Beamever

LINIO NEON 360° TW

Designer's Custom Playground

All-direction Bending · Tunable White

Features

- 360 degree emitting, tunable white from 2700K to 5000K
- IP67 rated, ideal for outdoor uses
- 5 years warranty

Date

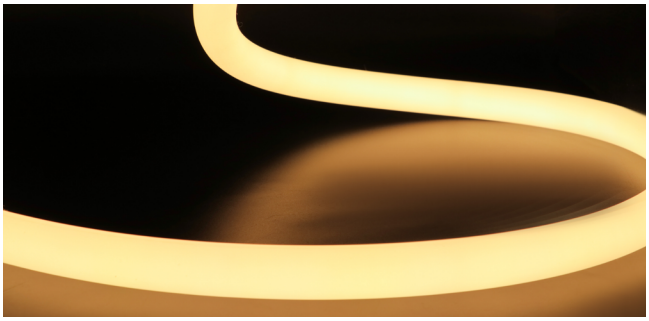
Fixture type

Project name

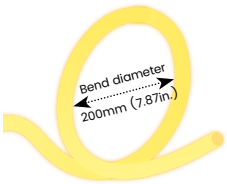
Project phase

Applications

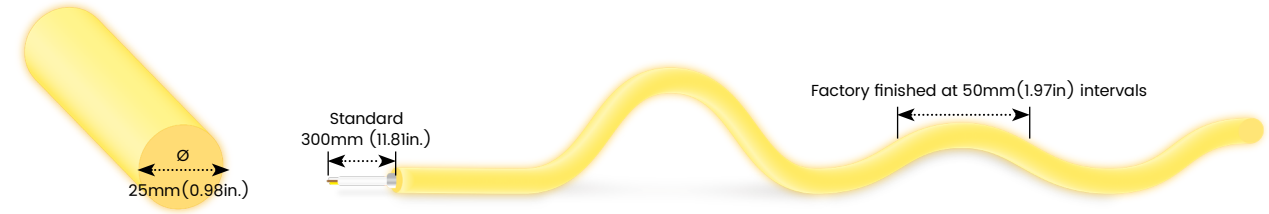
Libraries, coffee shops, offices, lobbies, malls, studios, etc.



Bending Directions & Diameters



Dimensions



Order Code

Model	Environment	Voltage	CCT	Power	End Cap
LN360	**W7**-Wet (IP67)	**24V**-DC24V	**27K50K**-2700K+5000K	**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.)

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.

LINIO NEON 360° TW

All-direction Bending · Tunable White

Lumen Output (lm/m)

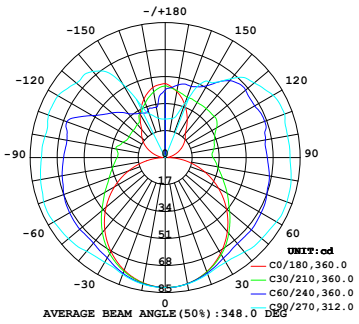
CCT	10W/M
2700K	320
5000K	340
2700K+5000K	660
Max. Run Length	5m

Techinical Details

Efficacy	66lm/W @2700K+5000k 10W
CRI	Ra≥90
Beam Angle	360°
LED MacAdam	3 steps
Average Life (L80B10)	>43,000 hours
Storage Temperature	-40°C~ 60°C
Operating Temperature	-40°C~ 45°C

Photometry

LN360-W7-24V-27K50K-100-FT-F-OW-F-OW
LINIO NEON 360° TW, All-direction Bend, 2700K+5000K, 10W/M

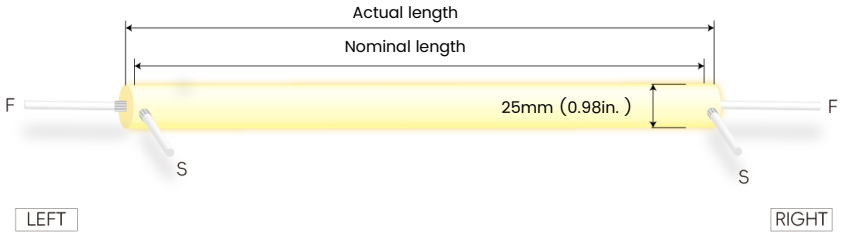


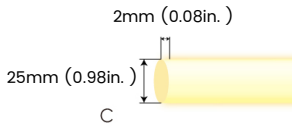
Zonal Lumen Summary

Zone	Lumen	% Fixture
0-30	64.6	9.8%
0-40	108.3	16.4%
0-60	213.1	32.3%
0-90	376.5	57.1%
0-180	659.4	100.0%

Feed Entry / End Cap Options

FT: Flush Translucent – IP67, factory-made only

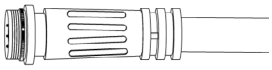




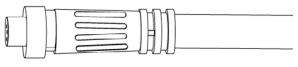
Connector Wire Options



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

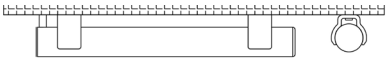


MC: Male connector, **Wet**
Standard 300mm (11.81in.), 20 AWG



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

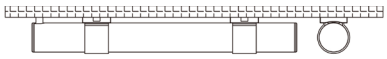
Mounting Options





NF360-SFC-O

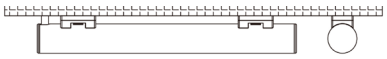
Name	Surface mount clear bracket-open clip
Material	PC





NF360-SFC-C

Name	Surface mount clear bracket-closed clip
Material	PC





NF360-SFC-L

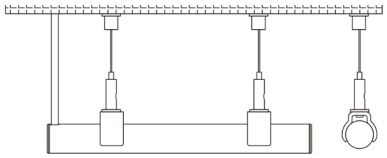
Name	Surface mount clear bracket-low profile clip
Material	PC





NF360-SFC-PC

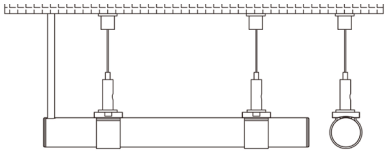
Name	Surface mount clear bracket-PC channel
Material	PC





NF360-SPC-O

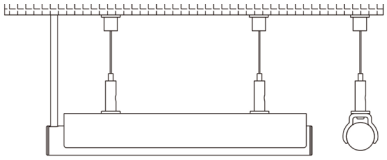
Name	Suspended mount clear bracket-open clip
Material	Stainless Steel, PC





NF360-SPC-C

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

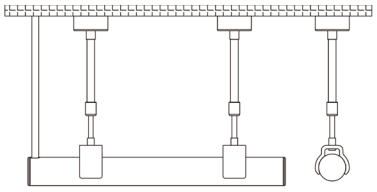




NF360-SPC-PC

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

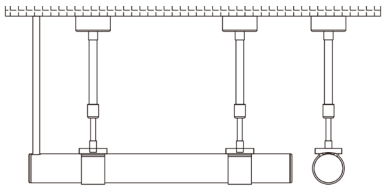
Mounting Options





NF360-TLC-O

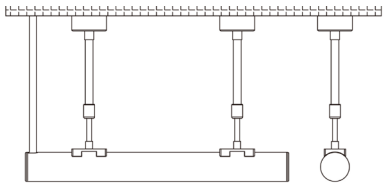
Name	Telescoping white bracket-open clip
Material	PC
Adjustable Length	500-1000mm(19.69-39.37in.)





NF360-TLC-C

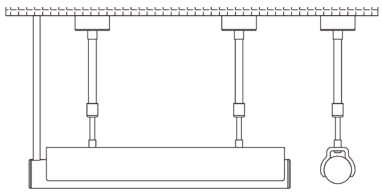
Name	Telescoping white bracket-closed clip
Material	PC
Adjustable Length	500-1000mm(19.69-39.37in.)





NF360-TLC-L

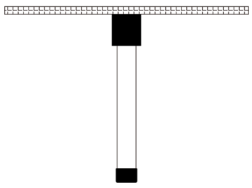
Name	Telescoping white bracket-low profile clip
Material	PC
Adjustable Length	500-1000mm(19.69-39.37in.)





NF360-TLC-PC

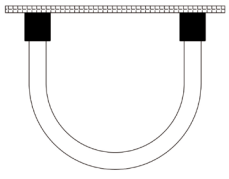
Name	Telescoping white bracket-PC channel
Material	PC
Adjustable Length	500-1000mm(19.69-39.37in.)





NF360-VB

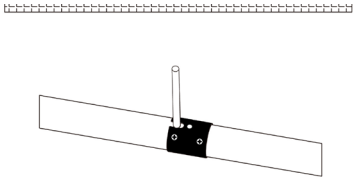
Name	Vertical metal flush surface mount bracket-black
Material	Aluminum





NF360-UB

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

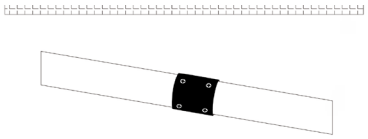




NF360-JNB-S

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

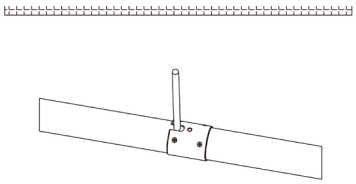
Mounting Options





NF360-JNB-C

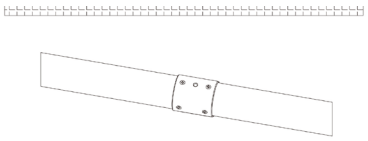
Name	Metal joiner bracket-black (closed end cap)
Material	Aluminum





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-3P-67
Male connector,
300mm (11.81in.)white cable,
3 pin, IP67, Wet, 20 AWG



FCW-3P-67
Female connector,
300mm (11.81in.) white cable,
3 pin, IP67, Wet, 20 AWG



MCB-3P-67
Male connector,
300mm (11.81in.) black cable,
3 pin, IP67, Wet, 20 AWG



FCB-3P-67
Female connector,
300mm (11.81in.) black cable,
3 pin, IP67, Wet, 20 AWG

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

0-10V Dimmable

Code	Max Load	Input	Output	Environment	Size (L x W x H)
LM-100-24-G2A2	100W	220-240VAC	24V	Dry	293 *43 *30mm

DALI-dimmable

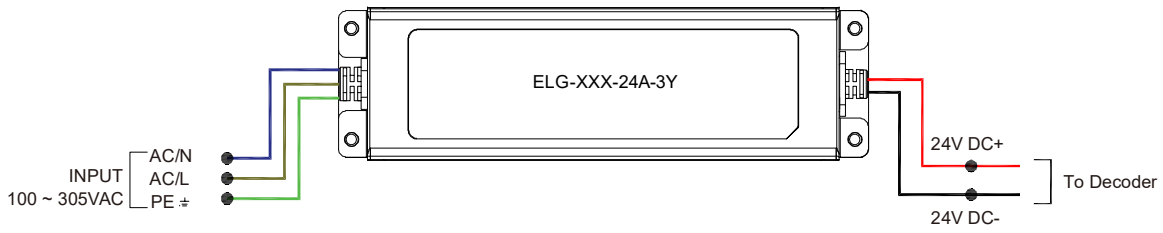
Code	Max Load	Input	Output	Environment	Size (L x W x H)
LM-100-24-G2D2	100w	220-240VAC	24V	Dry	293 *43 *30mm

Controller Options

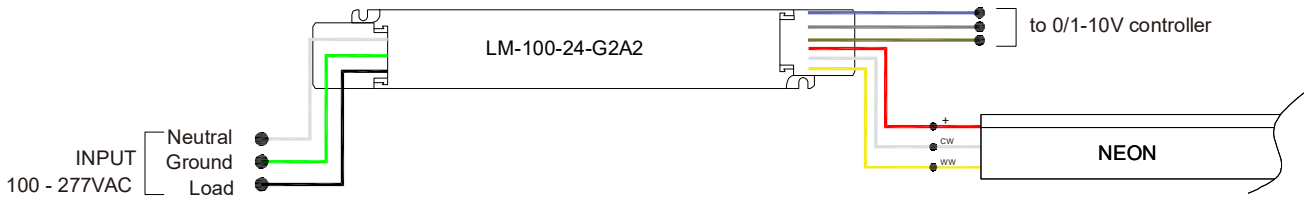
Type	Code	Description	Environment	Size (L x W x H)
Controllers	M2+M3-3A	3 channels output, Max. 3A current per channel, up to 216W output power	Indoor	135 * 30 * 20 mm

Wiring Diagram

Non-dimmable



0-10V Dimmable



DALI-dimmable



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