



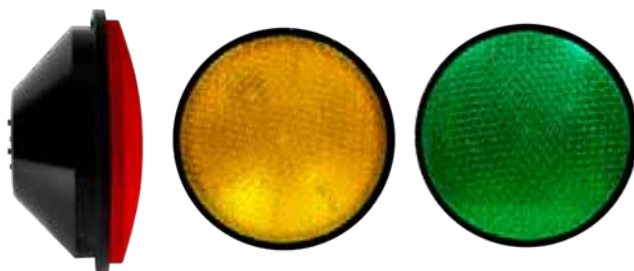
# LED Traffic Signal Module Incandescent Look

## IL Series-International 200-265Vac



### The Leotek LED Advantage

A conventional incandescent look with "Fail-State Impedance" design to ensure controller and monitor compatibility in the event of loss of light output.



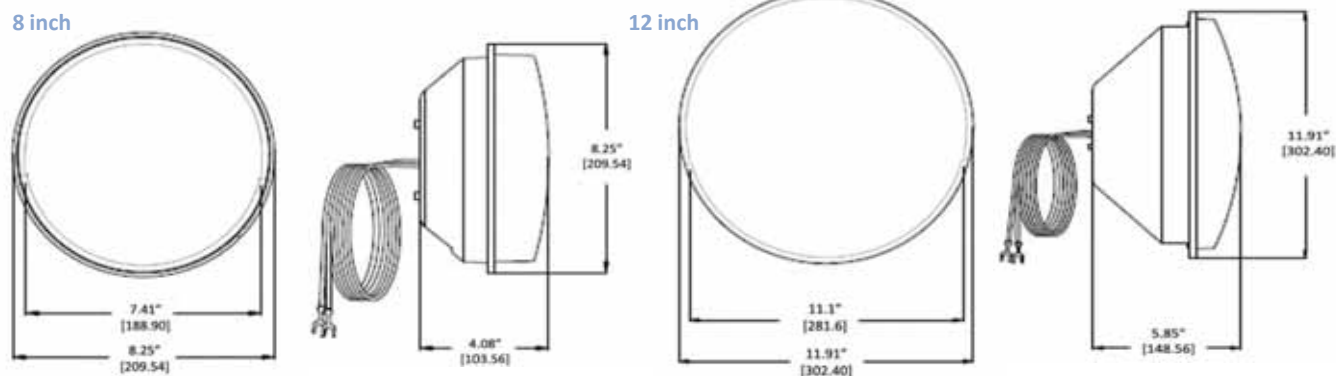
### Features and Benefits

- High-Flux LEDs
- Environmentally friendly
- Significant energy and maintenance savings
- 12" modules
- Tinted or clear lens options
- Multiple connections available for specific applications
- Exceptional color uniformity and readability
- Excellent moisture and dust resistance through complete O-ring sealing
- Robust hard-coated and UV-stabilized polycarbonate lens for increased longevity against the elements
- Engineered aluminum heat sink for optimum thermal management
- 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 50,000 hours of operation
- 5-Year Limited Warranty




### Technical Data

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: 100Vac +/- 10Vac
Power Factor: >0.90	Total Harmonic Distortion (THD): <20%

### Mechanical Dimensions [mm(in)]



# Model Specifications and Ordering Options

Model Number and Color	Wattage Drawn	Voltage	Dominant Wavelength	Maintained Intensity (cd) Min.
<b>12 inch</b>				
TSL-12R-LX-IL5-C1 	12	200-265Vac	625	365
TSL-12Y-LX-IL5-C1 	13	200-265Vac	592	910
TSL-12G-LX-IL5-C1 	12	200-265Vac	505	475

**Options:** Tinted lens standard, clear lens optional. If required, please indicate “clear lens” on purchase order.

## 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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