

# LINIO NEON 1010X SV

Outdoor · Horizontal Bending · Static White

## Features

- Max run length up to 26.2ft (8m) from single power feed
- Field cuttable & joinable
- Low voltage DC24V
- 200 lumen outputs
- IP67 rated, ideal for indoor and outdoor uses
- 5 years warranty



Date

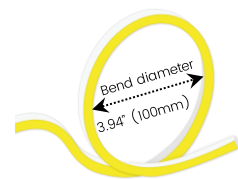
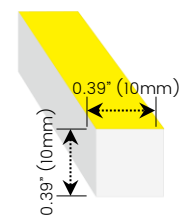
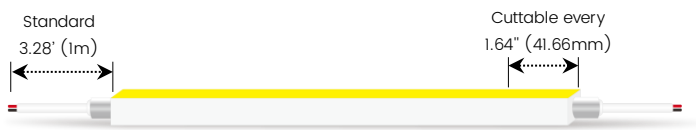
Fixture type

Project name

Project phase



## Dimension



## Order Code

| Series    | Environment   | Voltage  | Temp./Color                                                          | Power                   |
|-----------|---------------|----------|----------------------------------------------------------------------|-------------------------|
| LN1010XSV | W7 Wet (IP67) | 24 DC24V | 22 2200K<br>27 2700K<br>30 3000K<br>35 3500K<br>40 4000K<br>53 5300K | 335 3.35W/ft ~200 lm/ft |

## Assembly Builder

| End Cap <sup>1</sup>             | Left Feed Entry                                           | Right Feed Entry                                          | Illuminated Length <sup>2</sup> |
|----------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|---------------------------------|
| <b>IJ</b> Injected (IP67)        | <b>F</b> Front <b>OW</b> Open wire 3.28'                  | <b>F</b> Front <b>OW</b> Open wire 3.28'                  | <b>Max.</b> 26.2' ~3.35W        |
| <b>IJC</b> Clear injected (IP67) | <b>B</b> Bottom <b>MC</b> Male connector with 0.98' cable | <b>B</b> Bottom <b>MC</b> Male connector with 0.98' cable | <b>Increment</b> 1.64'          |
| <b>SEC</b> Silicone (IP67)       | <b>S</b> Side <b>FC</b> Female connector with 0.98' cable | <b>S</b> Side <b>FC</b> Female connector with 0.98' cable |                                 |
|                                  | <b>C</b> Closed <b>NA</b> Only for Closed Feed Entry      | <b>C</b> Closed <b>NA</b> Only for Closed Feed Entry      |                                 |

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

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

| Temp./Color                           | 3.35W/ft  |
|---------------------------------------|-----------|
| 2200K                                 | 183       |
| 2700K                                 | 201       |
| 3000K                                 | 216       |
| 3500K                                 | 224       |
| 4000K                                 | 229       |
| 5300K                                 | 232       |
| Max. Run for Class 2 Low Voltage (ft) | 22.9      |
| Max. Run Length (ft)                  | 26.2      |
| Storage Temperature                   | -13~140°F |
| Ambient Temperature                   | -13~113°F |

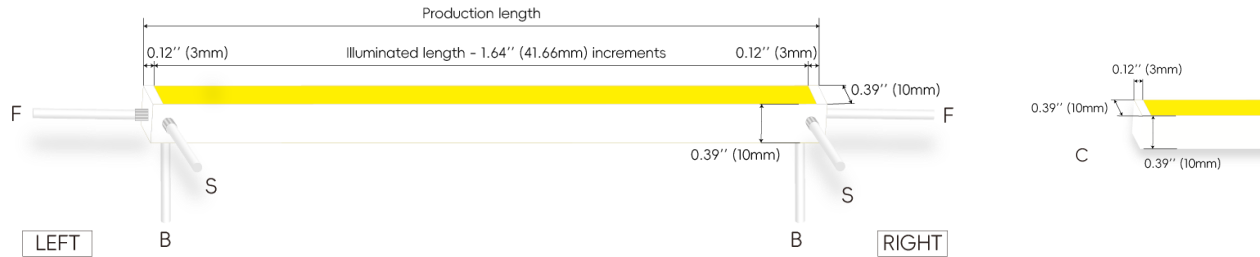
## Technical Details

|                      |                       |
|----------------------|-----------------------|
| Efficacy             | 68.4lm/W @4000K 3.35W |
| CRI                  | Ra ≥ 90               |
| Beam Angle           | 110°                  |
| LED MacAdam          | 2 steps               |
| Life (L70)           | > 102,000 hours       |
| Max. Length Per Reel | 98.4' (30M)           |
| Finish               | Matte                 |

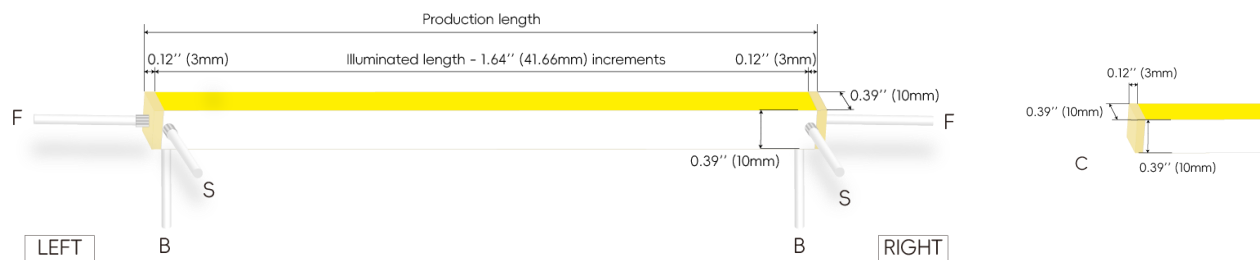
# LINIO NEON 1010X SV Outdoor · Horizontal Bending · Static White

## Feed Entry / End Cap Options

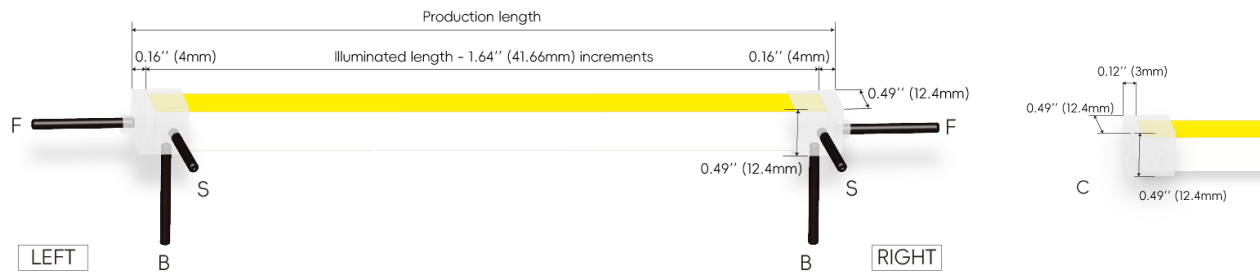
**IJ:** Injected end cap – IP67, factory-made only



**IJC:** Clear injected end cap – IP67, factory-made only



**SEC:** Silicone end cap – IP67



## Connector Wire Options



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



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

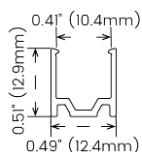


**FC:** Female connector, **Wet**  
Standard 0.98' (30cm), 20 AWG

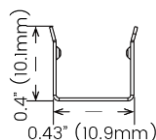
## LINIO NEON 1010X SV

Outdoor · Horizontal Bending · Static White

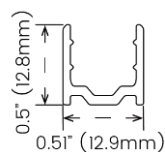
## Mounting Options

**LINIO10-SC**

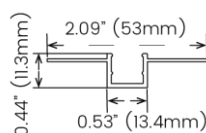
|                 |                          |
|-----------------|--------------------------|
| Name            | Straight surface channel |
| Material        | Aluminum                 |
| Standard Length | 3.28' (1M)               |

**LINIO10-BC**

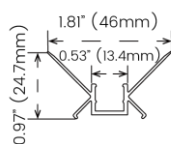
|                 |                          |
|-----------------|--------------------------|
| Name            | Bendable surface channel |
| Material        | Stainless Steel          |
| Standard Length | 3.28' (1M)               |

**LINIO10-PC**

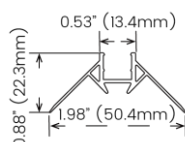
|                 |            |
|-----------------|------------|
| Name            | PC channel |
| Material        | PC         |
| Standard Length | 3.28' (1M) |

**LINIO10-MC**

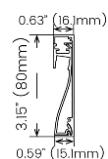
|                 |                |
|-----------------|----------------|
| Name            | Mud-in channel |
| Material        | Aluminum       |
| Standard Length | 3.28' (1M)     |

**LINIO10-IC**

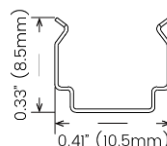
|                 |                       |
|-----------------|-----------------------|
| Name            | Inside corner channel |
| Material        | Aluminum              |
| Standard Length | 3.28' (1M)            |

**LINIO10-OC**

|                 |                        |
|-----------------|------------------------|
| Name            | Outside corner channel |
| Material        | Aluminum               |
| Standard Length | 3.28' (1M)             |

**LINIO10-SBC**

|                 |                        |
|-----------------|------------------------|
| Name            | Skirting board channel |
| Material        | Aluminum               |
| Standard Length | 3.28' (1M)             |

**LINIO10-CL**

|                 |                 |
|-----------------|-----------------|
| Name            | Mounting clip   |
| Material        | Stainless Steel |
| Standard Length | 0.28' (7MM)     |

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## 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)

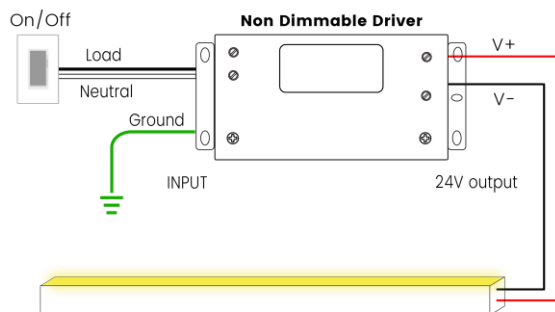
| Code          | Max Load | Input      | Output | Dimmable | Class 2 | Environment  | Size (L*W*H)          |
|---------------|----------|------------|--------|----------|---------|--------------|-----------------------|
| KVD-24030-DIM | 30W      | 100-277VAC | 24V    | Yes      | Yes     | Dry/Damp     | 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" *11.02" *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)

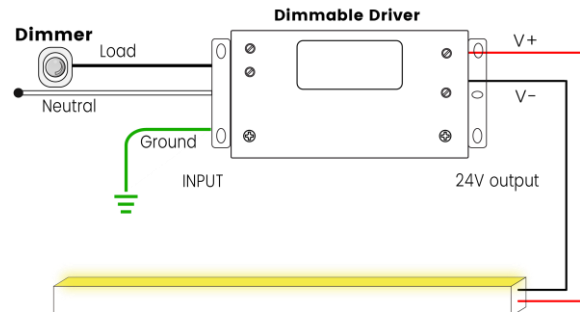
| Code         | Max Load | Input      | Output | Dimmable | Class 2 | Environment  | Size (L*W*H)         |
|--------------|----------|------------|--------|----------|---------|--------------|----------------------|
| KVG-24030-DW | 30W      | 100-277VAC | 24V    | Yes      | Yes     | Dry/Damp     | 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

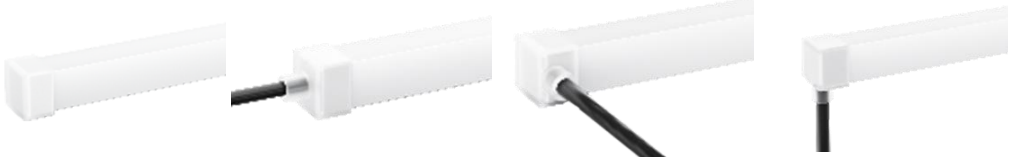


### Dimmable



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Connectors (Optional, purchase for extra)



- LN1010-SEC-C**  
Silicone closed end cap
- LN1010-SEC-F-2P**  
Silicone end cap front entry with 0.98' (30cm) cable, 2 pin
- LN1010-SEC-S-2P**  
Silicone end cap side entry with 0.98' (30cm) cable, 2 pin
- LN1010-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