

Beamever

LINIO NEON 360° RGBW

Designer's Custom Playground

All-direction Bending · RGBW

Features

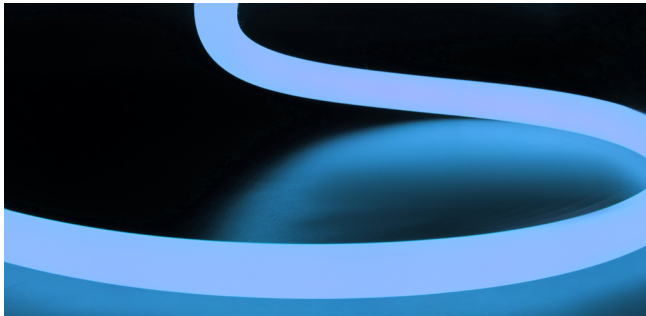
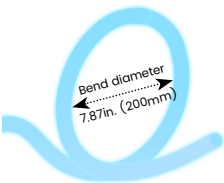
- 360 degree emitting, with changeable RGBW colors
- IP67 rated, ideal for outdoor uses
- 5 years warranty

Applications

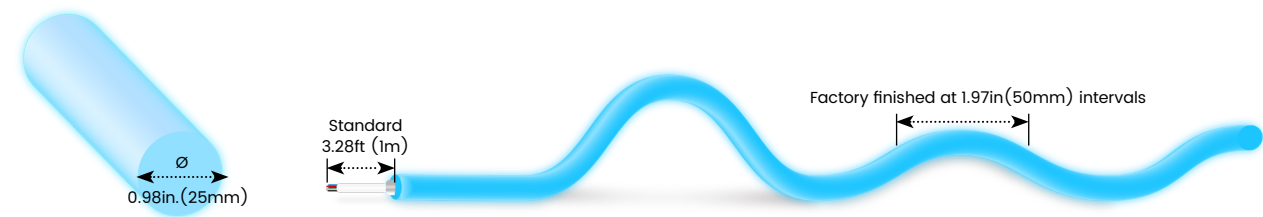
Libraries, coffee shops, offices, lobbies, malls, studios, etc.

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	RGBW22K-RGBW2200K RGBW27K-RGBW2700K RGBW30K-RGBW3000K RGBW35K-RGBW3500K RGBW40K-RGBW4000K RGBW45K-RGBW4500K	4.9-4.88W/ft	FT Flush Translucent	F Front S Side C Closed	OW Open wire 3.28ft (1m) MC Male connector with 11.81in. (300mm) cable 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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All-direction Bending · RGBW

Lumen Output (lm/ft)

CCT	4.88W/ft
R	24
G	69
B	15
W22K	71
W27K	77
W30K	79
W35K	81
W40K	83
W45K	85
RGBW22K	171
RGBW27K	184
RGBW30K	187
RGBW35K	191
RGBW40K	197
RGBW45K	204
Max. Run for Class 2*	16.4ft (5m)
Max. Run Supported Length	16.4ft (5m)

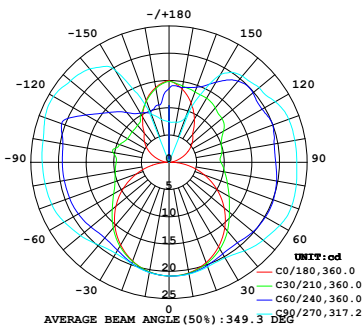
*Typically installations in USA and Canada comply with Class 2 requirements

Technical Details

Efficacy	38lm/W @RGBW30K 4.88W
CRI	Ra≥90
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

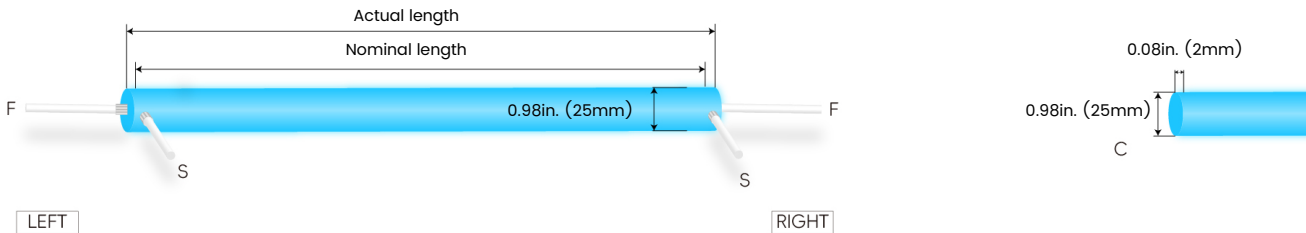
LN360-W7-24V-RGBW30K-4.9-FT-F-OW-F-OW
LINIO NEON 360° RGBW, All-direction Bend, RGBW30K, 4.88W/ft



Zone	Lumen	% Fixture
0-30	16.6	8.8%
0-40	27.9	14.9%
0-60	55.8	29.7%
0-90	101.8	54.2%
0-180	187.8	100.0%

Feed Entry / End Cap Options

FT: Flush Translucent – IP67, factory-made only



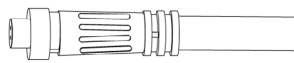
Connector Wire Options



OW: Open wire, **Dry only**
Standard 11.8in. (300mm), 20 AWG,
wire length customizable

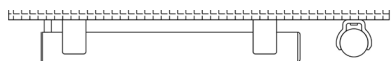


MC: Male connector, **Wet**
Standard 11.8in. (300mm), 20 AWG



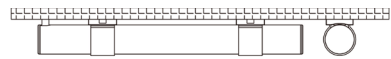
FC: Female connector, **Wet**
Standard 11.8in. (300mm), 20 AWG

Mounting Options



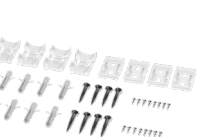
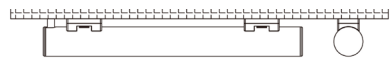
NF360-SFC-O

Name	Surface mount clear bracket-open clip
Material	PC



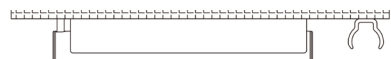
NF360-SFC-C

Name	Surface mount clear bracket-closed clip
Material	PC



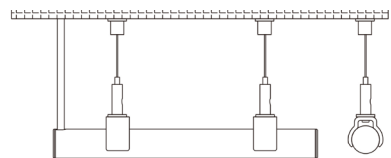
NF360-SFC-L

Name	Surface mount clear bracket-low profile clip
Material	PC



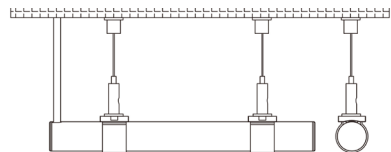
NF360-SFC-PC

Name	Surface mount clear bracket-PC channel
Material	PC



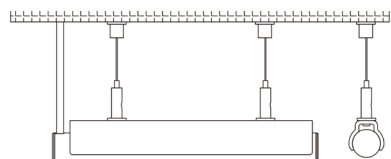
NF360-SPC-O

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



NF360-SPC-C

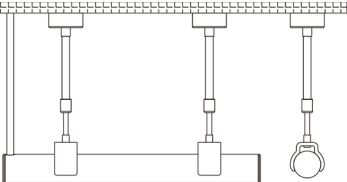
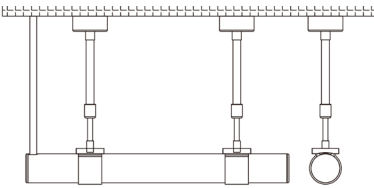
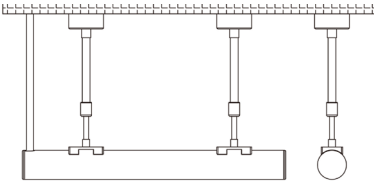
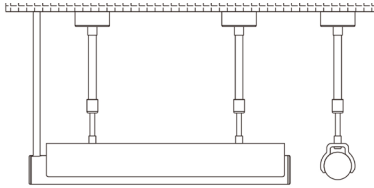
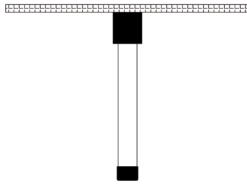
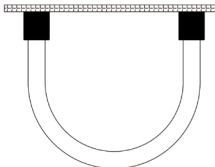
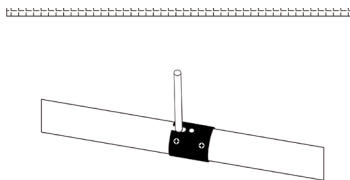
Name	Suspended mount clear bracket-closed clip
Material	Stainless Steel, PC



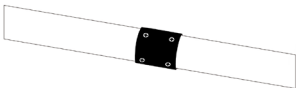
NF360-SPC-PC

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

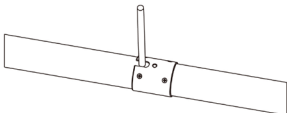
Mounting Options

		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)
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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		
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Material	Aluminum							

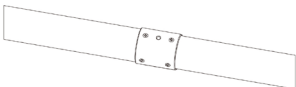
Mounting Options



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-5P-67
Male connector,
11.8lin. (300mm) white cable,
5 pin, IP67, Wet, 20 AWG



FCW-5P-67
Female connector,
11.8lin. (300mm) white cable,
5 pin, IP67, Wet, 20 AWG



MCB-5P-67
Male connector,
11.8lin. (300mm) black cable,
5 pin, IP67, Wet, 20 AWG



FCB-5P-67
Female connector,
11.8lin. (300mm) black cable,
5 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)

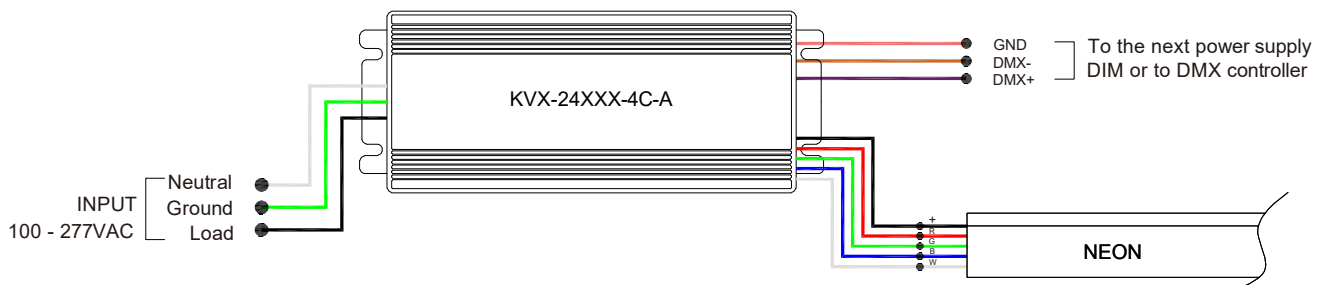
DMX-dimmable

Code	Max Load	Input	Output	Class 2	Environment	Size (L x W x H)
KVX-24100-4C-A	100W	100-277VAC	24V	Yes	Dry/Damp/Wet	9.05 x 3.07 x 0.98 in. (230 x 78 x 25 mm)
KVX-24150-4C-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-24200-4C-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-24300-4C-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-904	4 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-916	16 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-932	32 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)