Overview

With increases in automobile traffic come correspondingly high needs for features that increase pedestrian safety. To meet this growing need, Peek Traffic Corporation provides the LED Pedestrian Hand / Man Module with LED Countdown, also known as the Model LEDP-HMC-002 Countdown Ped Signal.

Utilizing innovative design and the latest in LED technology, the LEDP-HMC-002 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 LED Ped Hand / Man Countdown Module from Peek Traffic put pedestrian safety first.

Features and Benefits

- Compatible with most 16” pedestrian Signal housings
- Seven-segment countdown display and Hand / Man symbols
  Use the latest in energy efficient LED technology
- User selectable modes provide countdown for walk and/or Pedestrian Clearance cycles
- Optional factory-preset modes of operation with no external switches
- Provides uniform light dispersion of Hand / Man symbols minimizing LED “pixel” effect.
### Features and Benefits

- Hand / Man symbols conform to all applicable ITE and Caltrans electrical requirements.
- Complies with MUTCD requirements
- Available installed in housing or as easy - to - install retrofit kit
- Reduced maintenance, no special tools needed to install

### General Specifications

**Voltage range**: 80V to 135V AC; normal 120V AC  
Less than 10% variation in intensity

**Power**  
10 Watt; 7 Watt Man; aver. 3 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/m²  
Man (minimum intensity) > 5300 cd/m²

**Color**  
Hand/Digits – Portland Orange;  
Man – Lunar White

**Wavelength nominal**  
Hand/Digits – 605 nm; Man – n/a

**Dimensions**  
18” x 16” x 4.5”

**Weight**  
5 lbs

### Functions & Attributes

- 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 or optional factory preset modes for countdown functions (see display mode table)
- Hand/MAN symbols conform to all applicable ITE and Caltrans requirements
- Meets NEC Ts2 standard for voltage surge protection
- Special configuration eliminates LED “hot spots” and 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 compensations 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)
- Outlasts incandescent and neon
- Maximum cost effectiveness through low power consumption and high power factor
- Utilizes latest AlInGaP and InGaN technology

<table>
<thead>
<tr>
<th>User selectable Mode</th>
<th>Factory Preset Mode</th>
<th>Counter Display</th>
</tr>
</thead>
<tbody>
<tr>
<td>(LEDP-HMC-001)</td>
<td>DOE</td>
<td>DON'T WALK</td>
</tr>
<tr>
<td>0</td>
<td>N/A</td>
<td>Blank</td>
</tr>
<tr>
<td>1</td>
<td>LEDP-HMC-001A</td>
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</tr>
<tr>
<td>2</td>
<td>LEDP-HMC-001A</td>
<td>Countdown</td>
</tr>
<tr>
<td>3</td>
<td>LEDP-HMC-001A</td>
<td>Countdown</td>
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<tr>
<td>4</td>
<td>LEDP-HMC-001A</td>
<td>Countdown</td>
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<td>5</td>
<td>LEDP-HMC-001A</td>
<td>Countdown</td>
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<td>6</td>
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<td>Countdown</td>
</tr>
<tr>
<td>7</td>
<td>LEDP-HMC-001A</td>
<td>Countdown</td>
</tr>
</tbody>
</table>

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