

LED Railroad Grade Crossing IL Series Signal Module

Leading the LED Industry Since 1992

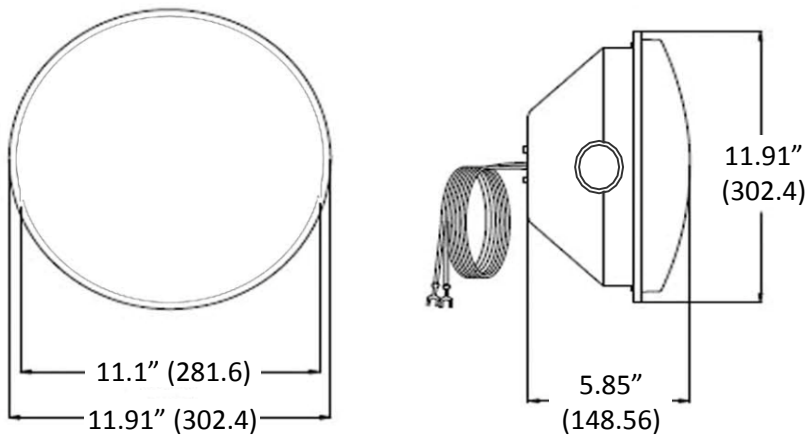
With over 7,000,000 units installed globally

Longer Lasting, Brighter Light

- Meets AREMA and Transport Canada standards for Safety Assurance
- Side Lights available in both red or white for extra safety and visibility
- Easy to retrofit
- Excellent moisture and dust resistance
- Eliminates the appearance of “phantom signal”
- Robust hard-coated and UV-stabilized polycarbonate lens for increased longevity against the elements
- Maintains 70% of the initial lumen intensity after 100,000 hours of operation
- 5-Year Limited Warranty



Mechanical Dimensions [in(mm)]

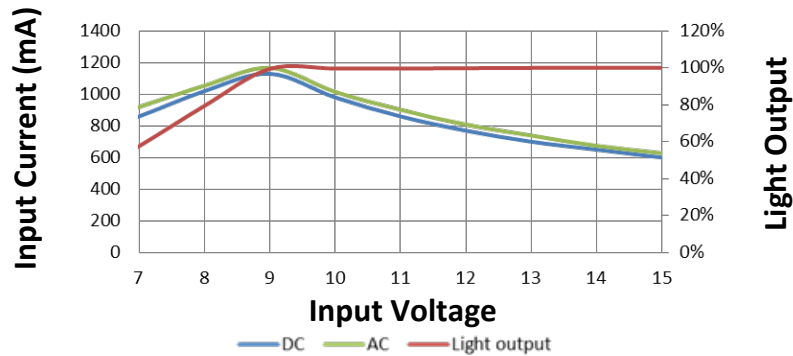


Model Specifications and Ordering Options

Environmental Parameters	AREMA Part 11.5.1 – Class B MIL-STD-883, Test Method 1010 NEMA Standard 250-1991, Section 4.7.2.1 and 4.7.3.2 for Type 4 enclosures
Photometry	AREMA Part 3.2.35/TC E-14
Transient Immunity	AREMA Part 11.3.3/C.4.a
Dielectric	6kVrms
Electronic Noise	FCC Title 47 Sub. B Sec 15 Class A

EMI	AREMA Part 11.5.1 – Class B
Operating temperature	-40°F to 160°F (-40°C to 70°C)
Operating Voltage	8-20Vdc, 8-16Vac (50/60 Hz)
Power Factor	>0.90
Turn-On/Turn-Off Time	<75msec
Power Surge	45Vrms for 80ms

Typical Current Characteristic
IL Series
TSL-12RCS-ILW-E1



Model Number and Color	Side Light Color	LED Type	Dominant Wavelength	Wattage Drawn	Input Current
TSL-12RCS-ILR-E1 with Red Side Lights	●	AllnGaP	626	9	750mA
TSL-12RCS-ILW-E1 with White Side Lights	○	AllnGaP	626	9	750mA