



# LED Railroad Signal Module X-Indication IL Series-SF

## The Leotek LED Advantage

A conventional incandescent look with energy efficient, long life LED technology that provides significant energy and maintenance savings, with exceptional color uniformity and readability.



## Features and Benefits

- Meets AREMA standards for Safety Assurance
- Reliable High Flux / High Power LEDs
- Excellent moisture and dust resistance
- Robust hard-coated and UV-stabilized polycarbonate lens for increased longevity against the elements
- Maintains 70% of the initial lumen intensity after 50,000 hours of operation
- 5-Year Limited Warranty

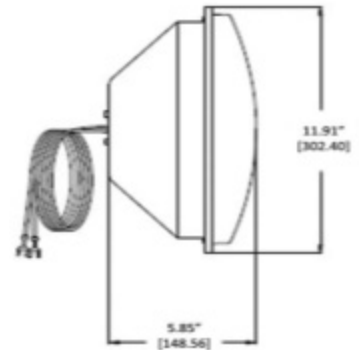
## Technical Data

<b>Operating Temperature:</b>	-40°F to 165°F (-40°C to 74°C)
<b>Operating Voltage:</b>	80-135Vac, (50-60 Hz)
<b>Power Factor:</b>	>0.90
<b>Turn-On/Turn-Off Time:</b>	<75msec
<b>Turn-Off Voltage:</b>	>35 V ac,

## Specifications

<b>Moisture:</b>	MIL-STD-810F
<b>Photometry:</b>	AREMA Part 3.2.35
<b>Environmental Parameters:</b>	AREMA Part 11.5.1 – Class B
<b>Electronic Noise:</b>	FCC Title 47 Sub. B Sec 15 Class A
<b>Appearance:</b>	Uniform, non-pixelated incandescent look
<b>Lens:</b>	Tinted the color of LED display
<b>Transient Protection Specification:</b>	NEMA TS-2
<b>“X” Cross-Arm Dimensions:</b>	1 inch wide x 10 inches long

## Mechanical Dimensions [in(mm)]



## Ordering Information

Model	Color	LED Type	Dominant Wavelength	Wattage Drawn	Input Current
TSL-12R-LX-IL3-XB-A1		AllnGaP	626	11	80mA
TSL-12G-LX-IL2-XB-A1		InGaN	500	12	110mA

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