# STR SERIES

## PRODUCT FEATURES

- Intended for Transportation Settings, Tunnel and Underpasses, Transportation Platforms, Stairways, Public Areas, and more
- Available in 4ft narrow housing
- Recessed mount installation
- Stainless steel construction for maximum durability and resistance to corrosion
- Fixture is certified by Intertek Testing Laboratory for Wet Locations. IP66 Rating per IEC60598
- This product is Made in America and complies with the Buy American Act (BAA), and the Build America Buy America Act (BABAA)
- The STR Series is covered by the New Star Promise

STR Series

## ORDERING INFORMATION

**Example: STR4-N-ST-E/E-LW40-90C-A-1-WH-UN-DM1**

| STR | 4 | | ST | | / | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Series | Size* | Style | Profile* | Housing | Frame | Lumen Output | Color Temp. | CRI | |
| | **4** = 4ft | **N** = Narrow | **ST** = Standard Profile Housing | **B** = 14Ga. CRS Painted | **B** = 14Ga. CRS Painted | **LW** = Low | **35** = 3500K | **80C** = 80 CRI | |
| | | **M** = Medium | | **C** = 16Ga. CRS Painted | **C** = 16Ga. CRS Painted | **ST** = Standard | **40** = 4000K | **90C** = 90 CRI | |
| | *Nominal Size. Dimensional Data on Page 2. | **W** = Wide | *Dimensional Data on Page 2. | **D** = 18Ga. CRS Painted | **D** = 18Ga. CRS Painted | **MD** = Medium | **50** = 5000K | | |
| | | | | **E** = 14Ga. SS Brushed | **E** = 14Ga. SS Brushed | | | | |
| | | | | **F** = 16Ga. SS Brushed | **F** = 16Ga. SS Brushed | | | | |
| | | | | **G** = 18Ga. SS Brushed | **G** = 18Ga. SS Brushed | | | | |
| | | | | | **L** = 12Ga. SS Brushed | | | | |

| Outer Lens | Lens | Finish | Voltage | Driver | Options |
|---|---|---|---|---|---|
| **A** = .125 Prismatic Acrylic | **1** = .187 Clear Poly. | **blank** = Raw Finish | **12** = 120V | **DM** = 0-10V dimming with 10-100% range | **FZ1** = Fuse (120V) |
| **B** = .125 Prismatic Poly. | **D** = .187 Prismatic Poly. | **WH** = White | **27** = 277V | | **FZ2** = Fuse (277V) |
| **C** = .156 Prismatic Poly. | | | **UN** = Universal (120V-277V) | **DM1** = 0-10V dimming with 1-100% range | **EL1** = Emerg. Bat. LED Low (10W)* |
| **D** = .187 Prismatic Poly. | | | | | **EL2** = Emerg. Bat. LED Low (20W)* |
| **E** = .125 White Frost Poly. | | | | | **RZ** = Raceway** |
| **G** = .140 DR Prismatic Acrylic | | | | | **RS** = Rocker Switch |
| **H** = .125 White Frost Acrylic | | | | | **RM** = Row Mount*** |
| **LC3** = .125 White Frost Poly. | | | | | **PM** = Pendant Mount |
| **1** = .187 Clear Poly. | | | | | **SP** = Surge Protector |
| | | | | | *If stored, batteries should be fully recharged every six months and kept between 0ºC-25ºC to maintain optimal battery capacity. **Consult factory for details. ***Requires joiner bracket. Supplied with fixture. |

Specifications and dimensions are subject to change without notice. For additional options and dimensional details, please consult your New Star Lighting representative.

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## SPECIFICATIONS

**HOUSING:** Brushed 304 stainless steel die formed and sealed welded housing. Optional 316 stainless steel.

**FRAME:** Inset doorframe in brushed 304 stainless steel or cold rolled steel. Optional 316 stainless steel. Frame tethered to housing via aircraft cable.

**HINGE:** Continuous 18-gauge stainless steel.

**LENS:** Available in high impact .187 prismatic or clear polycarbonate lens and .125 white frosted polycarbonate.

**LED:** Long life LED system available in 3500K, 4000K or 5000K, 80 CRI. Other color temperatures available, consult factory. 0-10V dimming available with 10-100% range. Must specify dimming under options. L70 rated minimum 100,000 hours.

**FASTENERS:** Tamper-resistant Torx® head fasteners with center pin reject.

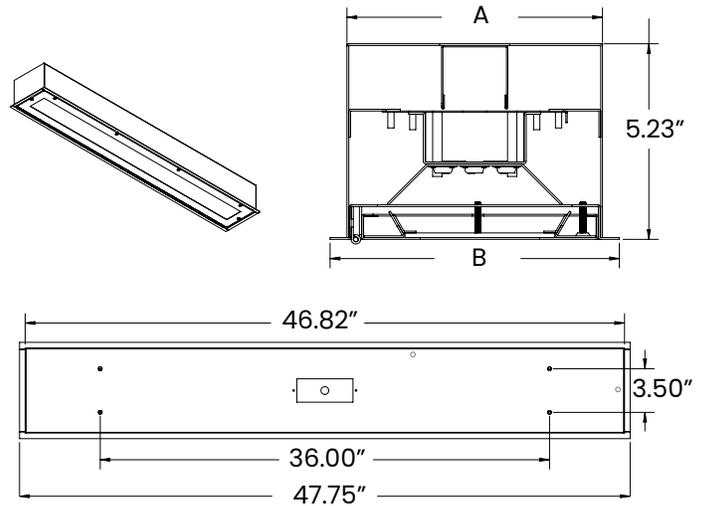**GASKET:** Closed cell silicone gaskets prevent air contaminations from entering the fixture.

**MOUNTING:** Recessed mount installation.

**OPERATING TEMPERATURE:** Suitable for installation into -30ºC to 40ºC ambient temperatures.

**WARRANTY:** Ten (10) year warranty against parts, components and LED light sources from the date of acceptance.

**LABEL:** Fixture is certified by Intertek Testing Laboratory for Wet Locations. IP66 Rating per IEC60598. This product is Made in America and complies with the Buy American Act (BAA), and the Build America Buy America Act (BABAA).

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## DIMENSIONAL DATA



| STYLE | A | B |
|---------|--------|--------|
| STR4N-ST | 6.82" | 7.75" |
| STR4M-ST | 8.81" | 7.75" |
| STR4W-ST | 10.07" | 11.00" |

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New StarLighting

## PERFORMANCE DATA

|  |  | LUMENS | (lm/W) | (W) |
|---|---|---|---|---|
| **STR4N** | **LOW** | 2450 | 98 | 25 |
|  | **MED** | 4800 | 96 | 50 |
|  | **HIGH** | 7050 | 94 | 75 |
| **STR4M** | **LOW** | 4900 | 98 | 50 |
|  | **MED** | 7200 | 96 | 75 |
|  | **HIGH** | 9400 | 94 | 100 |
| **STR4W** | **LOW** | 5000 | 100 | 50 |
|  | **MED** | 7350 | 98 | 75 |
|  | **HIGH** | 9600 | 96 | 100 |

**New Star Lighting**
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