

## LINIO NEON 0606X TV Indoor · Vertical Bending · Static White

### Features

- Max run length up to 23ft (7m) from single power feed
- Field cuttable & joinable
- Low voltage DC24V
- 100 lumen outputs
- IP65 rated, ideal for indoor uses
- 5 years warranty

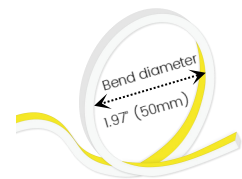
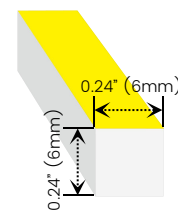
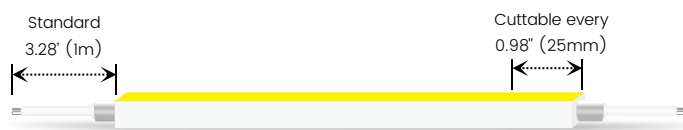


Date \_\_\_\_\_ Fixture type \_\_\_\_\_

Project name \_\_\_\_\_ Project phase \_\_\_\_\_



### Dimension



### Order Code

| Series    | Environment |            | Voltage |       | Temp./Color |       | Power |          |            |
|-----------|-------------|------------|---------|-------|-------------|-------|-------|----------|------------|
| LN0606XTV | W5          | Wet (IP65) | 24      | DC24V | 22          | 2200K | 183   | 1.83W/ft | ~100 lm/ft |
|           |             |            |         |       | 27          | 2700K |       |          |            |
|           |             |            |         |       | 30          | 3000K |       |          |            |
|           |             |            |         |       | 35          | 3500K |       |          |            |
|           |             |            |         |       | 40          | 4000K |       |          |            |
|           |             |            |         |       | 57          | 5700K |       |          |            |

### Assembly Builder

| End Cap <sup>1</sup> |                       | Left Feed Entry <sup>2</sup> |        |    | Right Feed Entry <sup>2</sup>     |   |        | Illuminated Length <sup>3</sup> |                                   |                 |
|----------------------|-----------------------|------------------------------|--------|----|-----------------------------------|---|--------|---------------------------------|-----------------------------------|-----------------|
| IJ                   | Injected (IP54)       | F                            | Front  | OW | Open wire 3.28'                   | F | Front  | OW                              | Open wire 3.28'                   | Max. 23' ~1.83W |
| IJC                  | Clear injected (IP54) | B                            | Bottom | MC | Male connector with 0.98' cable   | B | Bottom | MC                              | Male connector with 0.98' cable   | Increment 0.98' |
| SEC                  | Silicone (IP65)       | S                            | Side   | FC | Female connector with 0.98' cable | S | Side   | FC                              | Female connector with 0.98' cable |                 |
|                      |                       | C                            | Closed | NA | Only for Closed Feed Entry        | C | Closed | NA                              | Only for Closed Feed Entry        |                 |

1. Injected and clear injected end cap are factory-made only.

2. Bottom and side feed entry are only applicable to silicone end cap.

3. Production length = Illuminated length + End cap extension length (refer to below page for extension length of each end cap)

| Temp./Color                           | 1.83W/ft  |
|---------------------------------------|-----------|
| 2200K                                 | 109       |
| 2700K                                 | 132       |
| 3000K                                 | 142       |
| 3500K                                 | 140       |
| 4000K                                 | 145       |
| 5700K                                 | 134       |
| Max. Run for Class 2 Low Voltage (ft) | 23        |
| Max. Run Length (ft)                  | 23        |
| Storage Temperature                   | -13-140°F |
| Ambient Temperature                   | -13-131°F |

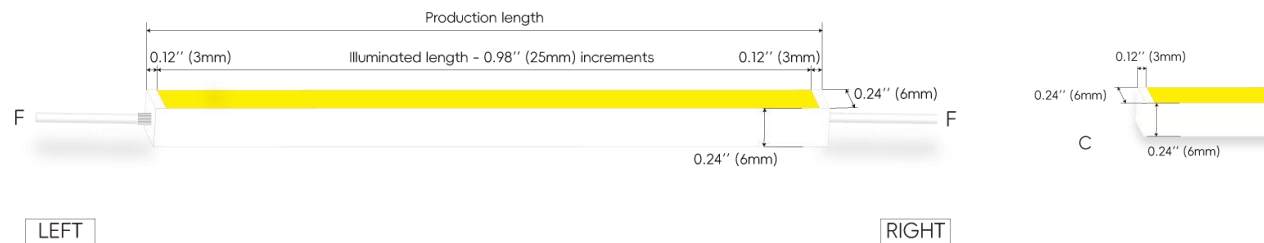
### Technical Details

|                      |                       |
|----------------------|-----------------------|
| Efficacy             | 79.2lm/W @4000K 1.83W |
| CRI                  | Ra ≥ 90               |
| Beam Angle           | 110°                  |
| LED MacAdam          | 3 steps               |
| Life (L70)           | > 36,000 hours        |
| Max. Length Per Reel | 65.6' (20M)           |
| Finish               | Matte                 |

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Feed Entry / End Cap Options

IJ: Injected end cap – IP54, factory-made only



IJC: Clear injected end cap – IP54, factory-made only



SEC: Silicone end cap – IP65

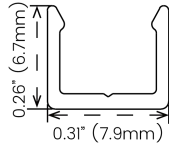


Connector Wire Options

|                                                                                                 |                                                                                     |                                                                                       |
|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|              |  |  |
| <b>OW:</b> Open wire, <b>Dry only</b><br>Standard 3.28' (1m), 20 AWG (wire length customizable) | <b>MC:</b> Male connector, <b>Wet</b><br>Standard 0.98' (30cm), 20 AWG              | <b>FC:</b> Female connector, <b>Wet</b><br>Standard 0.98' (30cm), 20 AWG              |

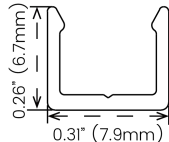
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## Mounting Options



### LN0606-SC

|                 |                          |
|-----------------|--------------------------|
| Name            | Straight surface channel |
| Material        | Aluminum                 |
| Standard Length | 3.28' (1M)               |



### LN0606-CL

|                 |               |
|-----------------|---------------|
| Name            | Mounting clip |
| Material        | Aluminum      |
| Standard Length | 0.98' (25MM)  |

## Drivers

### Non-dimmable

| Code         | Max Load | Input      | Output | Dimmable | Class 2 | Environment  | Size (L*W*H)            |
|--------------|----------|------------|--------|----------|---------|--------------|-------------------------|
| KV-24030-ASW | 30W      | 100-277VAC | 24V    | No       | Yes     | Dry/Damp     | 6.10\" *2.12\" *0.78\"  |
| KV-24060-ASW | 60W      | 100-277VAC | 24V    | No       | Yes     | Dry/Damp     | 7.00\" *2.40\" *0.94\"  |
| KV-24096-ASW | 96W      | 100-277VAC | 24V    | No       | Yes     | Dry/Damp/Wet | 9.05\" *2.75\" *1.69\"  |
| KV-24150-ASW | 150W     | 100-277VAC | 24V    | No       | No      | Dry/Damp/Wet | 10.07\" *3.07\" *1.85\" |
| KV-24200-ASW | 200W     | 100-277VAC | 24V    | No       | No      | Dry/Damp/Wet | 10.07\" *3.07\" *1.85\" |
| KV-24300-ASW | 300W     | 100-277VAC | 24V    | No       | No      | Dry/Damp/Wet | 10.86\" *3.07\" *1.85\" |

### Phase cut/Triac-dimmable

| Code          | Max Load | Input      | Output | Dimmable | Class 2 | Environment  | Size (L*W*H)            |
|---------------|----------|------------|--------|----------|---------|--------------|-------------------------|
| KVF-24030-TDW | 30W      | 100-277VAC | 24V    | Yes      | Yes     | Dry/Damp     | 6.10\" *2.12\" *0.78\"  |
| KVF-24060-TDW | 60W      | 100-277VAC | 24V    | Yes      | Yes     | Dry/Damp     | 7.00\" *2.40\" *0.94\"  |
| KVF-24096-TDW | 96W      | 100-277VAC | 24V    | Yes      | Yes     | Dry/Damp/Wet | 9.05\" *2.75\" *1.69\"  |
| KVF-24150-TDW | 150W     | 100-277VAC | 24V    | Yes      | No      | Dry/Damp/Wet | 10.00\" *3.07\" *1.85\" |
| KVF-24200-TDW | 200W     | 100-277VAC | 24V    | Yes      | No      | Dry/Damp/Wet | 10.00\" *3.07\" *1.85\" |
| KVF-24300-TDW | 300W     | 100-277VAC | 24V    | Yes      | No      | Dry/Damp/Wet | 10.87\" *3.07\" *1.85\" |

### 4 in 1-dimmable (0-10V/1-10V/Potentiometer/10V PWM)

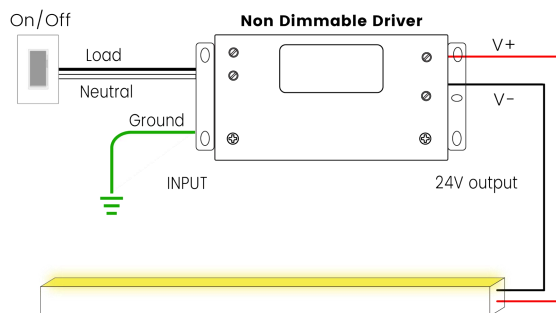
| Code          | Max Load | Input      | Output | Dimmable | Class 2 | Environment  | Size (L*W*H)            |
|---------------|----------|------------|--------|----------|---------|--------------|-------------------------|
| KVD-24030-DIM | 30W      | 100-277VAC | 24V    | Yes      | Yes     | Dry/Damp     | 6.10\" *2.12\" *0.78\"  |
| KVD-24060-DIM | 60W      | 100-277VAC | 24V    | Yes      | Yes     | Dry/Damp     | 7.01\" *2.40\" *0.94\"  |
| KVD-24096-DIM | 96W      | 100-277VAC | 24V    | Yes      | Yes     | Dry/Damp/Wet | 9.05\" *2.75\" *1.69\"  |
| KVD-24150-DIM | 150W     | 100-277VAC | 24V    | Yes      | No      | Dry/Damp/Wet | 10.08\" *3.07\" *1.85\" |
| KVD-24200-DIM | 200W     | 100-277VAC | 24V    | Yes      | No      | Dry/Damp/Wet | 13.38\" *1.02\" *7.28\" |
| KVD-24300-DIM | 300W     | 100-277VAC | 24V    | Yes      | No      | Dry/Damp/Wet | 10.87\" *3.07\" *1.89\" |

### 5 in 1-dimmable (Triac/0-10V/1-10V/Potentiometer/10V PWM)

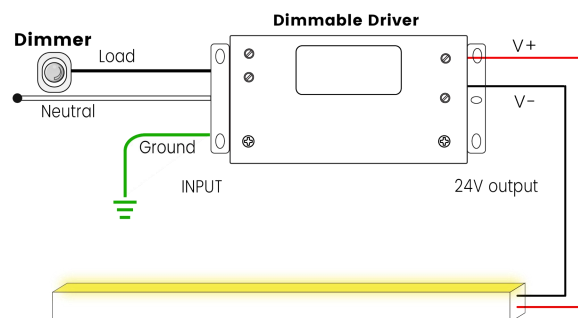
| Code         | Max Load | Input      | Output | Dimmable | Class 2 | Environment  | Size (L*W*H)            |
|--------------|----------|------------|--------|----------|---------|--------------|-------------------------|
| KVG-24030-DW | 30W      | 100-277VAC | 24V    | Yes      | Yes     | Dry/Damp     | 6.10\" *2.13\" *0.79\"  |
| KVG-24060-DW | 60W      | 100-277VAC | 24V    | Yes      | Yes     | Dry/Damp     | 7.01\" *2.41\" *0.94\"  |
| KVG-24096-DW | 96W      | 100-277VAC | 24V    | Yes      | Yes     | Dry/Damp/Wet | 9.06\" *2.76\" *1.69\"  |
| KVG-24150-DW | 150W     | 100-277VAC | 24V    | Yes      | No      | Dry/Damp/Wet | 10.08\" *3.07\" *1.85\" |
| KVG-24200-DW | 200W     | 100-277VAC | 24V    | Yes      | No      | Dry/Damp/Wet | 10.08\" *3.07\" *1.85\" |
| KVG-24300-DW | 300W     | 100-277VAC | 24V    | Yes      | No      | Dry/Damp/Wet | 10.87\" *3.07\" *1.89\" |

## Wiring Diagram

### Non-dimmable



### Triac Dimmable



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Connectors (Optional, purchase for extra)



**LN0606-SEC-C**  
Silicone closed end cap



**LN0606-SEC-F-2P**  
Silicone end cap front entry with 0.98' (30cm) cable, 2 pin



**LN0606-SEC-S-2P**  
Silicone end cap side entry with 0.98' (30cm) cable, 2 pin



**LN0606-SEC-B-2P**  
Silicone end cap bottom entry with 0.98' (30cm) cable, 2 pin

Additional Accessories (Optional, purchase for extra)



**MCW-2P-67**  
Male connector with 0.98' (30cm) white cable, 2 pin, IP67, Wet, 20 AWG



**FCW-2P-67**  
Female connector with 0.98' (30cm) white cable, 2 pin, IP67, Wet, 20 AWG



**MCB-2P-67**  
Male connector with 0.98' (30cm) black cable, 2 pin, IP67, Wet, 20 AWG



**FCB-2P-67**  
Female connector with 0.98' (30cm) black cable, 2 pin, IP67, Wet, 20 AWG