

Beamever

LINIO NEON 360° RGB

Designer's Custom Playground

All-direction Bending · RGB

Features

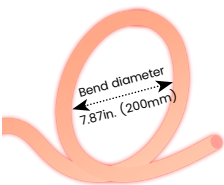
- 360 degree emitting, with changeable RGB colors
- IP67 rated, ideal for outdoor uses
- 5 years warranty

Applications

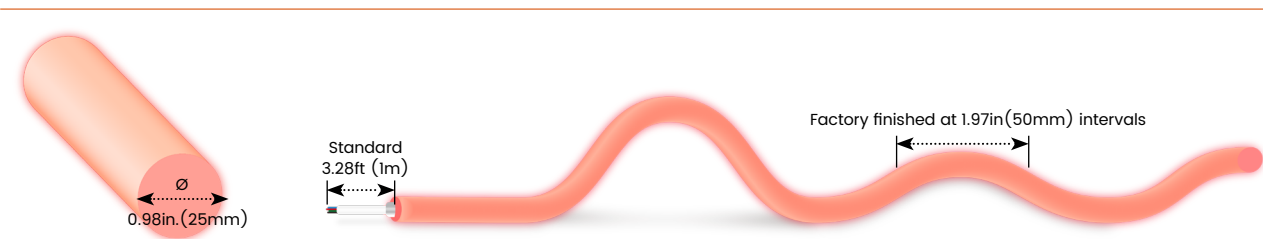
Libraries, coffee shops, offices, lobbies, malls, studios, etc.

Date	Fixture type
Project name	Project phase

Bending Directions & Diameters



Dimensions



Order Code

Model	Environment	Voltage	CCT	Power	End Cap	Left Feed Entry	
LN360	W7-Wet (IP67)	24V-DC24V	RGB-RGB	3.1-3.05W/ft	FT Flush Translucent	F Front	OW Open wire 3.28ft (1m)
						S Side	MC Male connector with 11.81in. (300mm) cable
						C Closed	FC Female connector with 11.81in. (300mm)cable
							NA Only for Closed Feed Entry

Assembly Builder

Assembly Builder

Right Feed Entry			Length	
F Front	OW	Open wire 3.28ft (1m)	Max. nominal	16.4ft (5m)
S Side	MC	Male connector with 11.81in. (300mm) cable	Increment	1.97in. (50mm)
C Closed	FC	Female connector with 11.81in. (300mm)cable		
	NA	Only for Closed Feed Entry		

Mounting Order Code

Product Code
Please select on the Mounting Options page

*We will list the nearest actual manufacturing length on the quotation, based on your requested length.

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Lumen Output (lm/ft)

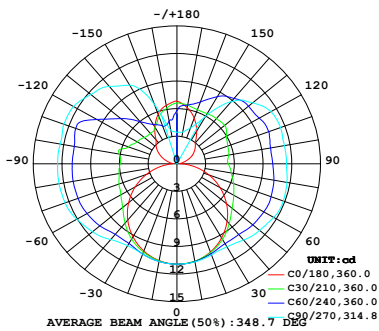
CCT	3.05W/ft
■ R	21
■ G	61
■ B	14
■ RGB	96
Max. Run for Class 2*	16.4ft (5m)
Max. Run Supported Length	16.4ft (5m)
*Typically installations in USA and Canada comply with Class 2 requirements	

Technical Details

Efficacy	31lm/W @RGB 3.05W
Beam Angle	360°
Average Life (L80B10)	>38,000 hours
Storage Temperature	-40°F~-140°F (-40°C~ 60°C)
Operating Temperature	-40°F~-113°F (-40°C~ 45°C)

Photometry

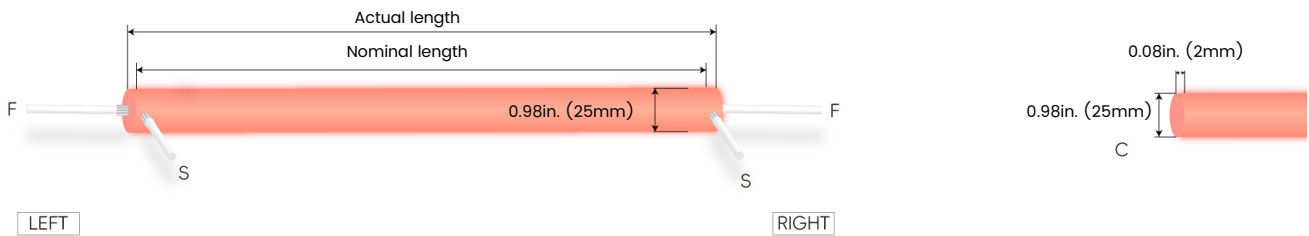
LN360-W7-24V-RGB-3.1-FT-F-OW-F-OW
LINIO NEON 360° RGB, All-direction Bend, RGB, 3.05W/ft



Zone	Lumen	% Fixture
0~30	8.7	9.0%
0~40	14.6	15.2%
0~60	29.3	30.5%
0~90	53.5	55.6%
0~180	96.1	100.0%

Feed Entry / End Cap Options

FT: Flush Translucent – IP67, factory-made only



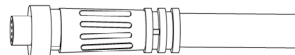
Connector Wire Options



OW: Open wire, **Dry only**
Standard 11.81in. (300mm), 20 AWG,
wire length customizable

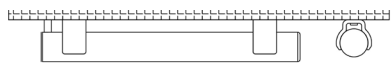


MC: Male connector, **Wet**
Standard 11.81in. (300mm), 20 AWG



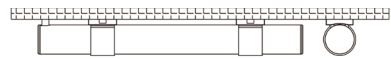
FC: Female connector, **Wet**
Standard 11.81in. (300mm), 20 AWG

Mounting Options



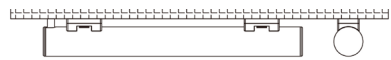
NF360-SFC-O

Name	Surface mount clear bracket-open clip
Material	PC



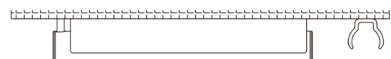
NF360-SFC-C

Name	Surface mount clear bracket-closed clip
Material	PC



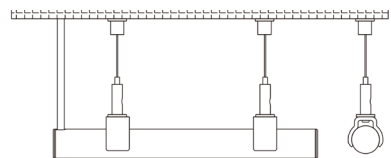
NF360-SFC-L

Name	Surface mount clear bracket-low profile clip
Material	PC



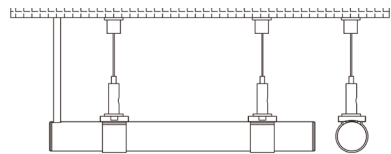
NF360-SFC-PC

Name	Surface mount clear bracket-PC channel
Material	PC



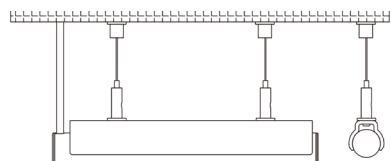
NF360-SPC-O

Name	Suspended mount clear bracket-open clip
Material	Stainless Steel, PC



NF360-SPC-C

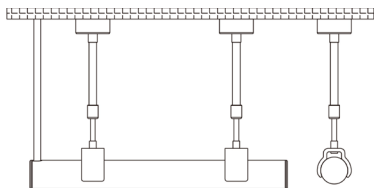
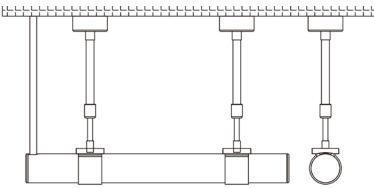
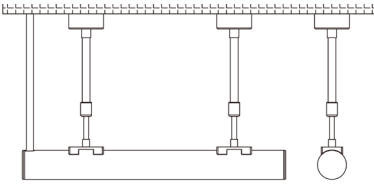
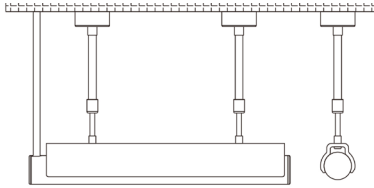
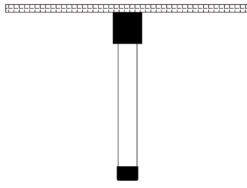
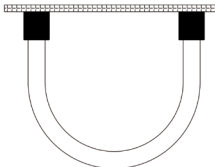
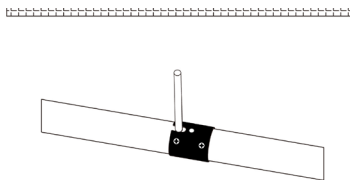
Name	Suspended mount clear bracket-closed clip
Material	Stainless Steel, PC



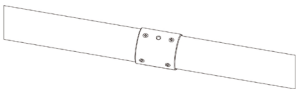
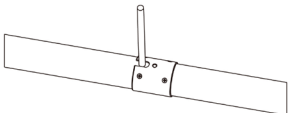
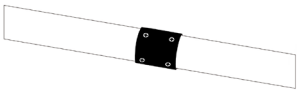
NF360-SPC-PC

Name	Suspended mount clear bracket-PC channel
Material	Stainless Steel, PC

Mounting Options

		NF360-TLC-O <table><tr><td>Name</td><td>Telescoping white bracket-open clip</td></tr><tr><td>Material</td><td>PC</td></tr><tr><td>Adjustable Length</td><td>19.69-39.37in.(500-1000mm)</td></tr></table>	Name	Telescoping white bracket-open clip	Material	PC	Adjustable Length	19.69-39.37in.(500-1000mm)
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Material	PC							
Adjustable Length	19.69-39.37in.(500-1000mm)							
		NF360-TLC-C <table><tr><td>Name</td><td>Telescoping white bracket-closed clip</td></tr><tr><td>Material</td><td>PC</td></tr><tr><td>Adjustable Length</td><td>19.69-39.37in.(500-1000mm)</td></tr></table>	Name	Telescoping white bracket-closed clip	Material	PC	Adjustable Length	19.69-39.37in.(500-1000mm)
Name	Telescoping white bracket-closed clip							
Material	PC							
Adjustable Length	19.69-39.37in.(500-1000mm)							
		NF360-TLC-L <table><tr><td>Name</td><td>Telescoping white bracket-low profile clip</td></tr><tr><td>Material</td><td>PC</td></tr><tr><td>Adjustable Length</td><td>19.69-39.37in.(500-1000mm)</td></tr></table>	Name	Telescoping white bracket-low profile clip	Material	PC	Adjustable Length	19.69-39.37in.(500-1000mm)
Name	Telescoping white bracket-low profile clip							
Material	PC							
Adjustable Length	19.69-39.37in.(500-1000mm)							
		NF360-TLC-PC <table><tr><td>Name</td><td>Telescoping white bracket-PC channel</td></tr><tr><td>Material</td><td>PC</td></tr><tr><td>Adjustable Length</td><td>19.69-39.37in.(500-1000mm)</td></tr></table>	Name	Telescoping white bracket-PC channel	Material	PC	Adjustable Length	19.69-39.37in.(500-1000mm)
Name	Telescoping white bracket-PC channel							
Material	PC							
Adjustable Length	19.69-39.37in.(500-1000mm)							
		NF360-VB <table><tr><td>Name</td><td>Vertical metal flush surface mount bracket-black</td></tr><tr><td>Material</td><td>Aluminum</td></tr></table>	Name	Vertical metal flush surface mount bracket-black	Material	Aluminum		
Name	Vertical metal flush surface mount bracket-black							
Material	Aluminum							
		NF360-UB <table><tr><td>Name</td><td>U-shaped metal flush mount bracket-black</td></tr><tr><td>Material</td><td>Aluminum</td></tr></table>	Name	U-shaped metal flush mount bracket-black	Material	Aluminum		
Name	U-shaped metal flush mount bracket-black							
Material	Aluminum							
		NF360-JNB-S <table><tr><td>Name</td><td>Metal joiner bracket-black (side cable entry only)</td></tr><tr><td>Material</td><td>Aluminum</td></tr></table>	Name	Metal joiner bracket-black (side cable entry only)	Material	Aluminum		
Name	Metal joiner bracket-black (side cable entry only)							
Material	Aluminum							

Mounting Options



NF360-JNB-C

Name	Metal joiner bracket-black (closed end cap)
Material	Aluminum



NF360-JNC-S

Name	Joiner bracket-clear (side cable entry only)
Material	PC



NF360-JNC-C

Name	Joiner bracket-clear (closed end cap)
Material	PC

Additional Accessories (Optional, purchase for extra)



MCW-4P-67
Male connector,
11.8lin. (300mm) white cable,
4 pin, IP67, Wet, 20 AWG



FCW-4P-67
Female connector,
11.8lin. (300mm) white cable,
4 pin, IP67, Wet, 20 AWG



MCB-4P-67
Male connector,
11.8lin. (300mm) black cable,
4 pin, IP67, Wet, 20 AWG



FCB-4P-67
Female connector,
11.8lin. (300mm) black cable,
4 pin, IP67, Wet, 20 AWG

Drivers

Non-dimmable

Code	Max Load	Input	Output	Class 2	With Junction Box	Environment	Size (L x W x H)
KV-24030-ASW	30W	100-277VAC	24V	Yes	No	Dry/Damp	6.1 x 2.1 x 0.8in. (155 x 54 x 20mm)
KV-24060-ASW	60W	100-277VAC	24V	Yes	No	Dry/Damp	7 x 2.4 x 0.9in. (178 x 61 x 24mm)
KV-24096-ASW	96W	100-277VAC	24V	Yes	No	Dry/Damp/Wet	9.1 x 2.8 x 1.7in. (230 x 70 x 43mm)

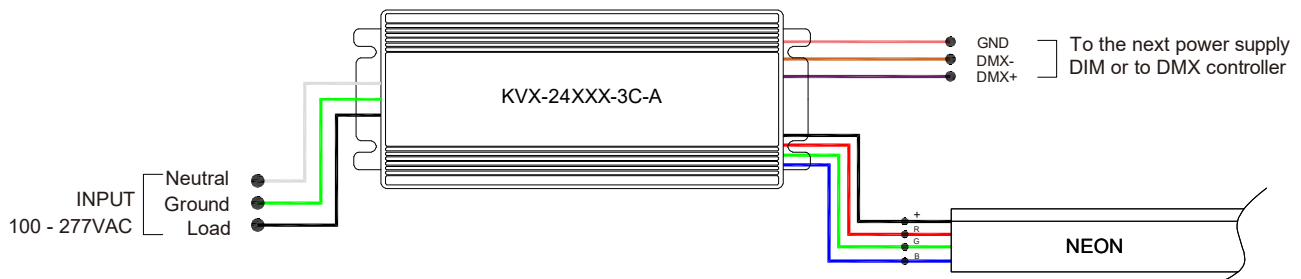
DMX-dimmable

Code	Max Load	Input	Output	Class 2	Environment	Size (L x W x H)
KVX-24096-3C-A	96W	100-277VAC	24V	Yes	Dry/Damp/Wet	9.05 x 3.07 x 0.98 in. (230 x 78 x 25 mm)
KVX-24150-3C-A	150W	100-277VAC	24V	No	Dry/Damp/Wet	10.90 x 3.07 x 0.98 in. (277 x 78 x 25 mm)
KVX-24200-3C-A	200W	100-277VAC	24V	No	Dry/Damp/Wet	10.90 x 3.07 x 0.98 in. (277 x 78 x 25 mm)
KVX-24300-3C-A	300W	100-277VAC	24V	No	Dry/Damp/Wet	11.85 x 3.07 x 0.98 in. (301 x 78 x 25 mm)

DMX-Decoders & Controllers Options

Type	Code	Description	Size (L x W x H)
DMX-Decoders	LT-903	3 channels output, up to 576W output power	4.80 x 4.33 x 1.46 in. (122 x 110 x 37 mm)
DMX-Decoders	LT-912	12 channels output, up to 1152W output power	7.09 x 4.80 x 1.54 in. (180 x 122 x 39 mm)
DMX-Decoders	LT-924	24 channels output, up to 1728W output power	11.81 x 4.80 x 1.54 in. (300 x 122 x 39 mm)
Controllers	DINA-DR micro	DMX 60 channels stand-alone controller with 10 scenes and USB programming	2.05 x 1.14 x 0.94 in. (52 x 29 x 24 mm)
Controllers	SLESA-U9	DMX 256 channels, USB connection, standalone mode with 1 area and 20 scenes	3.03 x 3.43 x 1.57 in. (77 x 87 x 40 mm)
Controllers	STICK-CW4	DMX 1024 channels controller with 36 scenes and 6 touch buttons	4.17 x 5.75 x 0.39 in. (106 x 146 x 10 mm)

Wiring Diagram



24V Voltage Drop & Maximum Wire Length Chart

Based on 24V voltage with a 3% voltage drop allowance. Indicates the maximum wire length from the power supply to the start of the run.

Total load	8AWG	10AWG	12AWG	14AWG	16AWG	18AWG	20AWG	22AWG
10W / 0.4A	1588ft (484.0m)	999ft (304.5m)	628ft (191.4m)	395ft (120.4m)	248ft (75.5m)	156ft (47.5m)	98ft (29.8m)	61ft (18.5m)
20W / 0.8A	794ft (242.0m)	499ft (152.1m)	314ft (95.7m)	197ft (60.0m)	124ft (37.8m)	78ft (23.7m)	49ft (14.9m)	30ft (9.1m)
30W / 1.3A	529ft (161.2m)	333ft (101.5m)	209ft (63.7m)	131ft (39.9m)	82ft (24.9m)	52ft (15.8m)	32ft (9.7m)	20ft (6.1m)
40W / 1.7A	397ft (121.0m)	249ft (75.9m)	157ft (47.8m)	98ft (29.8m)	62ft (18.9m)	39ft (11.8m)	24ft (7.3m)	15ft (4.5m)
50W / 2.1A	317ft (96.6m)	199ft (60.6m)	125ft (38.1m)	79ft (24.0m)	49ft (14.9m)	31ft (9.4m)	19ft (5.7m)	12ft (3.6m)
60W / 2.5A	264ft (80.4m)	166ft (50.6m)	104ft (31.7m)	65ft (19.8m)	41ft (12.5m)	26ft (7.9m)	16ft (4.8m)	10ft (3.0m)
70W / 2.9A	226ft (68.8m)	142ft (43.2m)	89ft (27.1m)	56ft (17.0m)	35ft (10.6m)	22ft (6.7m)	14ft (4.2m)	8ft (2.4m)
80W / 3.3A	198ft (60.3m)	124ft (37.8m)	78ft (23.7m)	49ft (14.9m)	31ft (9.4m)	19ft (5.7m)	12ft (3.6m)	7ft (2.1m)
90W / 3.8A	176ft (53.6m)	111ft (33.8m)	69ft (21.0m)	43ft (13.1m)	27ft (8.2m)	17ft (5.1m)	10ft (3.0m)	6ft (1.8m)
100W / 4.2A	158ft (48.1m)	99ft (30.1m)	62ft (18.9m)	39ft (11.8m)	24ft (7.3m)	15ft (4.5m)	9ft (2.7m)	6ft (1.8m)
110W / 4.6A	144ft (43.8m)	90ft (27.4m)	57ft (17.3m)	35ft (10.6m)	22ft (6.7m)	14ft (4.2m)	9ft (2.7m)	5ft (1.5m)
120W / 5.0A	132ft (40.2m)	83ft (25.3m)	52ft (15.8m)	32ft (9.7m)	20ft (6.1m)	13ft (3.9m)	8ft (2.4m)	5ft (1.5m)
130W / 5.4A	122ft (37.1m)	76ft (23.1m)	48ft (14.6m)	30ft (9.1m)	19ft (5.7m)	12ft (3.6m)	7ft (2.1m)	4ft (1.2m)
140W / 5.8A	113ft (34.4m)	71ft (21.6m)	44ft (13.4m)	28ft (8.5m)	17ft (5.1m)	11ft (3.3m)	7ft (2.1m)	4ft (1.2m)
150W / 6.3A	105ft (32.0m)	66ft (20.1m)	41ft (12.5m)	26ft (7.9m)	16ft (4.8m)	10ft (3.0m)	6ft (1.8m)	4ft (1.2m)
160W / 6.7A	99ft (30.1m)	62ft (18.9m)	39ft (11.8m)	24ft (7.3m)	15ft (4.5m)	9ft (2.7m)	6ft (1.8m)	3ft (0.9m)
170W / 7.1A	93ft (28.3m)	58ft (17.6m)	36ft (10.9m)	23ft (7.0m)	14ft (4.2m)	9ft (2.7m)	5ft (1.5m)	3ft (0.9m)
180W / 7.5A	88ft (26.8m)	55ft (16.7m)	34ft (10.3m)	22ft (6.7m)	13ft (3.9m)	8ft (2.4m)	5ft (1.5m)	3ft (0.9m)
190W / 7.9A	83ft (25.3m)	52ft (15.8m)	33ft (10.0m)	20ft (6.0m)	13ft (3.9m)	8ft (2.4m)	5ft (1.5m)	3ft (0.9m)
200W / 8.3A	79ft (24.0m)	49ft (14.9m)	31ft (9.4m)	19ft (5.7m)	12ft (3.6m)	7ft (2.1m)	4ft (1.2m)	3ft (0.9m)
210W / 8.8A	75ft (22.8m)	47ft (14.3m)	29ft (8.8m)	18ft (5.4m)	11ft (3.3m)	7ft (2.1m)	4ft (1.2m)	2ft (0.6m)
220W / 9.2A	72ft (21.9m)	45ft (13.7m)	28ft (8.5m)	18ft (5.4m)	11ft (3.3m)	7ft (2.1m)	4ft (1.2m)	2ft (0.6m)
230W / 9.6A	69ft (21.0m)	43ft (13.1m)	27ft (8.2m)	17ft (5.1m)	10ft (3.0m)	6ft (1.8m)	4ft (1.2m)	2ft (0.6m)
240W / 10.0A	66ft (20.1m)	41ft (12.5m)	26ft (7.9m)	16ft (4.8m)	10ft (3.0m)	6ft (1.8m)	4ft (1.2m)	2ft (0.6m)
250W / 10.4A	63ft (19.2m)	40ft (12.1m)	25ft (7.6m)	15ft (4.5m)	9ft (2.7m)	6ft (1.8m)	3ft (0.9m)	2ft (0.6m)