

LINIO NEON 360° RGB

All-direction Bending · RGB

Features

- 360 degree emitting, with changeable RGB colors
- IP65 rated, ideal for damp location and sheltered exterior
- 5 years warranty

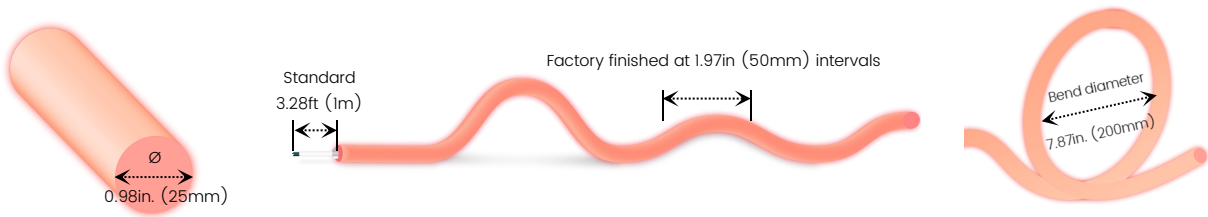
Applications

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 | RGB-RGB     | 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

| 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    |
|----------------------|-------------|
| R                    | 9           |
| G                    | 42          |
| B                    | 6           |
| RGB                  | 45          |
| Max. Run for Class 2 | 16.4ft (5m) |

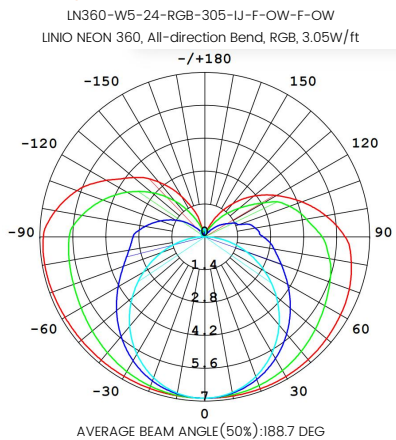
Technical Details

|                       |                         |
|-----------------------|-------------------------|
| Efficacy              | 13.7lm/W @RGB 3.05W     |
| CRI                   | Ra≥90                   |
| Beam Angle            | 360°                    |
| LED MacAdam           | 3 steps                 |
| Average Life(L70)     | > 38,000 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 RGB

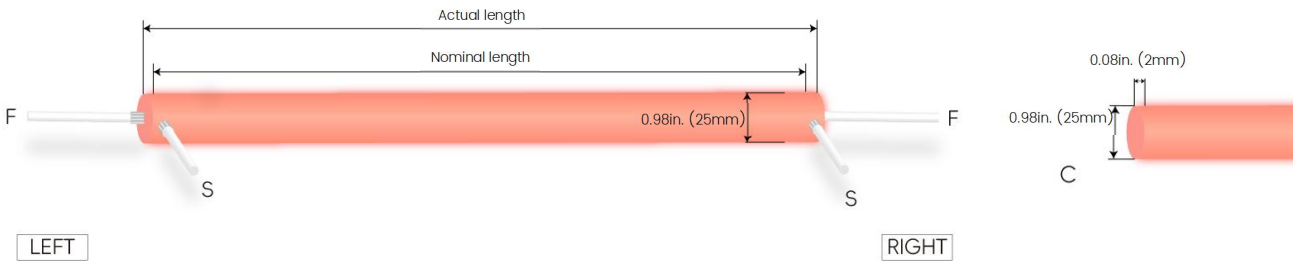
| Zone  | Lumen | % Fixture |
|-------|-------|-----------|
| 0-30  | 5.5   | 12.1%     |
| 0-40  | 9.3   | 20.4%     |
| 0-60  | 18.5  | 40.2%     |
| 0-90  | 32.2  | 70.1%     |
| 0-180 | 46    | 100%      |

UNIT: CD

- C0/180, 257.3
- C30/210, 240.2
- C60/240, 146.0
- C90/270, 111.1

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



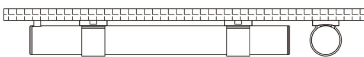
**FC:** Female connector, **Wet**  
Standard 0.98ft (30cm), 20 AWG

Mounting Options



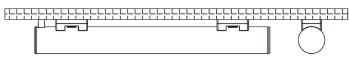
**LN360-SFC-O**

Name Surface mount clear bracket-open clip



**LN360-SFC-C**

Name Surface mount clear bracket-closed clip

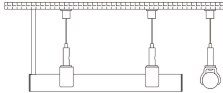
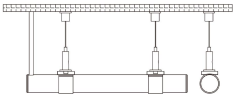
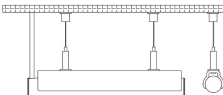
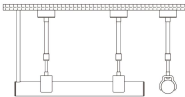
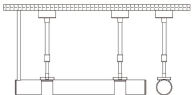
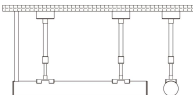
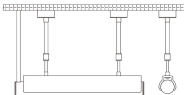
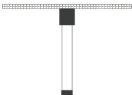


**LN360-SFC-L**

Name Surface mount clear bracket-low profile clip

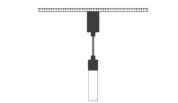
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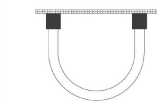
|                                                                                          |                                                                                          |                                                                                                              |
|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|         |         | <div>LN360-SFC-PC</div> <div>NameSurface mount clear bracket-PC channel</div>                                |
|         |         | <div>LN360-SPC-O</div> <div>NameSuspended mount clear bracket-open clip</div>                                |
|         |         | <div>LN360-SPC-C</div> <div>NameSuspended mount clear bracket-closed clip</div>                              |
|         |         | <div>LN360-SPC-PC</div> <div>NameSuspended mount clear bracket-PC channel</div>                              |
|  |  | <div>LN360-TLC-O</div> <div>NameTelescoping clear bracket-open clip (Adjustable Length: 20~39")</div>        |
|  |  | <div>LN360-TLC-C</div> <div>NameTelescoping clear bracket-closed clip (Adjustable Length: 20~39")</div>      |
|  |  | <div>LN360-TLC-L</div> <div>NameTelescoping clear bracket-low profile clip (Adjustable Length: 20~39")</div> |
|  |  | <div>LN360-TLC-PC</div> <div>NameTelescoping clear bracket-PC channel (Adjustable Length: 20~39")</div>      |
|       |       | <div>LN360-VB</div> <div>NameVertical metal flush surface mount bracket-black</div>                          |

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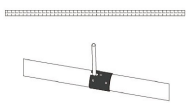
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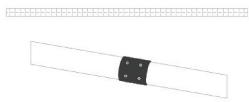
**LN360-VSB**  
Name Vertical pendant suspended mount bracket-black



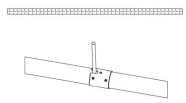
**LN360-UB**  
Name U-shaped metal flush mount bracket-black



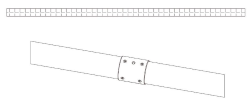
**LN360-JNB-S**  
Name Metal joiner bracket-black (side cable entry only)



**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-4P-67**  
Male connector with 0.98ft (30cm)  
white cable, 4 pin, IP67, Wet, 20 AWG



**FCW-4P-67**  
Female connector with 0.98ft (30cm)  
white cable, 4 pin, IP67, Wet, 20 AWG



**MCB-4P-67**  
Male connector with 0.98ft (30cm)  
black cable, 4 pin, IP67, Wet, 20 AWG



**FCB-4P-67**  
Female connector with 0.98ft (30cm)  
black cable, 4 pin, IP67, Wet, 20 AWG

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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. (15.5 x 5.4 x 2cm) |
| KV-24060-ASW | 60W      |            |        |         |                   |              | 7 x 2.4 x 0.9in. (17.8 x 6.1 x 2.4cm) |
| KV-24096-ASW | 96W      |            |        |         |                   | Dry/Damp/Wet | 9.1 x 2.8 x 1.7in. (23 x 7 x 4.3cm)   |

DMX-dimmable

| Code           | Max Load | Input      | Output | Class 2 | With Junction Box | Environment  | Size (L x W x H)                        |
|----------------|----------|------------|--------|---------|-------------------|--------------|-----------------------------------------|
| KVX-24100-3C-A | 100W     | 100-277VAC | 24V    | Yes     | No                | Dry/Damp/Wet | 9.05 x 3.07 x 0.98in. (230 x 78x 25cm)  |
| KVX-24150-3C-A | 150W     |            |        | No      |                   |              | 10.9* x 3.07 x 0.98in. (277 x 78x 25cm) |
| KVX-24200-3C-A | 200W     |            |        |         |                   |              | 10.9* x 3.07 x 0.98in. (277 x 78x 25cm) |
| KVX-24300-3C-A | 300W     |            |        |         |                   |              | 11.85 x 3.07 x 0.98in. (301 x 78x 25cm) |

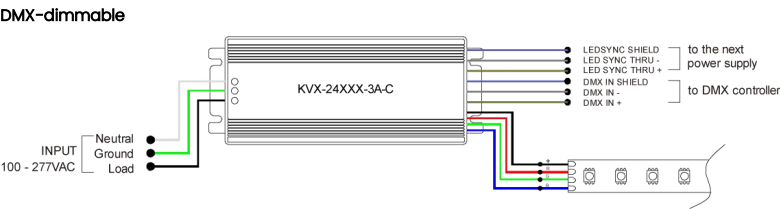
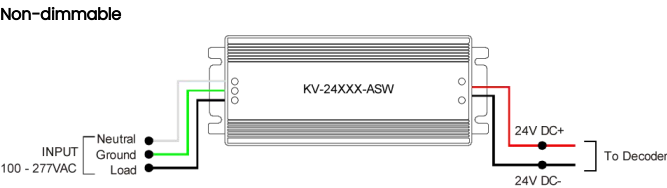
DMX Decoders

| Code   | Description                                  |
|--------|----------------------------------------------|
| LT-903 | 3 channels output, up to 576W output power   |
| LT-912 | 12 channels output, up to 1152W output power |
| LT-924 | 24 channels output, up to 1728W output power |

Controllers

| Code          | Description                                                                                   |
|---------------|-----------------------------------------------------------------------------------------------|
| DINA-DR micro | DMX 60 channels, DMX Stand Alone controller with 10 scenes, USB connectivity for programming  |
| SLESA-U9      | DMX 256 channels, USB connection, standalone mode with 1 area and 20 scenes                   |
| STICK-GA2     | DMX 512 channels, ready to use (pre-loaded with 8 scenes and 170 RGB fixtures)                |
| STICK-CW4     | DMX 1024 channels, up to 36 scenes stored and directly recalled via 6 touch sensitive buttons |

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)    |