

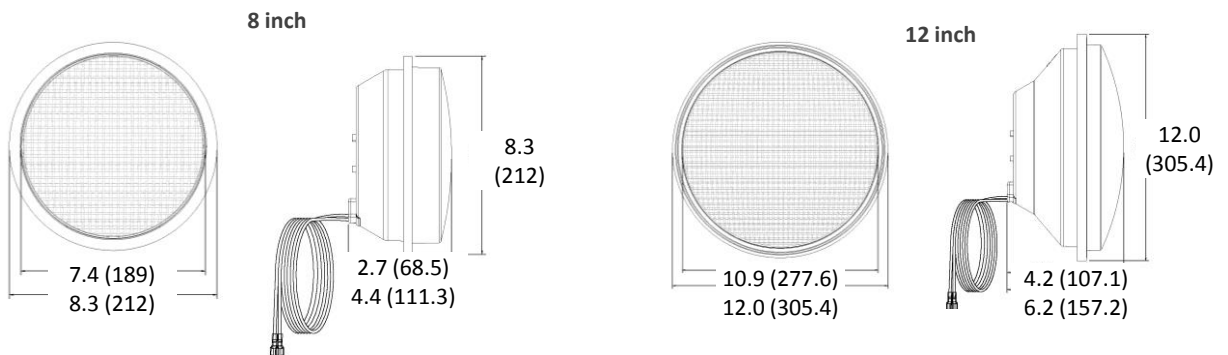
Leading the LED Industry Since 1992  
With over 7,000,000 units installed globally



## Superior Performance and Reliability







- Significant energy efficiency
- Wider viewing angle
- Enhanced uniformity
- Utilizes constant current source to maintain consistent light output
- Engineered for superior thermal management.
- Environmentally friendly
- Meets and/or exceeds all ITE standards ITE VTCSH LED Circular Signal Supplement dated June 27th 2005
- Maintains 70% of the initial lumen intensity after 100,000 hours of operation
- 5-Year Limited Warranty
- Excellent moisture and dust resistance

## Mechanical Dimensions [in(mm)]



# Model Specifications and Ordering Options

|                        |                                |                                  |         |
|------------------------|--------------------------------|----------------------------------|---------|
| Operating Temperature: | -40°F to 165°F (-40°C to 74°C) | Turn-On/Turn-Off Time:           | <75msec |
| Operating Voltage:     | 200 - 265Vac                   | Turn-Off Voltage:                | >35Vac  |
| Power Factor:          | >0.90                          | Total Harmonic Distortion (THD): | <20%    |

| Model Number and Color   | Wattage Drawn | Voltage    | Dominant Wavelength | Maintained Intensity (cd) Min. | Standard |
|--|---------------|------------|---------------------|--------------------------------|----------|
| <b>8 inch ball</b>   |               |            |                     |                                |          |
| TSL-08R-LX-IL6-C1-P2  | 6.5           | 200-265Vac | 626                 | 165                            | ITE 2005 |
| TSL-08Y-LX-IL6-C1-P2  | 7             | 200-265Vac | 589                 | 410                            | ITE 2005 |
| TSL-08G-LX-IL6-C1-P2  | 6.5           | 200-265Vac | 500                 | 215                            | ITE 2005 |
| <b>12 inch ball</b>  |               |            |                     |                                |          |
| TSL-12R-LX-IL6-C1-P2  | 8             | 200-265Vac | 626                 | 365                            | ITE 2005 |
| TSL-12Y-LX-IL6-C1-P2  | 12            | 200-265Vac | 589                 | 910                            | ITE 2005 |
| TSL-12G-LX-IL6-C1-P2  | 8             | 200-265Vac | 500                 | 475                            | ITE 2005 |

**Please note:** Tinted lens standard, clear lens optional. When ordering clear lens, please add “-CLR” to model number.

## Standard Conformance

- Complies with FCC title 47, Subpart B section 15 for Radiated Emission
- MIL-STD-810F Moisture Resistant
- MIL-STD-883 Mechanical Vibration
- NEMA TS2 Transient Voltage Protection over 2000V

### ITE VTCSH Compliance - LED Circular Signal Supplement – June 27, 2005

- |                        |             |                      |                       |
|------------------------|-------------|----------------------|-----------------------|
| • Conditioning         | ITE 6.4.2   | • Luminous Intensity | ITE 6.4.4.1-4         |
| • Mechanical Vibration | ITE 6.4.3.1 | • Chromaticity       | ITE 6.4.4.1 – 6.4.4.4 |
| • Temperature Cycling  | ITE 6.4.3.2 | • Uniformity         | ITE 6.4.4.5           |

