

# LINIO NEON 1617 SV TW Outdoor · Horizontal Bending · Tunable White

## Features

- Max run length up to 49.2ft (15m) 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

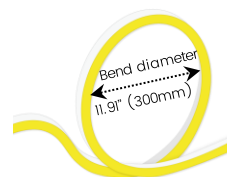
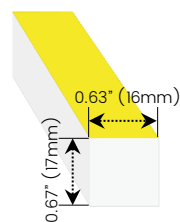
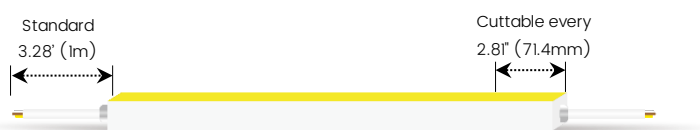
Fixture type

Project name

Project phase



## Dimension



## Order Code

| Series   | Environment   | Voltage  | Temp./Color      | Power                   |
|----------|---------------|----------|------------------|-------------------------|
| LN1617SV | W7 Wet (IP67) | 24 DC24V | 2753 2700K+5300K | 396 3.96W/ft ~200 lm/ft |

## Assembly Builder

| End Cap <sup>1</sup>                      | Left Feed Entry <sup>2</sup>                              | Right Feed Entry <sup>2</sup>                             | Illuminated Length <sup>3</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> 49.2' ~3.96W        |
| <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> 2.8'           |
| <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>MECI</b> Mechanical with screws (IP67) | <b>C</b> Closed <b>NA</b> Only for Closed Feed Entry      | <b>C</b> Closed <b>NA</b> Only for Closed Feed Entry      |                                 |
|                                           | <b>J</b> Jumper                                           | <b>J</b> Jumper                                           |                                 |

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

2. Jumper feed entry must be used in conjunction for wire-in and wire-out directions.

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

| Temp./Color                           | 3.96W/ft  |
|---------------------------------------|-----------|
| 2700K                                 | 104       |
| 5300K                                 | 105       |
| 2700K+5300K                           | 208       |
| Max. Run for Class 2 Low Voltage (ft) | 19.4      |
| Max. Run Length (ft)                  | 49.2      |
| Storage Temperature                   | -13~140°F |
| Ambient Temperature                   | -13~113°F |

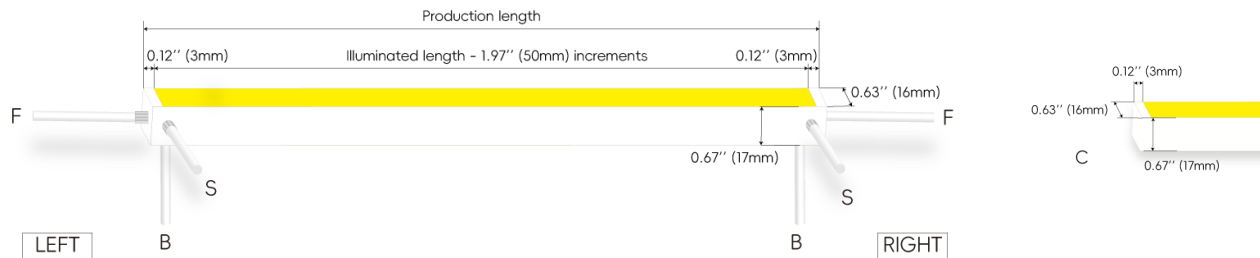
## Technical Details

|                      |                             |
|----------------------|-----------------------------|
| Efficacy             | 52.5lm/W @2700K+5300K 3.96W |
| CRI                  | Ra ≥ 90                     |
| Beam Angle           | 110°                        |
| LED MacAdam          | 2 steps                     |
| Life (L70)           | > 102,000 hours             |
| Max. Length Per Reel | 98.4' (30M)                 |
| Finish               | Matte                       |

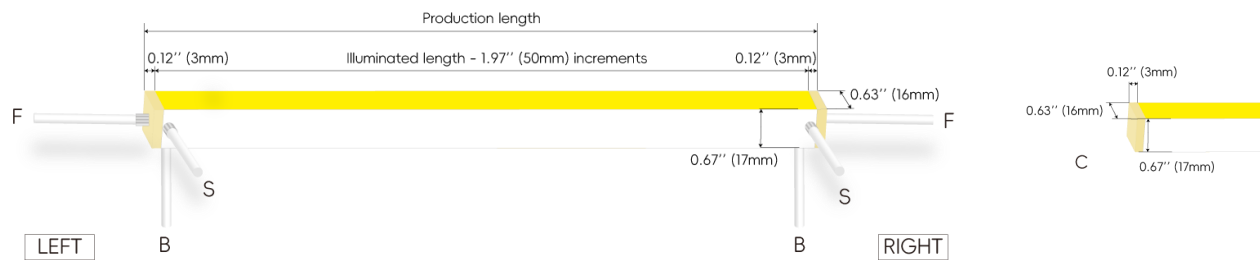
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## Feed Entry / End Cap Options

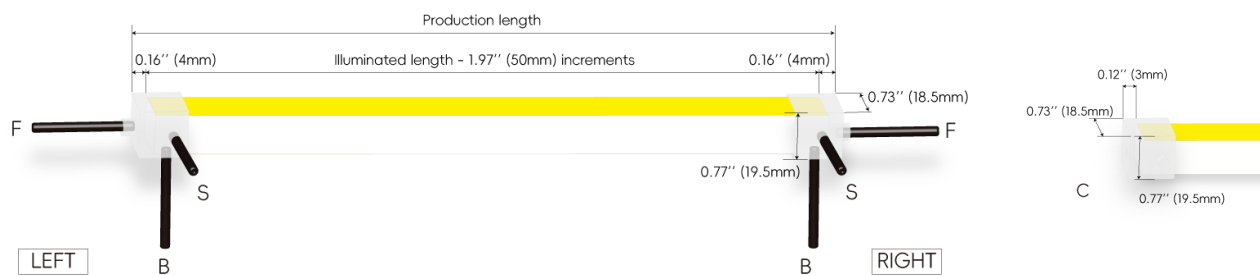
IJ: Injected end cap – IP67, factory-made only



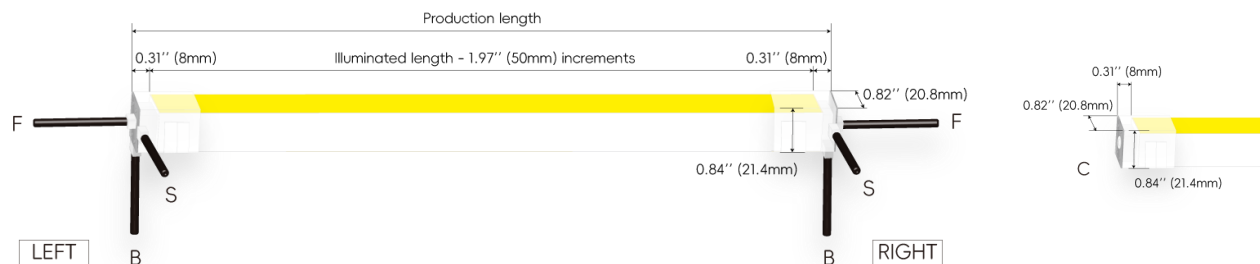
IJC: Clear injected end cap – IP67, factory-made only



SEC: Silicone end cap – IP67



MECI: Mechanical end cap with screws – IP67



## Connector Wire Options



**OW:** Open wire, **Dry only**  
Standard 3.28' (1m), 18 AWG (wire length customizable)



**MC:** Male connector, **Wet**  
Standard 0.98' (30cm), 18 AWG

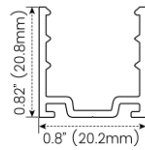


**FC:** Female connector, **Wet**  
Standard 0.98' (30cm), 18 AWG

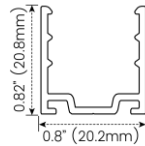
## LINIO NEON 1617 SV TW

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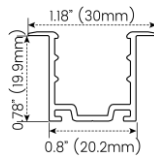
## Mounting Options

**LN1617-SC**

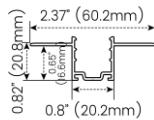
|                 |                          |
|-----------------|--------------------------|
| Name            | Straight surface channel |
| Material        | Aluminum                 |
| Standard Length | 3.28' (1M)               |

**LN1617-BC**

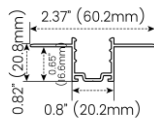
|                 |                          |
|-----------------|--------------------------|
| Name            | Bendable surface channel |
| Material        | Aluminum                 |
| Standard Length | 3.28' (1M)               |

**LN1617-RC**

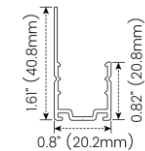
|                 |                           |
|-----------------|---------------------------|
| Name            | Straight recessed channel |
| Material        | Aluminum                  |
| Standard Length | 3.28' (1M)                |

**LN1617-MC**

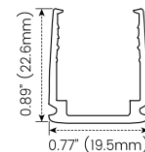
|                 |                |
|-----------------|----------------|
| Name            | Mud-in channel |
| Material        | Aluminum       |
| Standard Length | 3.28' (1M)     |

**LN1617-BMC**

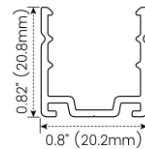
|                 |                         |
|-----------------|-------------------------|
| Name            | Bendable mud-in channel |
| Material        | Aluminum                |
| Standard Length | 3.28' (1M)              |

**LN1617-LBC**

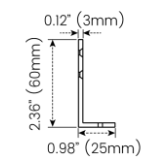
|                 |                     |
|-----------------|---------------------|
| Name            | Light-block channel |
| Material        | Aluminum            |
| Standard Length | 3.28' (1M)          |

**LN1617-PC**

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

**LN1617-CL**

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

**LN1617-LS**

|                 |                           |
|-----------------|---------------------------|
| Name            | L-shaped mounting bracket |
| Material        | Aluminum                  |
| Standard Length | 0.79' (20MM)              |

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**LN1617-AC**

|                 |                          |
|-----------------|--------------------------|
| Name            | Adjustable mounting clip |
| Material        | Stainless steel          |
| Standard Length | r (25.5MM)               |

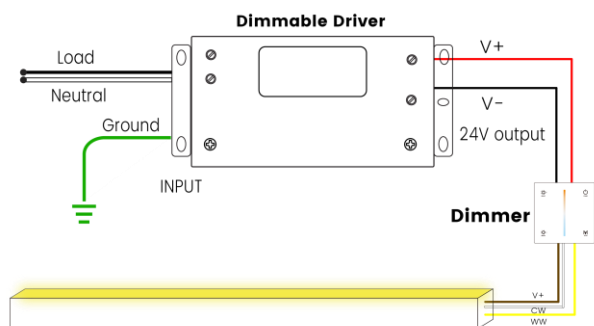
**Drivers**

Dimmable

| Code           | Max Load | Input      | Output | Dimmable | Class 2 | Environment | Size (L *W *H)          |
|----------------|----------|------------|--------|----------|---------|-------------|-------------------------|
| LM-100-24-U2A2 | 100W     | 100-277VAC | 24V    | Yes      | No      | Dry         | 13.86\" *1.69\" *1.18\" |

**Wiring Diagram**

Dimmable

**Connectors (Optional, purchase for extra)****LN1617-SEC-C**

Silicone closed end cap

**LN1617-SEC-F-3P**

Silicone end cap front entry with 0.98\" (30cm) cable, 3 pin

**LN1617-SEC-S-3P**

Silicone end cap side entry with 0.98\" (30cm) cable, 3 pin

**LN1617-SEC-B-3P**

Silicone end cap bottom entry with 0.98\" (30cm) cable, 3 pin

**LN1617-MEC1-C**

Mechanical closed end cap with screws

**LN1617-MEC1-F-3P**

Mechanical end cap with screws, front entry with 0.98\" (30cm) cable, 3 pin

**LN1617-MEC1-LS-3P**

Mechanical end cap with screws, left side entry with 0.98\" (30cm) cable, 3 pin

**LN1617-MEC1-RS-3P**

Mechanical end cap with screws, right side entry with 0.98\" (30cm) cable, 3 pin

**LN1617-MEC1-B-3P**

Mechanical end cap with screws, bottom entry with 0.98\" (30cm) cable, 3 pin

**LN1617-JC-F-3P**

Jumper connector front entry with 0.23\" (7cm) cable, 3 pin, IP67

**Additional Accessories (Optional, purchase for extra)****MCW-3P-67**

Male connector with 0.98\" (30cm) white cable, 3 pin, IP67, Wet, 18 AWG

**FCW-3P-67**

Female connector with 0.98\" (30cm) white cable, 3 pin, IP67, Wet, 18 AWG

**MCB-3P-67**

Male connector with 0.98\" (30cm) black cable, 3 pin, IP67, Wet, 18 AWG

**FCB-3P-67**

Female connector with 0.98\" (30cm) black cable, 3 pin, IP67, Wet, 18 AWG