

# LNR9060S

BL Inground

Direct View, Ground Recessed Linear Light  
Bendable Walk-Over Load Rated, 24VDC



LNR9060S direct view, glare-free in-grade recessed walk over linear lights are engineered for flush mount installations and ideal for wayfinding, delineation, accent and safety lighting in floor, ground and wall installations. Flexible and solidly constructed with up to 335lbf weight bearing capacity, IP67 rating, stainless steel frame and aluminum channel, weatherproof quick connectors for ease of installation. The channel is an excellent heat sink, and engineered with a drain channel, preventing permanent submersion of the IP67 rated LED housed within, ensuring longevity. The flush recessed and treadable non-slip silicone lens top delivers uniformly diffused, glare-free illumination with a 115° beam angle. Achieve seamless, continuous run lengths. Perfect for projects requiring recessed, robust, lines of linear lighting.

|              |  |
|--------------|--|
| CLIENT       |  |
| PROJECT NAME |  |
| LOCATION     |  |
| DATE         |  |

Universal Bend

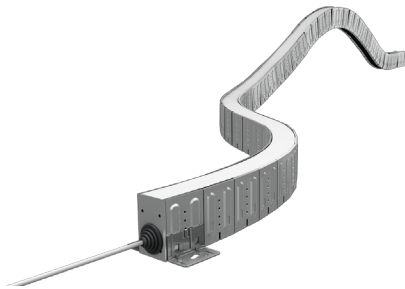
Walk-Over Load Rated

24VDC

Custom Run Lengths

316L Stainless Steel Housing

## Product Detail



|               |                       |   |
|---------------|-----------------------|---|
| Lighting      | Lamp                  | LED, SMD 2835   |
|               | Average Life          | 50,000 Hours  |
|               | Beam Angle            | 115°  |
| Electrical    | Controls              | 0-10V, MLV, ELV, TRIAC, Phase Cut, DMX, Bluetooth                       |
|               | Input Voltage         | 24VDC   |
|               | Max Input Current     | 4A  |
|               | Connections           | Copper conductors, 18AWG  |
| Mechanical    | Housing Construction  | 316 Stainless Steel Frame<br>6063 Aluminum Channel<br>Silicone Diffuser |
|               | Weight Bearing        | SI - 335lbf Load Rated (Walk-Over)                                      |
|               | Channel Length        | 3.28FT (1m)   |
|               | Weight                | 1.88lbs/FT (2.8kg/m)  |
| Accessories   | CHS LNR9060S 10       | 3.28FT (1m) Frame & Channel   |
|               | EC LNR9060S           | 316 Stainless Steel End Cap   |
|               | ECH LNR9060S          | 316 Stainless Steel End Cap with Cable Rubber Grommet                   |
|               | MC PVC LNR9060S       | PVC Mounting Cover  |
|               | SD LNR9060S           | Silicone Diffuser   |
|               | MB LNR9060S           | Mounting Bracket  |
|               | JB LNR9060S           | Joining Bracket   |
|               | FP CHS LNR9060S       | Middle Feed Frame & Channel   |
| Environmental | Ingress Protection    | IP67  |
|               | Impact Protection     | IK10  |
|               | Certifications        | UL, CE  |
|               | Operating Temperature | -40°F to 131°F (-40°C to 55°C)  |

## Ordering

| Product Code | Series | Weight Bearing | Effect      | CCT/Color | Input Voltage | IP Rating |
|--------------|--------|----------------|-------------|-----------|---------------|-----------|
| LNR9060S     | G      | SI (Walk-Over) | ST (Static) | 2100K     | 24            | IP67      |
|              |        |                |             | 3000K     |               |           |
|              |        |                |             | 4000K     |               |           |
|              |        |                |             | 5000K     |               |           |
|              |        |                |             | Red       |               |           |
|              |        |                |             | Green     |               |           |
|              |        |                |             | Blue      |               |           |

**BL LIGHTING**  
ILLUMINATE EVERYTHING

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Solid State Lighting is sensitive to power fluctuations. Surge protection is highly recommended for all LED lighting products and should be on a dedicated circuit to protect against premature failure. Lack of surge protection may void your warranty.

Designed & Assembled in North America.

Specifications subject to change without notice. Please refer to our website at bllighting.com for current technical data.

For more information,  
please download the  
BL LIGHTING catalog

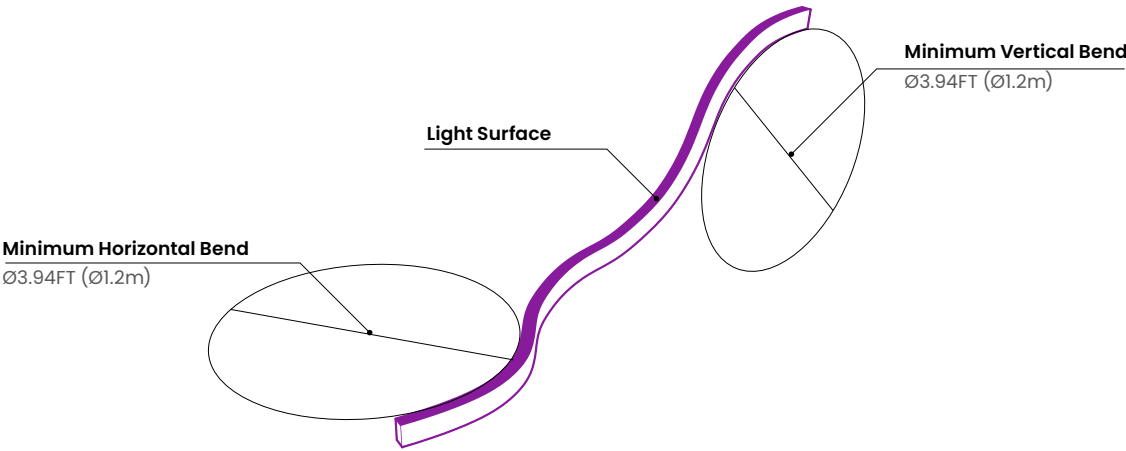
bllighting.com



Performance

| CCT/Color |              | 2100K      | 3000K     | 4000K | 5000K | Red      | Green     | Blue     |
|-----------|--------------|------------|-----------|-------|-------|----------|-----------|----------|
| Power     | W/FT (W/m)   | 3.66 (12)  |           |       |       | 2.75 (9) |           |          |
| Lumens    | lm/FT (lm/m) | 146 (480)  | 152 (500) |       |       | 58 (190) | 134 (440) | 34 (110) |
| Efficacy  | lm/W         | 40         | 42        |       |       | 21       | 49        | 12       |
| CRI       | CRI          | 80+        |           |       |       | -        |           |          |
| LED's Qty | Qty/FT       | 21         |           |       |       | 27       | 21        |          |
| Increment | inch(mm)     | 3.94 (100) |           |       |       |          |           |          |

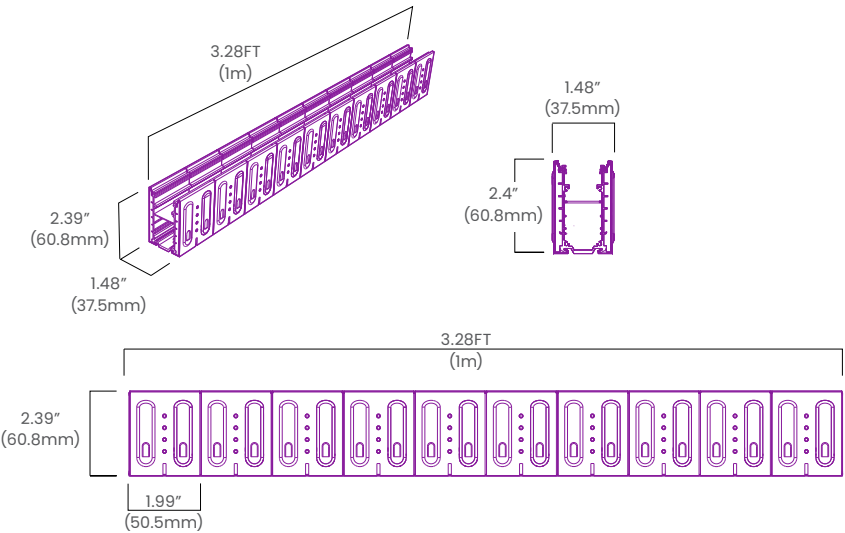
Minimum Bend and Bend Orientation



Dimensions

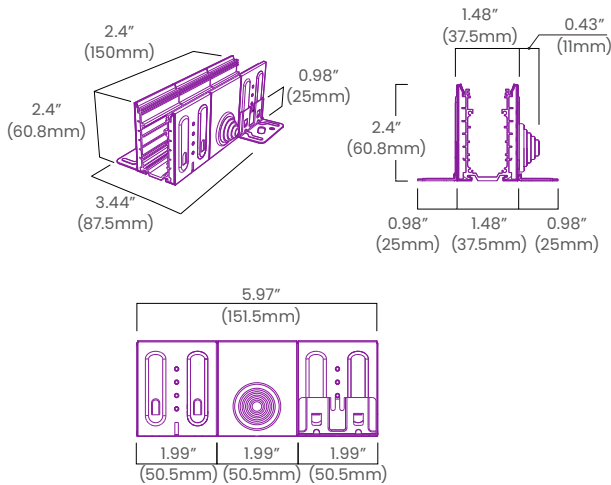
3.28FT (1m) Frame & Channel

CHS LNR9060S 10



Middle Feed Frame & Channel

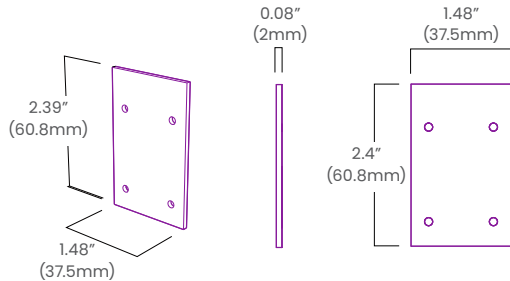
FP CHS LNR9060S



## Dimensions

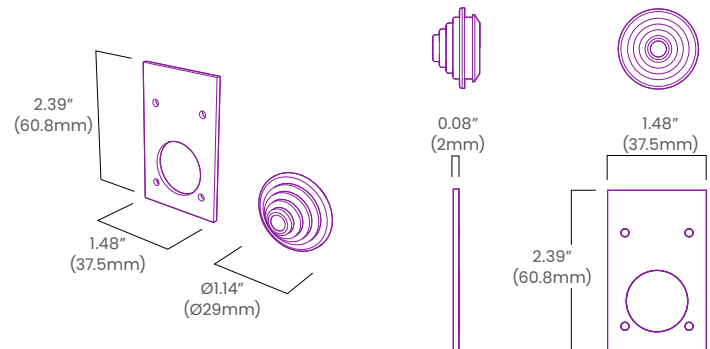
### 316 Stainless Steel End Cap

#### EC LNR9060S



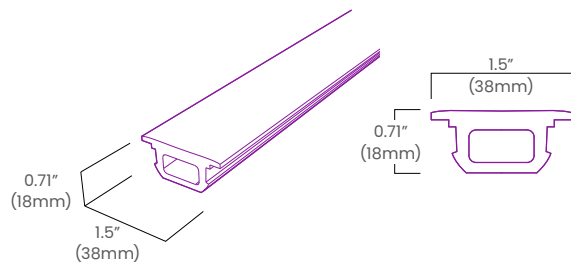
### 316 Stainless Steel End Cap with Cable Rubber Grommet

#### ECH LNR9060S



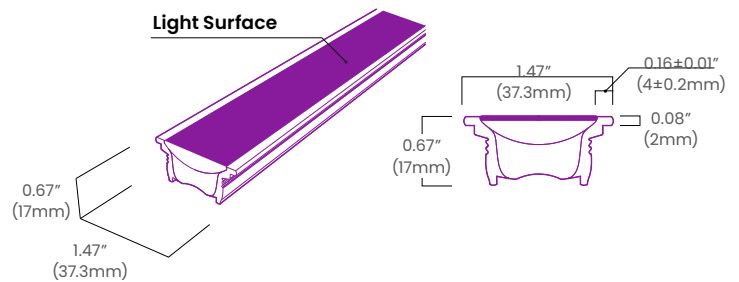
### PVC Mounting Cover

#### MC PVC LNR9060S



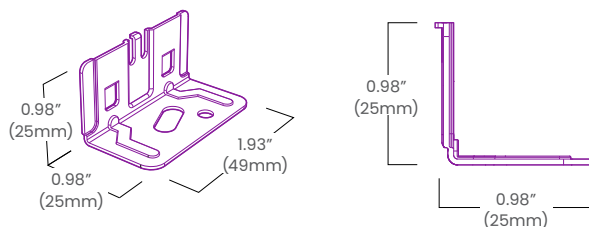
### Silicone Diffuser

#### SD LNR9060S



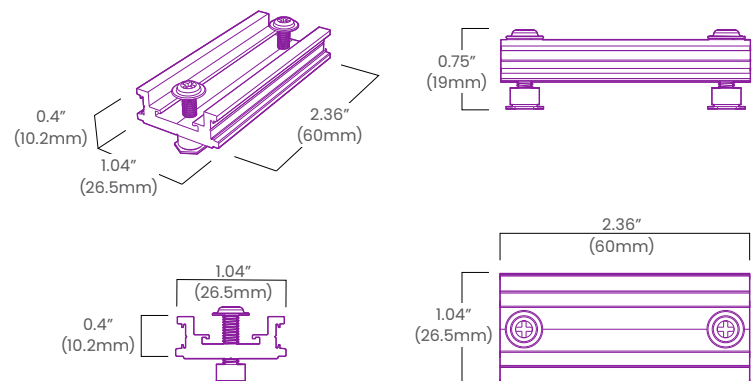
### Mounting Bracket

#### MB LNR9060S



### Joining Bracket

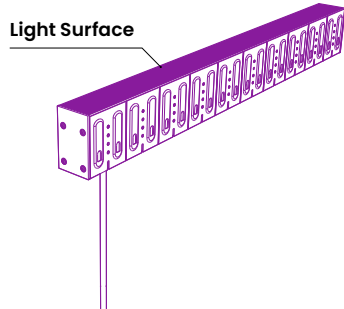
#### JB LNR9060S



## Lead Orientations

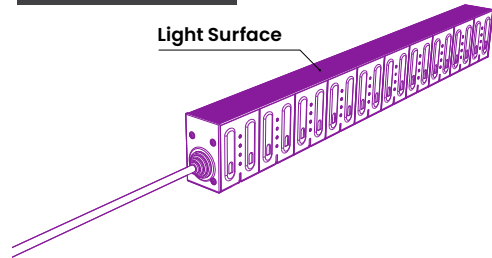
### Back Lead

NVS LNRS BC 67



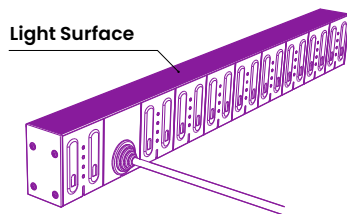
### End Lead

NVS LNRS EC 67



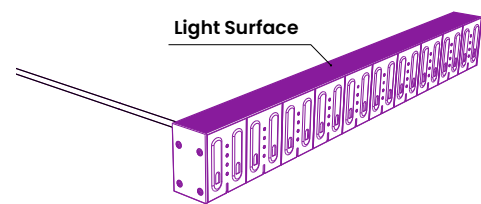
### Right Side Lead

NVS LNRS RC 67



### Left Side Lead

NVS LNRS LC 67



*\*The Wick Resistant Wire Ferrule is built into the lead wire, 4.5" (115mm) from the fixture termination connection, for additional moisture ingress protection. Removal of the Wick Resistant Wire Ferrule may void your warranty.*

