



# LED Pedestrian Signal Module

## 12" Indications

### CD, WM, EH, HM Series



## The Leotek LED Advantage

Available in multiple options, with "Fail-State Impedance" design to ensure controller and monitor compatibility in the event of loss of light output.



## Features and Benefits

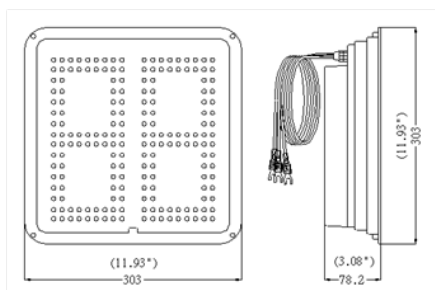
- Environmentally friendly
- Significant energy and maintenance savings
- Multiple connections available for specific applications
- Exceptional color uniformity and readability
- Excellent moisture and dust resistance through complete O-ring sealing
- Engineered aluminum heat sink for optimum thermal management
- Robust hard-coated and UV-stabilized polycarbonate lens for increased longevity against the elements
- Built-in Constant Current Source (CCS) provides uniform light output from the first to the last modules
- Maintains 70% of the initial lumen intensity after 50,000 hours of operation
- 5-Year Limited Warranty

## Technical Data

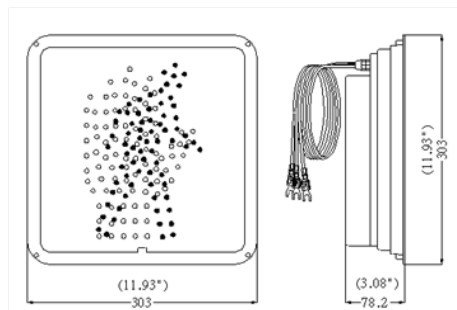
LED Color/Type: : Portland Orange ● /AlInGaP, Lunar White ○ /InGaN
Operating Temperature: : -40°F to 165°F (-40°C to 74°C) : Total Harmonic Distortion (THD): : <20%
Operating Voltage: : 80 -135Vac : Turn-On/Turn-Off Time: : <75msec
Power Factor: : >0.90 : Turn-Off Voltage: : 35Vac

## Mechanical Dimensions [mm(in)]

CD, WM, EH, HM Digit Height - 7"



CD Series



HM Series

# Model Specifications and Ordering Options

Model Number	Description	Wattage Drawn	Standard
<b>12 inch Countdown Pedestrian</b>			
TP12N-CD	Countdown Digits - Portland Orange Countdown	7W	ITE PTCSI-STD Part 2 - March 2004
<b>12 inch Pedestrian</b>			
TP12A-WM	Outline - Lunar White Man	5W	ITE PTCSI-STD Part 2 - March 2004
TP12A-EH	Outline - Portland Orange Hand	6W	ITE PTCSI-STD Part 2 - March 2004
TP12B-WM <sup>2</sup>	Full Symbol - Lunar White Man	8W	ITE PTCSI-STD Part 2 - March 2004 / ETL <sup>1</sup>
TP12B-EH	Full Symbol – Portland Orange Hand	7W	ITE PTCSI-STD Part 2 - March 2004 / ETL <sup>1</sup>
TP12G-HM	Overlay Outline – Portland Orange Hand / Lunar White Man	Hand – 6W Man – 6W	ITE PTCSI-STD Part 2 - March 2004
TP12H-HM	Overlay Full Symbol – Portland Orange Hand / Lunar White Man	Hand – 7W Man – 9W	ITE PTCSI-STD Part 2 - March 2004 / ETL <sup>1</sup>

<sup>1</sup>Intertek ETL Verified

<sup>2</sup>Available in 12Vdc as model number TP12B-WM-B1

## Standard Conformance



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

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