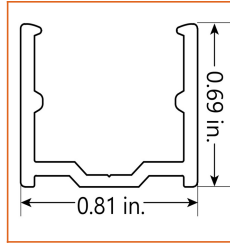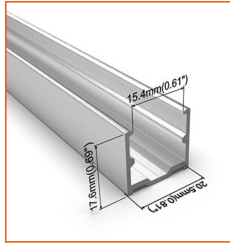### Front feed entry (F)
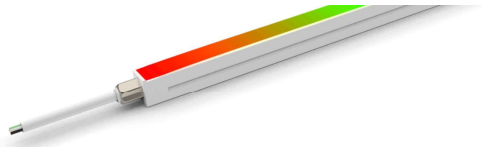
Left side feed entry (LS)

Right side feed entry (RS)
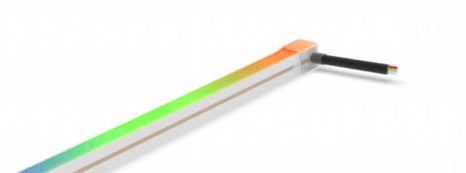
Bottom feed entry (B)
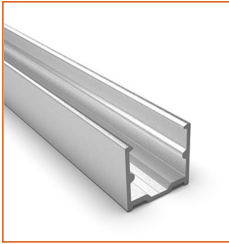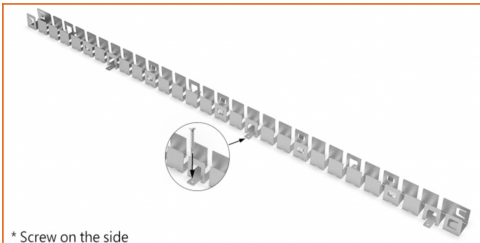

Closed feed entry (C)

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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	0.61" (15.4mm)

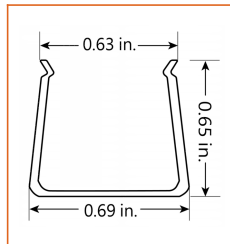* Screw on the side

* Standard length is 1.64'/pcs.
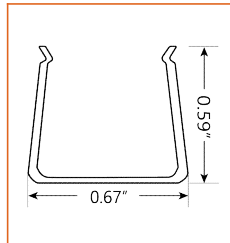
Name	Bendable channel (Side screw)
Code	LN1615-BC-S
Material	Stainless Steel
Mounting style	Surface mounted
Length	1.64' (0.5m)
Width	1.20" (30.4mm)
Height	0.59" (15mm)
Internal Width	0.67" (17mm)
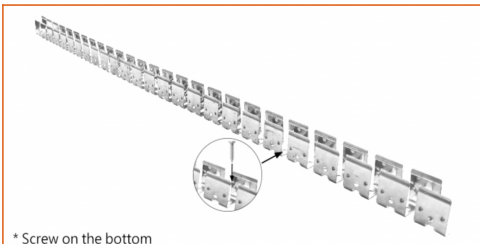
* Screw on the bottom
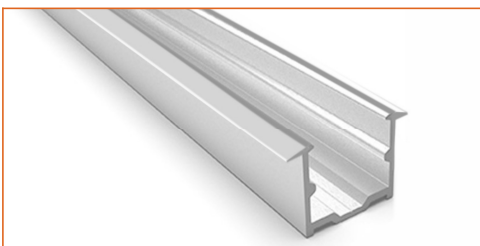
* Standard length is 3.28'/pcs.

Name	Bendable channel (Bottom screw)
Code	LN1615-BC-B
Material	Stainless Steel
Mounting style	Surface mounted
Length	3.28' (1m)
Width	0.69" (17.5mm)
Height	0.65" (16.6mm)
Internal Width	0.63" (16mm)
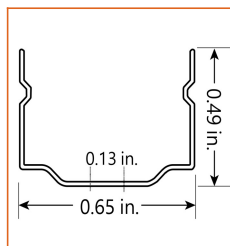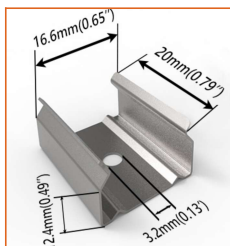
* Recommend use 1 mounting clip for 1' of neon.

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	/

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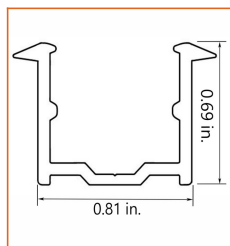
Name	Recessed straight channel
Code	LN1615-RSC
Material	Aluminum
Mounting style	Recessed mounted
Length	3.28' (1m)
Width	0.81" (20.5mm)
Height	0.69" (17.6mm)
Internal width	/

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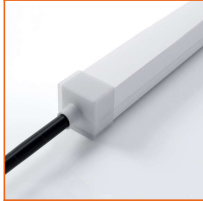
* Please refer to the spec sheet of each power supply for more detailed information

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 for LINIO NEON 1615 TV

Name   Silicone front end cap
Code   LN1615-SEC-F-5P
Silicone end cap front entry with 11.81'' black cable, 5 pin

Name   Silicone side end cap
Code   LN1615-SEC-S-5P
Silicone end cap side entry with 11.81'' black cable, 5 pin

Name   Silicone bottom end cap
Code   LN1615-SEC-B-5P
Silicone end cap bottom entry with 11.81'' black cable, 5 pin

Name   Male and female connectors
Code   MFC-5P-67
Male and female connectors with 11.81'' white cable, 5 pin

Name   Extension connectors
Code   ETC-5P-67-1M
Extension Male and female connectors with 1m(3.28ft) white cable, 5 pin

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

Name   IP67 Signal connectors
Code   SC-5P-67
Male connector and female signal connector with 7.87'' cable, 5 pin

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Name	IP67 T connector
Code	TC-5P-67

Male connector and female T-shaped connector with 7.87'' cable, 5 pin

Name	Silicone glue
Code	SG

Silicone glue used for silicone end caps

Name	Suspension cord
Code	LN1615-SPC

Use with the channel

Wiring Diagram

Dimmable