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

Date

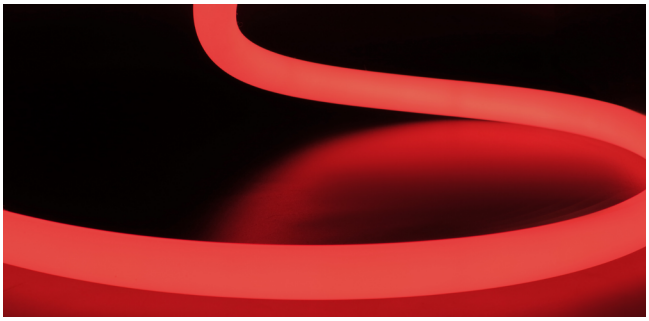
Fixture type

Project name

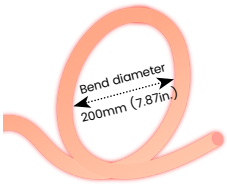
Project phase

Applications

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



Bending Directions & Diameters



Dimensions



Order Code

Model	Environment	Voltage	CCT	Power	End Cap
LN360	**W7**-Wet (IP67)	**24V**-DC24V	**RGB**-RGB	**100**-10W/M	**FT** Flush Translucent

Assembly Builder

Left Feed Entry			
F	Front	**OW**	Open wire 300mm (11.81in.)
S	Side	**MC**	Male connector with 300mm (11.81in.) cable
C	Closed	**FC**	Female connector with 300mm (11.81in.)cable
		NA	Only for Closed Feed Entry

Assembly Builder

Right Feed Entry			
F	Front	**OW**	Open wire 300mm (11.81in.)
S	Side	**MC**	Male connector with 300mm (11.81in.) cable
C	Closed	**FC**	Female connector with 300mm (11.81in.)cable
		NA	Only for Closed Feed Entry

Length	
Max. nominal	5m (16.4ft)
Increment	50mm (1.97in.)

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

Mounting Order Code

Product Code
Please select on the Mounting Options page

LINIO NEON 360° RGB

All-direction Bending · RGB

Lumen Output (lm/m)

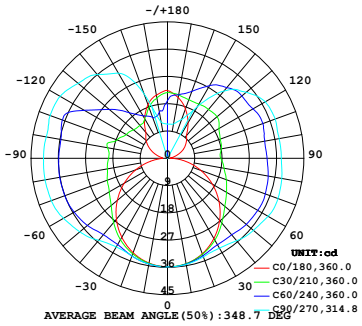
CCT	10W/M
R	70
G	200
B	45
RGB	315
Max. Run Length	5m

Techinical Details

Efficacy	32lm/W @RGB 10W
Beam Angle	360°
Average Life (L80B10)	>38,000 hours
Storage Temperature	-40°C~ 60°C
Operating Temperature	-40°C~ 45°C

Photometry

LN360-W7-24V-RGB-100-FT-F-OW-F-OW
LINIO NEON 360° RGB, All-direction Bend, RGB, 10W/M

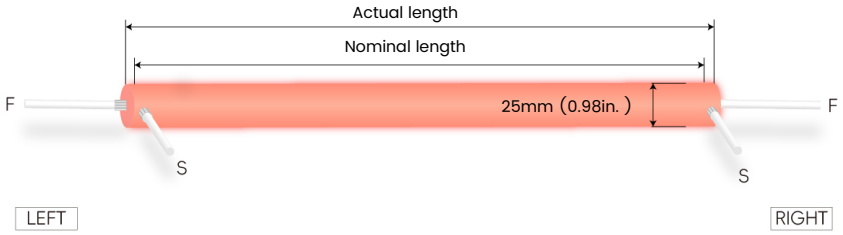


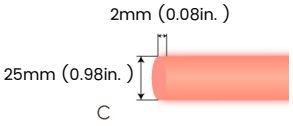
Zonal Lumen Summary

Zone	Lumen	% Fixture
0-30	28.4	9.0%
0-40	47.9	15.2%
0-60	96.1	30.5%
0-90	175.4	55.6%
0-180	315.3	100.0%

Feed Entry / End Cap Options

FT: Flush Translucent – IP67, factory-made only

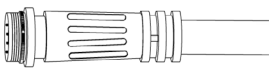




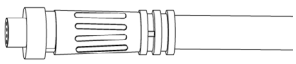
Connector Wire Options



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



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

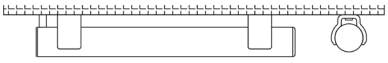


FC: Female connector, **Wet**
Standard 300mm (11.81in.), 20 AWG

LINIO NEON 360° RGB

All-direction Bending · RGB

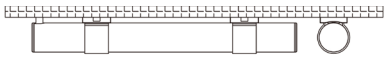
Mounting Options





NF360-SFC-O

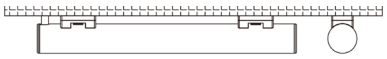
Name	Surface mount clear bracket-open clip
Material	PC





NF360-SFC-C

Name	Surface mount clear bracket-closed clip
Material	PC





NF360-SFC-L

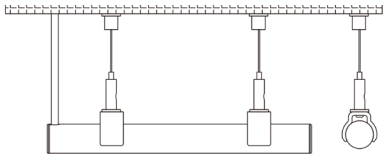
Name	Surface mount clear bracket-low profile clip
Material	PC





NF360-SFC-PC

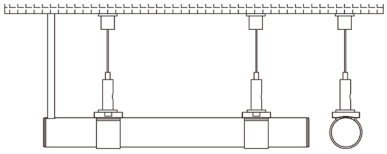
Name	Surface mount clear bracket-PC channel
Material	PC





NF360-SPC-O

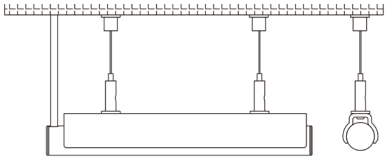
Name	Suspended mount clear bracket-open clip
Material	Stainless Steel, PC





NF360-SPC-C

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

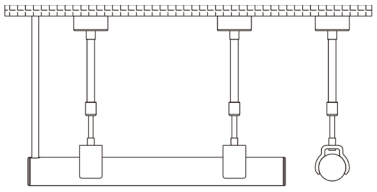




NF360-SPC-PC

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

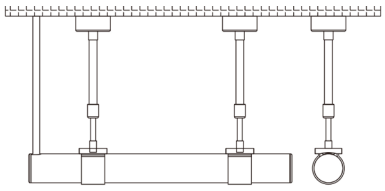
Mounting Options





NF360-TLC-O

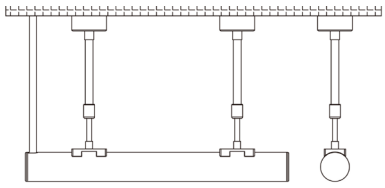
Name	Telescoping white bracket-open clip
Material	PC
Adjustable Length	500-1000mm(19.69-39.37in.)





NF360-TLC-C

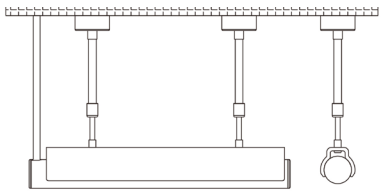
Name	Telescoping white bracket-closed clip
Material	PC
Adjustable Length	500-1000mm(19.69-39.37in.)





NF360-TLC-L

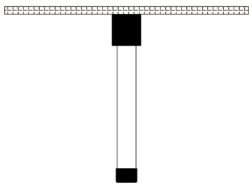
Name	Telescoping white bracket-low profile clip
Material	PC
Adjustable Length	500-1000mm(19.69-39.37in.)





NF360-TLC-PC

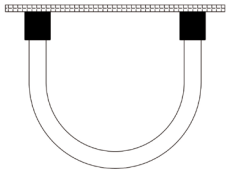
Name	Telescoping white bracket-PC channel
Material	PC
Adjustable Length	500-1000mm(19.69-39.37in.)





NF360-VB

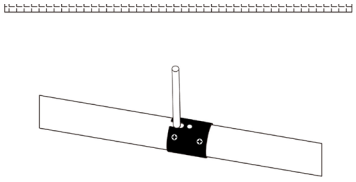
Name	Vertical metal flush surface mount bracket-black
Material	Aluminum





NF360-UB

Name	U-shaped metal flush mount bracket-black
Material	Aluminum





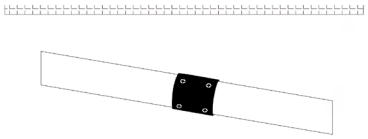
NF360-JNB-S

Name	Metal joiner bracket-black (side cable entry only)
Material	Aluminum

LINIO NEON 360° RGB

All-direction Bending · RGB

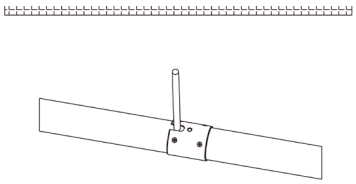
Mounting Options





NF360-JNB-C

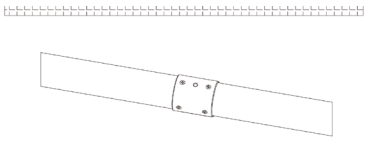
Name	Metal joiner bracket-black (closed end cap)
Material	Aluminum





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,
300mm (11.81in.)white cable,
4 pin, IP67, Wet, 20 AWG



FCW-4P-67
Female connector,
300mm (11.81in.) white cable,
4 pin, IP67, Wet, 20 AWG



MCB-4P-67
Male connector,
300mm (11.81in.) black cable,
4 pin, IP67, Wet, 20 AWG



FCB-4P-67
Female connector,
300mm (11.81in.) black cable,
4 pin, IP67, Wet, 20 AWG

LINIO NEON 360° RGB

All-direction Bending · RGB

Drivers

Non-dimmable

Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24A-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm
LRS-150-24	150W	85-132VAC / 170-264VAC	24V	Dry	159 * 97 * 30 mm

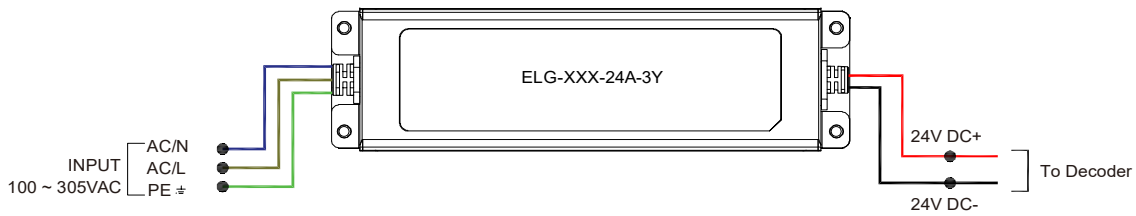
DALI-dimmable

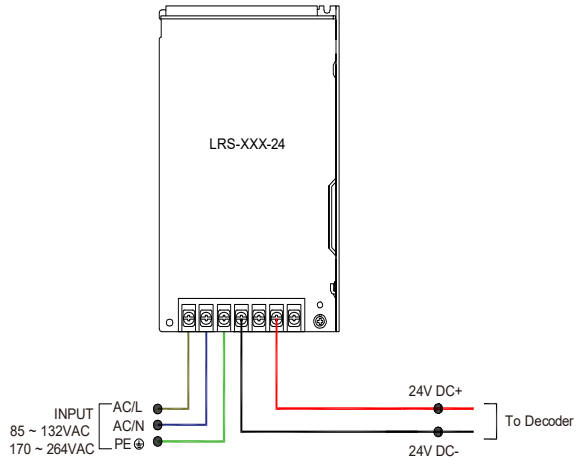
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24DA-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

DMX-Decoders & Controllers Options

Type	Code	Description	Environment	Size (L x W x H)
DMX Decoders	D3-F	3 channels output, Max. 6A current per channel, up to 432W output power	Indoor	175 * 42 * 33 mm
Controllers	EX4S	512 DMX channels	Indoor	86 * 86 * 36 mm
Power Repeaters	LT-3030-6A	3 channels output, Max. 6A current per channel, up to 432W output power	Indoor	175 * 44 * 30 mm
Signal Amplifier	LT-123	DMX(485) signal amplifier, 1 input / 3 outputs	Indoor	192 * 80 * 41 mm

Wiring Diagram





LINIO NEON 360° RGB

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	484.0m	304.5m	191.4m	120.4m	75.5m	47.5m	29.8m	18.5m
20W / 0.8A	242.0m	152.1m	95.7m	60.0m	37.8m	23.7m	14.9m	9.1m
30W / 1.3A	161.2m	101.5m	63.7m	39.9m	24.9m	15.8m	9.7m	6.1m
40W / 1.7A	121.0m	75.9m	47.8m	29.8m	18.9m	11.8m	7.3m	4.5m
50W / 2.1A	96.6m	60.6m	38.1m	24.0m	14.9m	9.4m	5.7m	3.6m
60W / 2.5A	80.4m	50.6m	31.7m	19.8m	12.5m	7.9m	4.8m	3.0m
70W / 2.9A	68.8m	43.2m	27.1m	17.0m	10.6m	6.7m	4.2m	2.4m
80W / 3.3A	60.3m	37.8m	23.7m	14.9m	9.4m	5.7m	3.6m	2.1m
90W / 3.8A	53.6m	33.8m	21.0m	13.1m	8.2m	5.1m	3.0m	1.8m
100W / 4.2A	48.1m	30.1m	18.9m	11.8m	7.3m	4.5m	2.7m	1.8m
110W / 4.6A	43.8m	27.4m	17.3m	10.6m	6.7m	4.2m	2.7m	1.5m
120W / 5.0A	40.2m	25.3m	15.8m	9.7m	6.1m	3.9m	2.4m	1.5m
130W / 5.4A	37.1m	23.1m	14.6m	9.1m	5.7m	3.6m	2.1m	1.2m
140W / 5.8A	34.4m	21.6m	13.4m	8.5m	5.1m	3.3m	2.1m	1.2m
150W / 6.3A	32.0m	20.1m	12.5m	7.9m	4.8m	3.0m	1.8m	1.2m
160W / 6.7A	30.1m	18.9m	11.8m	7.3m	4.5m	2.7m	1.8m	0.9m
170W / 7.1A	28.3m	17.6m	10.9m	7.0m	4.2m	2.7m	1.5m	0.9m
180W / 7.5A	26.8m	16.7m	10.3m	6.7m	3.9m	2.4m	1.5m	0.9m
190W / 7.9A	25.3m	15.8m	10.0m	6.0m	3.9m	2.4m	1.5m	0.9m
200W / 8.3A	24.0m	14.9m	9.4m	5.7m	3.6m	2.1m	1.2m	0.9m
210W / 8.8A	22.8m	14.3m	8.8m	5.4m	3.3m	2.1m	1.2m	0.6m
220W / 9.2A	21.9m	13.7m	8.5m	5.4m	3.3m	2.1m	1.2m	0.6m
230W / 9.6A	21.0m	13.1m	8.2m	5.1m	3.0m	1.8m	1.2m	0.6m
240W / 10.0A	20.1m	12.5m	7.9m	4.8m	3.0m	1.8m	1.2m	0.6m
250W / 10.4A	19.2m	12.1m	7.6m	4.5m	2.7m	1.8m	0.9m	0.6m