

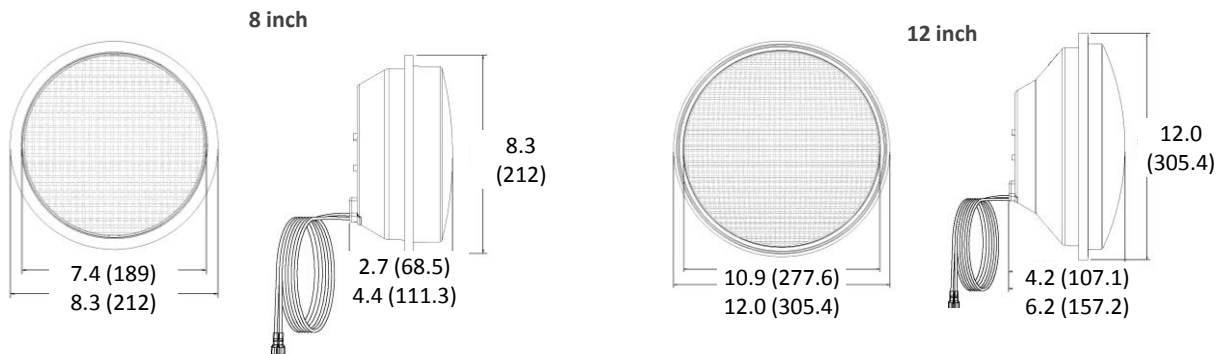
Leading the LED Industry Since 1992  
With over 7,000,000 units installed globally



## Superior Performance and Reliability













- Environmentally friendly
- Significant energy efficiency
- Wider viewing angle
- Enhanced uniformity
- Utilizes constant current source to maintain consistent light output
- Engineered for superior thermal management.
- 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
- Complies with FCC title 47, Subpart B section 15 for Radiated Emission
- 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)    Operating Voltage: 10 - 28Vdc

	Model Number and Color	Wattage Drawn	Voltage	Dominant Wavelength	Maintained Intensity (cd)	Standard
					Min.	
IL6-P3	<b>8 inch ball</b>					
	TSL-08R-LX-IL6-B1-P3 	2.4	10-28Vdc	626	165	ITE 2005*
	TSL-08Y-LX-IL6-B1-P3 	4.3	10-28Vdc	589	410	ITE 2005*
	TSL-08G-LX-IL6-B1-P3 	3.4	10-28Vdc	500	215	ITE 2005*
	<b>12 inch ball</b>					
	TSL-12R-LX-IL6-B1-P3 	4.4	10-28Vdc	626	365	ITE 2005*
	TSL-12Y-LX-IL6-B1-P3 	10	10-28Vdc	589	910	ITE 2005*
TSL-12G-LX-IL6-B1-P3 	6.6	10-28Vdc	500	475	ITE 2005*	
IL6-P2	<b>8 inch ball</b>					
	TSL-08R-LX-IL6-B1-P2 	5W	10-28Vdc	626	165	ITE 2005*
	TSL-08Y-LX-IL6-B1-P2 	7W	10-28Vdc	589	410	ITE 2005*
	TSL-08G-LX-IL6-B1-P2 	5W	10-28Vdc	500	215	ITE 2005*
	<b>12 inch ball</b>					
	TSL-12R-LX-IL6-B1-P2 	8W	10-28Vdc	626	365	ITE 2005*
	TSL-12Y-LX-IL6-B1-P2 	13W	10-28Vdc	589	910	ITE 2005*
TSL-12G-LX-IL6-B1-P2 	7W	10-28Vdc	500	475	ITE 2005*	

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

\* Meet ITE 2005 Intensity, Color and Uniformity.

## 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           |

