



LED Traffic Signal Module Incandescent Look

IL6 Arrow



The Leotek Advantage

The IL6 series utilizes advanced Hi-Flux LEDs for increased light distribution efficiency; which reduces the quantity of individual LEDs required and lowers power consumption for additional savings. Developed with a patented innovative optical technology, the Leotek IL line of products ensures superior performance and reliability.

Features and Benefits

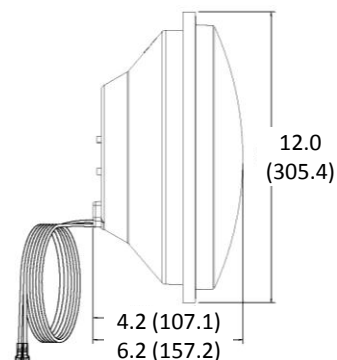
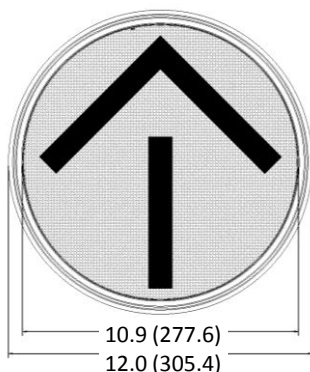
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|--|---|
| Environmentally friendly | Engineered for superior thermal management |
| Significant energy efficiency | Intertek ETL Verified |
| Wider viewing angle | Meets and/or exceeds all ITE standards ITE VTCSH LED Arrow Signal Supplement dated July 1, 2007 |
| Enhanced uniformity | Maintains 70% of the initial lumen intensity after 100,000 hours of operation |
| Excellent moisture and dust resistance | 5-Year Limited Warranty |
| Utilizes constant current source to maintain consistent light output | |

Technical Data

Operating Temperature: -40°F to 165°F (-40°C to 74°C)	Turn-On/Turn-Off Time: <75msec
Operating Voltage: 80 - 135Vac	Turn-Off Voltage: >35Vac
Power Factor: >0.90	Total Harmonic Distortion (THD): <20%




IL6 Mechanical Dimensions [in(mm)]

12 inch



Model Specifications and Ordering Options

TSL-(SIZE)(COLOR)-LX-(IL TYPE)-(VOLTAGE)

Model Number and Color	Wattage Drawn	Voltage	Dominant Wavelength	Maintained Intensity (cd) Min.	Standard
12 inch arrow					
TSL-12RA-IL6-A1 	7	80-135Vac	626	56.8	ITE 2007/ETL
TSL-12YA-IL6-A1 	12.5	80-135Vac	589	141.6	ITE 2007/ETL
TSL-12GA-IL6-A1 	7	80-135Vac	500	73.9	ITE 2007/ETL

Options: Tinted lens standard, clear lens optional. When ordering clear lens, please add “-CLR” to model number. Both tinted and clear lens are Intertek ETL Verified.

Standard Conformance

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

Meets and/or exceeds all ITE standards ITE VTCSH LED Arrow Signal Supplement dated July 1, 2007

ITE VTCSH Compliance - LED Circular Signal Supplement – July 1, 2007

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|------------------------|-------------|-----------------------|---------------|
| · Conditioning | ITE 6.4.2 | · Luminous Intensity | ITE 6.4.4.1-4 |
| · Mechanical Vibration | ITE 6.4.3.1 | · Chromaticity | ITE 6.4.4.6 |
| · Temperature Cycling | ITE 6.4.3.2 | · Current Consumption | ITE 6.4.6.1 |



V6-111711

Information provided subject to change without notice.