

## LED 8" and 12" Signal Module IL6 Series Bicycle Indication

### Leading the LED Industry Since 1992

With over 7,000,000 units installed globally

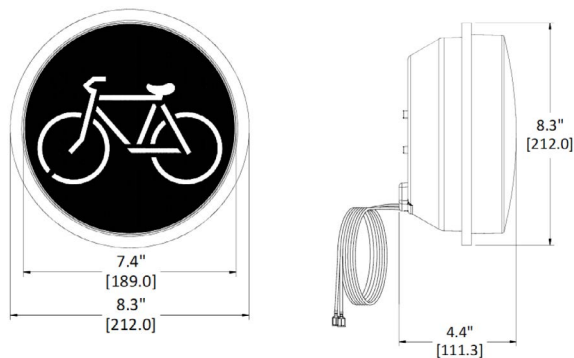


### Superior Performance and Reliability

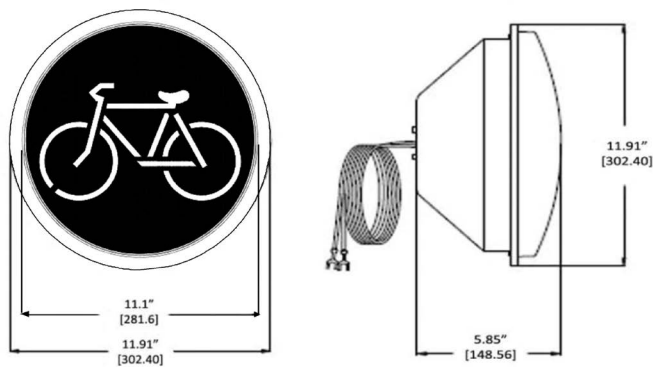
- Highly visible indication offers exceptional color uniformity and readability
- Significant energy and maintenance savings
- 8" and 12" modules
- Simple and fast installation
- Excellent moisture and dust resistance through complete O-ring sealing
- Engineered aluminum heat sink for optimum thermal management
- Robust hard-coated and UV-stabilized polycarbonate lens for increased longevity against the elements
- Built-in Constant Current Source (CCS) provides uniform light output from the first to the last modules
- Maintains 70% of the initial lumen intensity after 100,000 hours of operation
- Environmentally friendly
- 5-Year Limited Warranty

### Mechanical Dimensions [in(mm)]

8 inch



12 inch



# LED 8" and 12" Signal Module

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### Model Specifications and Ordering Options

|                       |                                |
|-----------------------|--------------------------------|
| Operating Temperature | -40°F to 165°F (-40°C to 74°C) |
| Input Voltage         | 80-135 Vac, 60Hz               |
| Power Factor          | >0.90                          |

|                           |         |
|---------------------------|---------|
| Turn on/off time          | <75msec |
| Turn-Off Voltage          | >35Vac  |
| Total Harmonic Distortion | <20%    |

| Model Number and Color |                                                                                     | Wattage Drawn | Voltage   |
|------------------------|-------------------------------------------------------------------------------------|---------------|-----------|
| TSL-12R-IL6-BK-A1      |    | 5.6           | 80-135Vac |
| TSL-12Y-IL6-BK-A1      |    | 6.8           | 80-135Vac |
| TSL-12G-IL6-BK-A1      |    | 7.0           | 80-135Vac |
| TSL-08R-IL6-BK-A1      |    | 6.0           | 80-135Vac |
| TSL-08Y-IL6-BK-A1      |  | 6.8           | 80-135Vac |
| TSL-08G-IL6-BK-A1      |  | 6.0           | 80-135Vac |

**Please note:**

Available with tinted lens only.

### Standard Conformance

- FCC Compliant for Electrical Noise
- MIL-STD-810F Moisture Resistant
- MIL-STD-883 Mechanical Vibration
- NEMA TS2 Transient Voltage Protection over 2000V



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