

LED 12" Round Pedestrian Signal Module CD/HM Series Indications

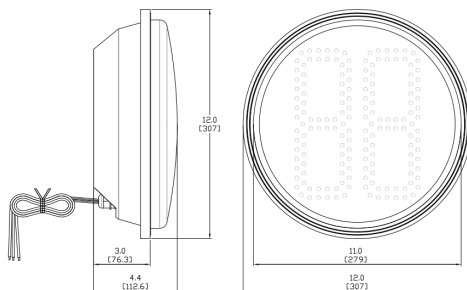
Leading the LED Industry Since 1992

With over 7,000,000 units installed globally

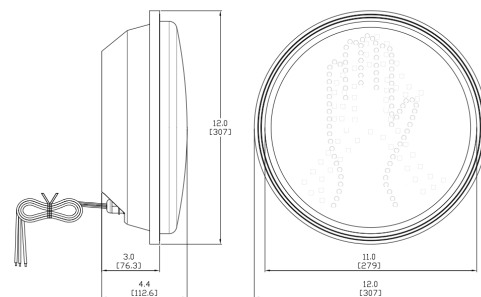
Superior Performance and Reliability

- Multiple electrical connections available for specific applications
- Overmolded electrical connectors provide fully-weatherized seal
- Easy installation into existing signal housings
- Patented innovative optical technology
- Wider viewing angle and enhanced uniformity
- Maintains 70% of the initial lumen intensity after 100,000 hours of operation
- Robust hard-coated and UV-stabilized polycarbonate lens for increased longevity against the elements
- Excellent moisture and dust resistance through complete O-ring sealing
- Utilizes constant current source to maintain consistent light output
- Superior thermal management
- Energy efficient and environmentally friendly
- 5-year limited warranty

Mechanical Dimensions [in(mm)]



CD Series



HM Series



Model Specifications and Ordering Options

LED Color/Type	Portland Orange  /AlInGaP, Lunar White  /InGaN		
Operating Temperature	-40°F to 165°F (-40°C to 74°C)	Total Harmonic Distortion (THD):	<20%
Operating Voltage:	80 - 135Vac	Turn-On/Turn-Off Time:	<75msec
Power Factor:	> 0.90	Turn-Off Voltage:	>35Vac

Model Number and Color	Description	Wattage Drawn	Standard
TSL-PED-12-CD-CR1	Countdown Digits Portland Orange Countdown	8.6W	
TSL-PED-12-HM-CR1	Overlay Full Symbol – Portland Orange Hand / Lunar White Man	Hand – 6W Man – 6W	

Standard Conformance

- FCC Compliant for Electrical Noise
- MIL-STD-810F Moisture Resistant
- MIL-STD-8a83 Mechanical Vibration
- NEMA TS2 Transient Voltage Protection over 2000V

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