

LED 12" Pedestrian Signal Module CD/WM/HM/EH Series Indications

Leading the LED Industry Since 1992

With over 7,000,000 units installed globally

Superior Performance and Reliability

- Intertek ETL verified
- 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



CD Series



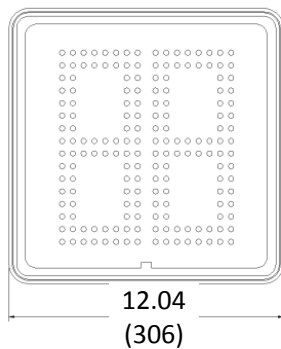
WM Series



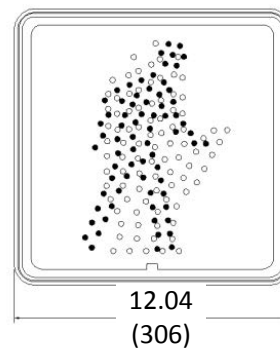
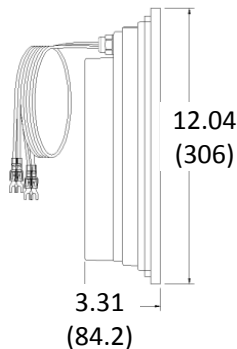
EH Series

Mechanical Dimensions [in(mm)]

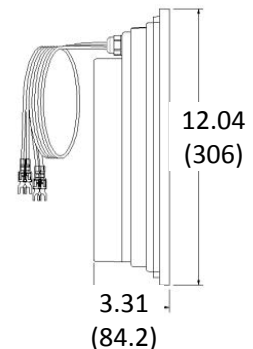
CD, WM, EH, HM Digit Height - 9"



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
12 inch Countdown Pedestrian			
TP12N-CD	Countdown Digits - Portland Orange Countdown	7.5W	ITE PTCSI-LED Signal Modules - Aug 4, 2010 / ETL ¹
12 inch Pedestrian			
TP12A-WM-C ³	Outline - Lunar White Man	5W	
TP12A-EH-C ³	Outline - Portland Orange Hand	5.5W	
TP12B-WM ²	Full Symbol - Lunar White Man	5W	ITE PTCSI-LED Signal Modules - Aug 4, 2010 / ETL ¹
TP12B-EH	Full Symbol – Portland Orange Hand	6W	ITE PTCSI-LED Signal Modules - Aug 4, 2010 / ETL ¹
TP12H-HM	Overlay Full Symbol – Portland Orange Hand / Lunar White Man	Hand – 7W Man – 7W	ITE PTCSI-LED Signal Modules - Aug 4, 2010 / ETL ¹
TP12H-HM-C ³	Outline Full Symbol/ Lunar White Man	Hand – 7W Man – 7W	

1 Intertek ETL Verified

2 Available in 12Vdc as model number TP12B-WM-B1

3 Available in Canada only

Standard Conformance

- FCC Compliant for Electrical Noise
- MIL-STD-810F Moisture Resistant
- MIL-STD-883C Mechanical Vibration
- NEMA TS2 Transient Voltage Protection over 2000V



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

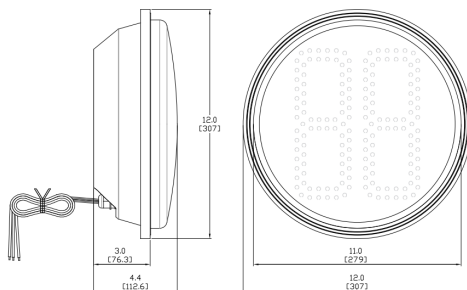
Leading the LED Industry Since 1992

With over 7,000,000 units installed globally

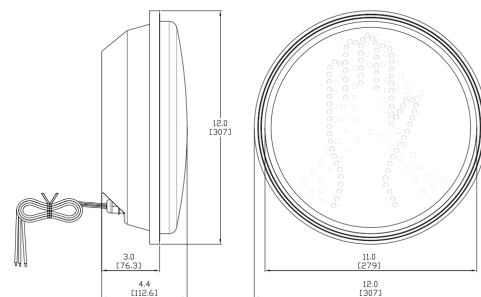
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- Overmolded electrical connectors provide fully-weatherized seal
- Easy installation into existing signal housings
- Patented innovative optical technology
- Wider viewing angle and enhanced uniformity
- Maintains 70% of the initial lumen intensity 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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