



LED Railroad Signal Module Grade Crossing EV Series

The Leotek Advantage

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



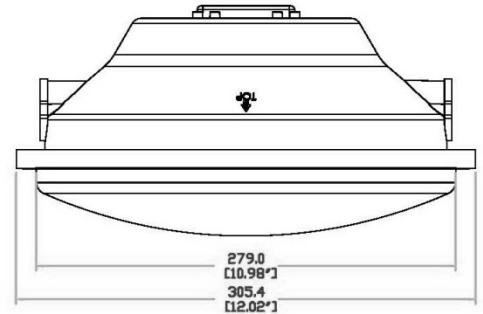
Features and Benefits

- Meets AREMA and Transport Canada standards for Safety Assurance
- Manufactured in the USA
- Side Lights for extra safety and visibility
- Excellent moisture and dust resistance
- Robust hard-coated and UV-stabilized polycarbonate lens for increased longevity against the elements
- 5-Year Limited Warranty

Technical Data

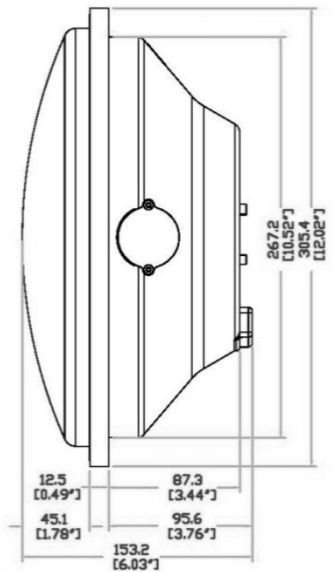
Operating Temperature:	-40°F to 160°F (-40°C to 70°C)
Operating Voltage:	8-20Vdc, 8-16Vac (50/60 Hz)
Power Factor:	>0.90
Turn-On/Turn-Off Time:	<75msec
Power Surge:	30Vrms for 80ms

Mechanical Dimensions [mm(in)]



Specifications

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:	AREMA Part 11.5.1 – Class B, 3kVrms
EMI:	AREMA Part 11.5.1 – Class B
Electronic Noise:	FCC Title 47 Sub. B Sec 15 Class A



Ordering Information

Model	Ball Color	Side Light Color	LED Type	Dominant Wavelength	Wattage Drawn	Input Current
TSL-12RCS-EVR-E1 with Red Side Lights	●	●	AllnGaP	626	10	770mA
TSL-12RCS-EVW-E1 with White Side Lights	●	○	AllnGaP	626	10	770mA