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**Model  
LEDP-HMC-001**
**LED Pedestrian  
Hand/Man Module  
with LED  
Countdown**



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**Features & Benefits**
**► NEW!**

- Compatible with most 400mm Pedestrian Signal Housings
- Seven-segment countdown display and Hand/Man symbols use latest in energy efficient LED technology
- User selectable modes provide countdown for Walk and/or Pedestrian Clearance cycles
- Provides uniform light dispersion of Hand/Man symbols minimizing LED "pixel" effect
- Hand/Man symbols conform to all applicable ITE and Caltrans electrical requirements
- Available installed in housing or as easy-to-install retrofit kit
- Reduced maintenance. No special tools needed to install

With increases in automobile traffic comes an increased demand for pedestrian safety. To meet this growing need, PWS presents the new LED Pedestrian Hand/Man Module with LED Countdown. Utilizing innovative design and the latest in LED technology, the LEDP-HMC-001 combines highly visible Hand/Man symbols with an easy-to-read countdown display providing a variety of countdown modes for Walk or Pedestrian Clearance cycles.

Manufactured under the industry-leading Indicator Controls brand, the module also offers all the energy-saving and low maintenance benefits of LED.

The new LED Ped Hand/Man Countdown Module from PWS . . . putting pedestrian safety first!

**ISO 9001**
**Certified Manufacturer**


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[www.pwssigns.com](http://www.pwssigns.com)

## ▼ Specifications

Voltage Range .....80V to 135V AC; normal 120 V AC  
(less than 10% variation in intensity)

Power .....9 watt Hand; 5.5 Watt Man; aver. 10 watt digits

Operating Temperature ..... -40°C to +74°C

Storage Temperature ..... -40°C to 93°C

Power Factor Correction ..... > 0.90

Total Harmonic Distortion ..... < 20%

Brightness  
Hand (minimum intensity) ..... > 3750 cd/m<sup>2</sup>  
Man (minimum intensity)..... > 5300 cd/m<sup>2</sup>

Color.....Hand/Digits - Portland Orange; Man - Lunar White

Wavelength Nominal.....Hand/Digits - 605 nm; Man - n/a

Dimensions.....450 x 400 x 112mm

Weight .....2.5kg

- Seven segment LED digits provide countdown for Walk and/or Pedestrian Clearance cycles.
- Countdown logic circuitry uses AC power input to derive timing data for the intersection.
- User selectable modes for countdown functions (See Display Mode Table).
- Hand/Man symbols conform to all applicable ITE and Caltrans requirements.
- Meets the NEMA Standard TS2 for voltage surge protection.
- Fuse and transient suppressor incorporated for line and load protection.
- LEDs interconnected to minimize effect of LED failure.

- Meets the FCC regulations regarding emission of electronic noise.
- Special configuration overlays Hand and Man symbols while providing clear and distinct illumination when either symbol is in use.
- Compatible with most load switches, flashers, and conflict monitors and controllers.
- Incorporates advanced temperature compensation to ensure uniform luminance over the full operating temperature range.
- Fully encapsulated in dust and moisture-tight enclosure made of ABS plastic.
- Meets or exceeds NEMA Moisture Resistance STD 250-1991 for Type 4 enclosures (ITE 6.4.6.2 Moisture Resistance).
- Compatible with most 400mm Pedestrian Signal Housings.
- Available complete with housing or as easy-to-install retrofit kit.
- Easy installation, no tools required.
- Reduced maintenance.
- Outlasts incandescents and neon.
- Maximum cost effectiveness through low power consumption and high power factor.
- Utilises latest AlInGaP and InGaN technology

## ▼ Warranty

The LED Pedestrian hand/man module shall have a warranty of two (2) years against manufacturing defects.

### Display Mode Table:

MODE	COUNTER DISPLAY		
	Don't Walk	Walk	Flashing Don't Walk
0	Blank	Blank	Blank
1	Blank	Countdown	
2	Blank	Countdown	Countdown
3	Blank	Blank	Countdown
4	Blank	Countdown	Blank
5	Blank	Countdown with flashing display during Pedestrian Clearance	
6	Blank	Countdown	Flashing Countdown
7	Blank	Blank	Flashing Countdown

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