

BL inGROUND LNR3710 direct view, glare-free in-grade recessed drive over linear lights are ideal for wayfinding, delineation, accent and safety lighting in driveways, parking lots, plazas, stairways, parks and public spaces. Designed to withstand temperatures from -40°F to 131°F (-40°-55°C), these luminaires are solidly constructed with up to 3354lbf weight bearing capacity, IP67 rating, corrosion resistant marine grade 316L stainless steel housing, and weatherproof IP68 rated quick connectors for ease of installation. The robust stainless steel housing is an excellent heat sink, and is engineered with a drain channel to prevent permanent submersion of the IP67 rated LED, ensuring longevity. With drive over and walk over options, the flush recessed and treadable non-slip silicone lens top delivers uniformly diffused, glare-free illumination with a 115° beam angle. Seamless, continuous run lengths. This ground-breaking luminaire is perfect for the projects that demand a long life, sturdy, and attractive linear in-grade recessed LED.

Drive-Over and Walk-Over Options

24VDC

Custom Run Lengths

316L Stainless Steel Housing

Pixel Chasing Available

## Product Detail



### Lighting

#### Lamp

LED, SMD 2835 (Static)  
LED, SMD 3015 (Dynamic White)  
LED, SMD 5050 (Color Changing)

#### 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(White)  
Copper conductors, 20AWG (RGB, RGBW)

### Mechanical

#### Housing Construction

316 Stainless Steel Channel  
Silicone Diffuser

#### Weight Bearing

S2 - 2,683lbf Load Rated (Walk-Over)  
S3 - 3,354lbf Load Rated (Drive-Over)

#### Channel Length

0.65FT (0.2m), 1.64FT (0.5m) and 3.28FT (1m) Sections Available

### Accessories

#### LNR3710 CHS 316S 02

0.65FT (0.2m) 316 Stainless Steel Channel

#### LNR3710 CHS 316S 05

1.64FT (0.5m) 316 Stainless Steel Channel

#### LNR3710 CHS 316S 10

3.28FT (1m) 316 Stainless Steel Channel

#### LNR3710 CHS EC

316 Stainless Steel End Cap

#### LNR3710 CHS SD

Silicone Diffuser

#### LNR3710 CHS JB

Channel Joiner Bracket

#### LNR3710 NVS QC

IP68 Cable Quick Connectors

### Environmental

#### Ingress Protection

IP67

#### Impact Protection

IK10

#### Certifications

UL, CE

#### Operating Temperature

-40°F to 131°F (-40°C to 55°C)

## Performance

### Static Colors/Color Changing

| CCT/Color |          | 2200K       | 2700K | 3000K | 3500K | 4000K | 5700K | 6500K | Red  | Green | Blue | RGB | RGBW(2700K) | RGBW(3000K) | RGBW(4000K) |
|-----------|----------|-------------|-------|-------|-------|-------|-------|-------|------|-------|------|-----|-------------|-------------|-------------|
| Power     | W/FT     | 3.66        |       |       |       |       |       |       | 2.44 | 3.66  |      |     | 4.57        |             |             |
| Lumens    | lm/FT    | 232         | 274   | 305   |       |       |       | 73    | 305  | 61    | 189  | 267 |             |             |             |
| Efficacy  | lm/W     | 63          | 75    | 73    |       |       |       | 30    | 83   | 19    | 52   | 58  |             |             |             |
| CRI       | CRI      | 80+         |       |       |       |       |       |       | N/A  |       |      | 80+ |             |             |             |
| LED's Qty | Qty/FT   | 26          |       |       |       |       |       |       |      |       |      |     |             |             |             |
| Increment | inch(mm) | 3.28 (83.3) |       |       |       |       |       |       |      |       |      |     |             |             |             |

### 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

### Dynamic White

| CCT/Color |          | 2200K - 6500K             |
|-----------|----------|---------------------------|
| Power     | W/FT     | 3.66                      |
| Lumens    | lm/FT    | 134 (2200K) - 152 (6500K) |
| Efficacy  | lm/W     | 36 (2200K) - 42 (6500K)   |
| CRI       | CRI      | 80+                       |
| LED's Qty | Qty/FT   | 51                        |
| Increment | inch(mm) | 3.28 (83.3)               |

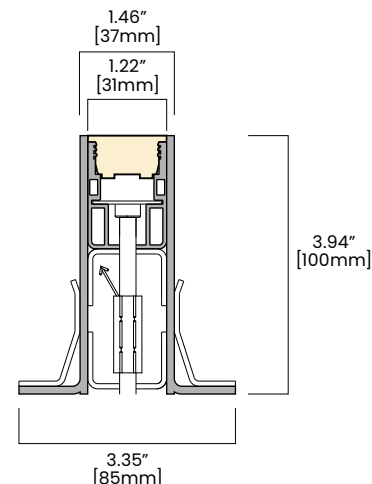
### Pixel Chasing

| CCT/Color |          | 2200K      | 2700K | 3000K | 3500K | 4000K | 5700K | 6500K                     | 2200K - 6500K | RGB  | RGBW(3000K)  | RGBW(4000K) |  |
|-----------|----------|------------|-------|-------|-------|-------|-------|---------------------------|---------------|------|--------------|-------------|--|
| Power     | W/FT     | 3.66       |       |       |       |       |       |                           | 4.57          | 3.66 | 4.57         |             |  |
| Lumens    | lm/FT    | 168        | 198   | 213   |       |       |       | 137 (2200K) - 152 (6500K) |               | 130  | 182          |             |  |
| Efficacy  | lm/W     | 46         | 54    | 58    |       |       |       | 30 (2200K) - 33 (6500K)   |               | 36   | 40           |             |  |
| CRI       | CRI      | 80+        |       |       |       |       |       |                           |               | N/A  | 80+          |             |  |
| LED's Qty | Qty/FT   | 18         |       |       |       |       |       | 36                        |               | 18   |              |             |  |
| Increment | inch(mm) | 3.93 (100) |       |       |       |       |       |                           |               |      | 6.56 (166.7) |             |  |

## Ordering

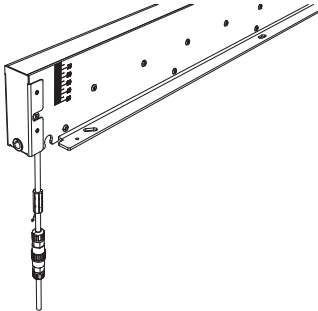
| Product Code        | Weight Bearing  | Effect      | CCT/Color        |
|---------------------|-----------------|-------------|------------------|
| BL inGROUND LNR3710 |                 |             |                  |
|                     | S2 (Walk-Over)  | ST (Static) | 2200K            |
|                     | S3 (Drive-Over) | PX (Pixel)  | 2700K            |
|                     |                 |             | 3000K            |
|                     |                 |             | 3500K            |
|                     |                 |             | 4000K            |
|                     |                 |             | 5700K            |
|                     |                 |             | 6500K            |
|                     |                 |             | DW (2200K-6500K) |
|                     |                 |             | Red              |
|                     |                 |             | Green            |
|                     |                 |             | Blue             |
|                     |                 |             | RGB              |
|                     |                 |             | RGBW(2700K)      |
|                     |                 |             | RGBW(3000K)      |
|                     |                 |             | RGBW(4000K)      |

## Dimensions

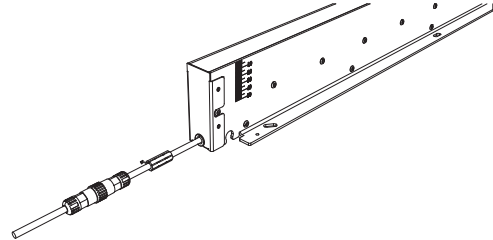


## Lead Orientations

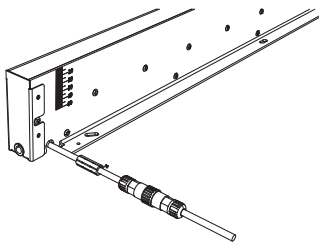
Back Lead



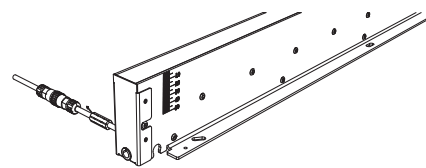
End Lead



Right Side Lead



Left Side Lead



*\*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.*

