

LINIO NEON 360° TW

All-direction Bending · Tunable White

Features

- 360 degree emitting, tunable white from 2700K to 5000K
- IP65 rated, ideal for damp location and sheltered exterior
- 5 years warranty

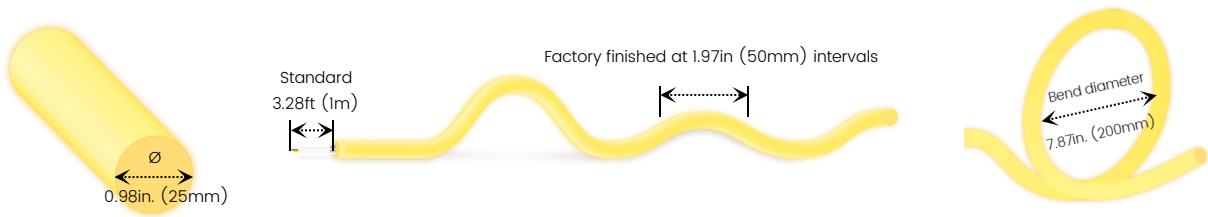
Applications

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

Date	Fixture type
Project name	Project phase



Dimensions



Order Code

Model	Environment	Voltage	Temp./Color	Power	End Cap	Left Feed Entry	
LN360	W5-Wet (IP65)	24-DC24V	2750-2700K+ 5000K	305-3.05W/ft	IJ Injected (IP65)	F Front	OW Open wire 3.28ft (1m)
						S Side	MC Male connector with 0.98ft (30cm) cable
						C Closed	FC Female connector with 0.98ft (30cm) cable
							NA Only for Closed Feed Entry

*Injected end cap is factory-made only.

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 0.98ft (30cm) cable	Increment	1.97in. (50mm)
C Closed	FC	Female connector with 0.98ft (30cm) cable	*Custom length production, cutting not recommended.	
	NA	Only for Closed Feed Entry		

*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.

Lumen Output (lm/ft)

Temp./Color	3.05W/ft
2700K	33
5000K	56
2700K+5000K	99
Max. Run for Class 2	16.4ft (5m)

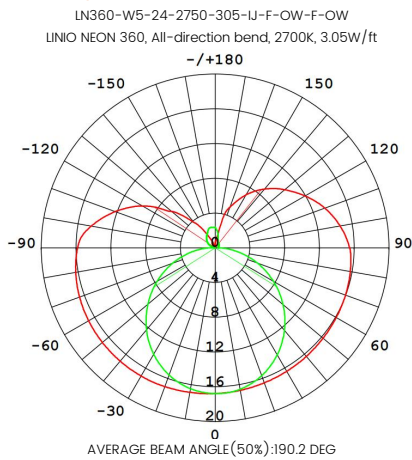
Technical Details

Efficacy	32.5lm/W @2700K+5000K 3.05W
CRI	Ra≥90
Beam Angle	360°
LED MacAdam	3 steps
Average Life (L70)	> 43,000 hours
Storage Temperature	-40-140°F (-40°C- 60°C)
Operating Temperature	-40-113°F (-40°C- 45°C)

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Photometry



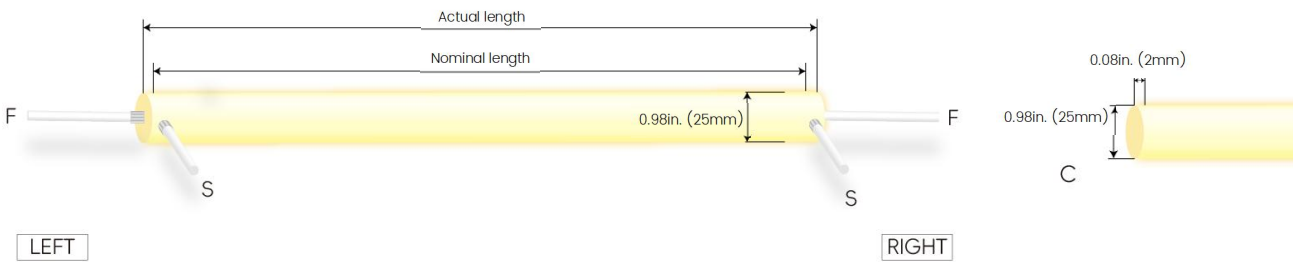
Zonal Lumen Summary 2700K

Zone	Lumen	% Fixture
0-30	13.5	12.4%
0-40	22.8	21%
0-60	44.6	41%
0-90	76.3	70%
0-180	109	100%

UNIT: CD
— C0/180, 265.5
— C90/270, 114.8

Feed Entry / End Cap Options

IJ: Injected end cap – IP65, factory-made only



Connector Wire Options



OW: Open wire, **Dry only**
Standard 3.28ft (1m), 20 AWG (wire length customizable)

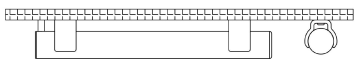


MC: Male connector, **Wet**
Standard 0.98ft (30cm), 20 AWG



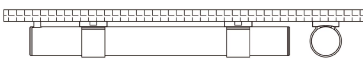
FC: Female connector, **Wet**
Standard 0.98ft (30cm), 20 AWG

Mounting Options



LN360-SFC-O

Name Surface mount clear bracket-open clip



LN360-SFC-C

Name Surface mount clear bracket-closed clip



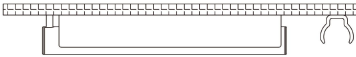
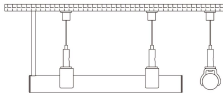
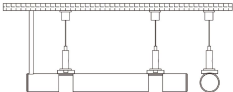
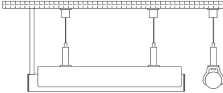
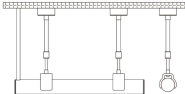
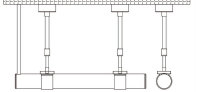
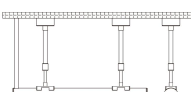
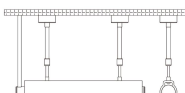
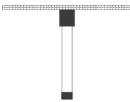
LN360-SFC-L

Name Surface mount clear bracket-low profile clip

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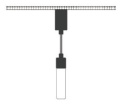
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Mounting Options

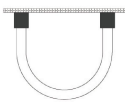
		LN360-SFC-PC NameSurface mount clear bracket-PC channel
		LN360-SPC-O NameSuspended mount clear bracket-open clip
		LN360-SPC-C NameSuspended mount clear bracket-closed clip
		LN360-SPC-PC NameSuspended mount clear bracket-PC channel
		LN360-TLC-O NameTelescoping clear bracket-open clip (Adjustable Length: 20-39in.)
		LN360-TLC-C NameTelescoping clear bracket-closed clip (Adjustable Length: 20-39in.)
		LN360-TLC-L NameTelescoping clear bracket-low profile clip (Adjustable Length: 20-39in.)
		LN360-TLC-PC NameTelescoping clear bracket-PC channel (Adjustable Length: 20-39in.)
		LN360-VB NameVertical metal flush surface mount bracket-black

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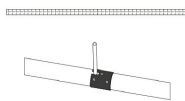
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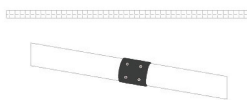
LN360-VSB
Name Vertical pendant suspended mount bracket-black



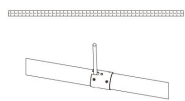
LN360-UB
Name U-shaped metal flush mount bracket-black



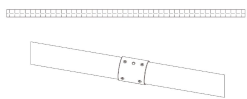
LN360-JNB-S
Name Metal joiner bracket-black (side cable entry only)



LN360-JNB-C
Name Metal joiner bracket-black (closed end cap)



LN360-JNC-S
Name Joiner bracket-clear (side cable entry only)



LN360-JNC-C
Name Joiner bracket-clear (closed end cap)

Additional Accessories (Optional, purchase for extra)



MCW-3P-67
Male connector with 0.98ft (30cm)
white cable, 3 pin, IP67, Wet, 20 AWG



FCW-3P-67
Female connector with 0.98ft (30cm)
white cable, 3 pin, IP67, Wet, 20 AWG



MCB-3P-67
Male connector with 0.98ft (30cm)
black cable, 3 pin, IP67, Wet, 20 AWG



FCB-3P-67
Female connector with 0.98ft (30cm)
black cable, 3 pin, IP67, Wet, 20 AWG

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Drivers

0-10V dimmable

Code	Max Load	Input	Output	Class 2	With Junction Box	Environment	Size (L x W x H)
LM-100-24-U2A2	100W	100-277VAC	24V	Yes	No	Dry	13.86 x 1.69 x 1.18in. (35.2x 4.3 x 3cm)

Wiring Diagram



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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	10 AWG	12 AWG	14 AWG	16 AWG	18 AWG	20 AWG	22 AWG
5W / 0.2A	1730 ft (527.3 m)	784 ft (238.9 m)	397 ft (121.0 m)	263 ft (80.2 m)	175 ft (53.3 m)	131 ft (39.9 m)	107 ft (32.6 m)
10W / 0.4A	865 ft (263.6 m)	392 ft (119.4 m)	199 ft (60.7 m)	132 ft (40.2 m)	88 ft (26.8 m)	66 ft (20.1 m)	54 ft (16.5 m)
15W / 0.6A	577 ft (175.9 m)	261 ft (79.6 m)	132 ft (40.2 m)	88 ft (26.8 m)	58 ft (17.7 m)	44 ft (13.4 m)	36 ft (11.0 m)
20W / 0.8A	433 ft (132.0 m)	196 ft (59.7 m)	99 ft (30.2 m)	66 ft (20.1 m)	44 ft (13.4 m)	33 ft (10.1 m)	27 ft (8.2 m)
25W / 1.0A	346 ft (105.5 m)	157 ft (47.9 m)	79 ft (24.1 m)	53 ft (16.2 m)	35 ft (10.7 m)	26 ft (7.9 m)	22 ft (6.7 m)
30W / 1.3A	289 ft (88.1 m)	131 ft (39.9 m)	66 ft (20.1 m)	44 ft (13.4 m)	29 ft (8.8 m)	22 ft (6.7 m)	18 ft (5.5 m)
35W / 1.5A	248 ft (75.6 m)	112 ft (34.1 m)	57 ft (17.4 m)	38 ft (11.6 m)	25 ft (7.6 m)	19 ft (5.8 m)	15 ft (4.6 m)
40W / 1.7A	217 ft (66.1 m)	98 ft (29.9 m)	50 ft (15.2 m)	33 ft (10.1 m)	22 ft (6.7 m)	16 ft (4.9 m)	13 ft (4.0 m)
45W / 1.9A	192 ft (58.5 m)	87 ft (26.5 m)	44 ft (13.4 m)	29 ft (8.8 m)	19 ft (5.8 m)	14 ft (4.3 m)	12 ft (3.7 m)
50W / 2.1A	173 ft (52.7 m)	78 ft (23.8 m)	40 ft (12.2 m)	26 ft (7.9 m)	18 ft (5.5 m)	13 ft (4.0 m)	11 ft (3.4 m)
55W / 2.3A	157 ft (47.9 m)	71 ft (21.6 m)	36 ft (11.0 m)	24 ft (7.3 m)	16 ft (4.9 m)	12 ft (3.7 m)	10 ft (3.0 m)
60W / 2.5A	144 ft (43.9 m)	65 ft (19.8 m)	33 ft (10.1 m)	22 ft (6.7 m)	15 ft (4.6 m)	11 ft (3.4 m)	9 ft (2.7 m)
65W / 2.7A	133 ft (40.5 m)	60 ft (18.3 m)	30 ft (9.1 m)	20 ft (6.1 m)	14 ft (4.3 m)	10 ft (3.0 m)	8 ft (2.4 m)
70W / 2.9A	124 ft (37.8 m)	56 ft (17.1 m)	28 ft (8.5 m)	19 ft (5.8 m)	13 ft (4.0 m)	10 ft (3.0 m)	8 ft (2.4 m)
75W / 3.1A	116 ft (35.4 m)	52 ft (15.9 m)	26 ft (7.9 m)	17 ft (5.2 m)	12 ft (3.7 m)	9 ft (2.7 m)	7 ft (2.1 m)
80W / 3.3A	109 ft (33.2 m)	49 ft (14.9 m)	25 ft (7.6 m)	16 ft (4.9 m)	11 ft (3.4 m)	8 ft (2.4 m)	7 ft (2.1 m)
85W / 3.5A	103 ft (31.4 m)	46 ft (14.0 m)	23 ft (7.0 m)	15 ft (4.6 m)	10 ft (3.0 m)	8 ft (2.4 m)	6 ft (1.8 m)
90W / 3.8A	97 ft (29.6 m)	44 ft (13.4 m)	22 ft (6.7 m)	15 ft (4.6 m)	10 ft (3.0 m)	7 ft (2.1 m)	6 ft (1.8 m)
96W / 4.0A	91 ft (27.7 m)	41 ft (12.5 m)	21 ft (6.4 m)	14 ft (4.3 m)	9 ft (2.7 m)	7 ft (2.1 m)	6 ft (1.8 m)