

LINIO NEON 1220 SV PIXEL RGBW

Outdoor · Horizontal Bending · Field Cuttable

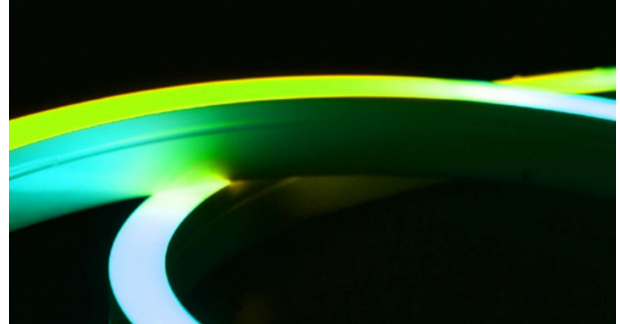
Beamever

Features

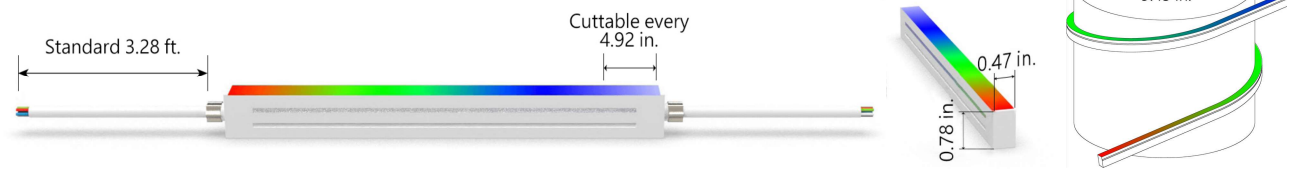
- Field cuttable & joinable
- Low voltage 24V DC
- Color chasing effects
- IP67 rated, ideal for indoor and outdoor uses
- UV stable without yellowing or cracking over time
- 5 years warranty



Fixture type	
Project name	
Project phase	
Date	



Dimension & Bending



Physical

Dimensions	0.47" x 0.78" (width x height)
Bend Direction	Horizontal 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 channel (rigid or bendable)
Storage Temperature	-40°C(-40°F) to 60°C (140°F)
Ambient Temperature	-40°C(-40°F) to 45°C (113°F)@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)	17lm/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	7
■ G	21
■ B	6
■ W27	36
■ W40	39
■ W53	37
■ RGBW40	73
Max. Run Length(ft)	16.4

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Order Code

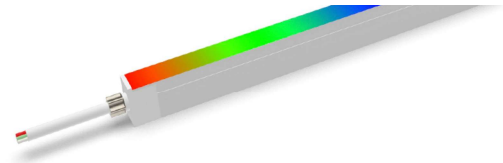
Series	Temp./Color	Power	Feed Entry	Connector Wire	End Cap	Length (ft)
LN1220SV	PRGBW27 (2700K) PRGBW40 (4000K) PRGBW53 (5300K)	427=4.27W	FF=Front + Front BB=Bottom + Bottom LLS=Left Side + Left Side RSRS=Right Side + Right Side FC=Front + Closed FB=Front + Bottom FLS=Front + Left Side FRS=Front + Right 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: LN1220SV-PRGBW27-427-FF-OW-IJ-11'

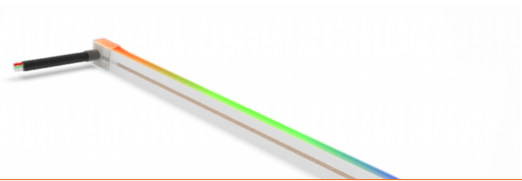
* Customizable—Contact Beamever representatives

Feed Entry Options

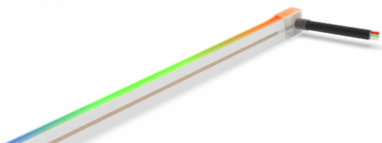
Front feed entry (F)



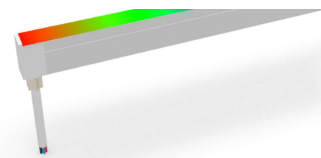
Left side feed entry (LS)



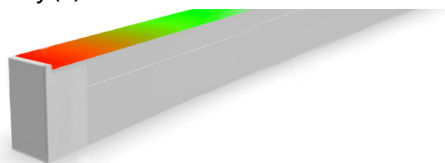
Right side feed entry (RS)



Bottom feed entry (B)



Closed feed entry (C)

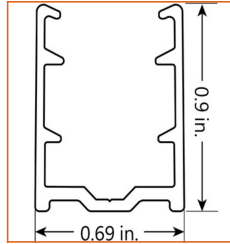
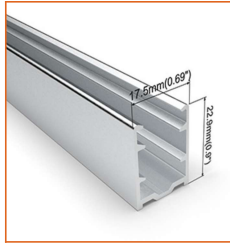


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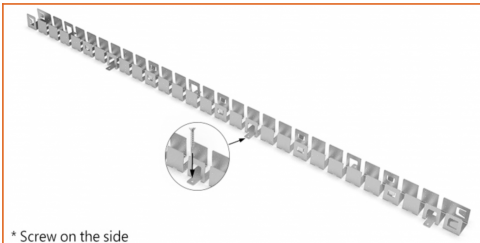
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Mounting Options

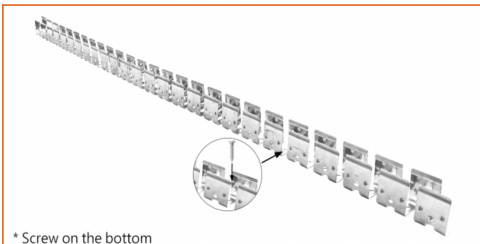
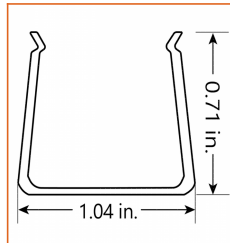


* Standard length is 3.28' / pcs.



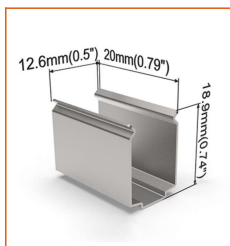
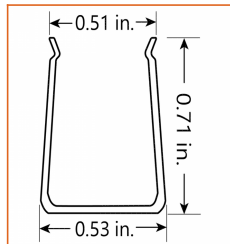
* Screw on the side

* Standard length is 1.64' / pcs.

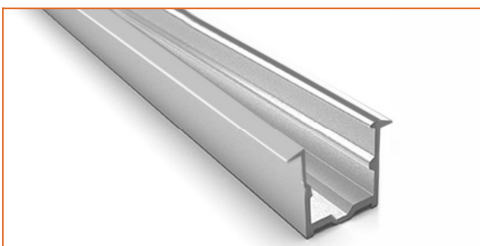
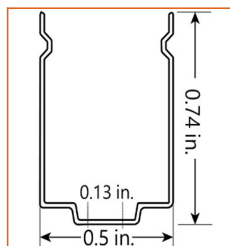


* Screw on the bottom

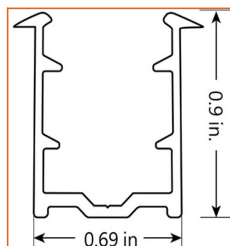
* Standard length is 3.28' / pcs.



* Recommend use 1 mounting clip for 1' of neon.



* Standard length is 3.28' / pcs.



Name	Straight aluminum channel
Code	LN1220-SC
Material	Aluminum
Mounting style	Surface mounted
Length	3.28' (1m)
Width	0.69" (17.5mm)
Height	0.9" (22.9mm)
Internal width	/

Name	Bendable channel (Side screw)
Code	LN1220-BC-S
Material	Stainless Steel
Mounting style	Surface mounted
Length	1.64' (0.5m)
Width	1.04" (26.4mm)
Height	0.71" (18mm)
Internal Width	/

Name	Bendable channel (Bottom screw)
Code	LN1220-BC-B
Material	Stainless Steel
Mounting style	Surface mounted
Length	3.28' (1m)
Width	0.53" (13.5mm)
Height	0.71" (18mm)
Internal Width	0.51" (12.9mm)

Name	Mounting clip
Code	LN1220-CL
Material	Stainless Steel
Mounting style	Surface mounted
Length	0.79" (20mm)
Width	0.5" (12.6mm)
Height	0.74" (18.9mm)
Internal Width	/

Name	Recessed straight channel
Code	LN1220-RSC
Material	Aluminum
Mounting style	Recessed mounted
Length	3.28' (1m)
Width	0.69" (17.5mm)
Height	0.9" (22.9mm)
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


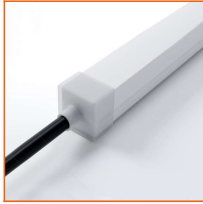






* Please refer to the spec sheet of each power supply for more detailed information

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)

	<p>Name Silicone closed end cap</p> <p>Code LN1220SV-SEC-C</p> <p>Closed silicone end cap for LINIO NEON 1220 SV</p>		<p>Name Silicone front end cap</p> <p>Code LN1220SV-SEC-F-5P</p> <p>Silicone end cap front entry with 11.81" black cable, 5 Pin</p>
	<p>Name Silicone side end cap</p> <p>Code LN1220SV-SEC-S-5P</p> <p>Silicone end cap side entry with 11.81" black cable, 5 Pin</p>		<p>Name Silicone bottom end cap</p> <p>Code LN1220SV-SEC-B-5P</p> <p>Silicone end cap bottom entry with 11.81" black cable, 5 Pin</p>
	<p>Name Male and female connectors</p> <p>Code MFC-5P-67</p> <p>Male and female connectors with 11.81" white cable, 5 Pin</p>		<p>Name Extension connectors</p> <p>Code ETC-5P-67-1M</p> <p>Extension Male and female connectors with 1m(3.28ft) white cable, 5 Pin</p>
	<p>Name Extension connectors</p> <p>Code ETC-5P-67-5M</p> <p>Extension Male and female connectors with 5m(16.4ft) white cable, 5 Pin</p>		<p>Name IP67 Signal connectors</p> <p>Code SC-5P-67</p> <p>Male connector and female signal connector with 7.87" cable, 5 pin</p>

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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



Name Suspension cord
Code LN1220-SPC
Use with the channel

Wiring Diagram

Dimmable

