

# Countdown Pedestrian Signals



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

Utilizing innovative design and the latest LED technology, the LEDP-HMC-002 combines high 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 Indicators 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 puts 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
- 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

## Functions and Attributes

- 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).
- Meets NEMA 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 AllnGaP and InGaN technology.

## General Specifications

Voltage range	80V to 135V AC; normal 120AC Less than 10% variation in intensity
Power	10 Watt; 7 Watt Man; 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) > 3750cd/m <sup>2</sup> Man (minimum intensity) > 5300 cd/m <sup>2</sup>
Color	Hand/Digits-Portland Orange Man- Lunae White
Wavelength	Hand/Digits- 605nm; Man -n/a nominal
Dimensions Weight 5 lbs.	18" x 16" x 4.5"

User Selectable mode (LEDP-HMC-002)	Factory Preset Mode	Counterdisplay		
		Walk	Don't Walk	Flashing Don't Walk
0	N/A	Blank	Blank	Blank
1	LEDP-HMC-002A	Blank	Countdown	Countdown
2	LEDP-HMC-002B	Blank	Blank	Blank
3	LEDP-HMC-002C	Blank	Countdown	Countdown
4	LEDP-HMC-002D	Blank	Countdown	Countdown
5	Available on request	Blank	Countdown with flashing display during pedestrian clearance	
6	Available on request	Blank	Countdown	Flashing countdown
7	Available on request	Blank	Blank	Flashing countdown



Peek Traffic Corporation  
A Signal Group Company  
5401 N Sam Houston Pkwy W 77086  
(281)453-0200  
www.peaktraffic.com

About Signal Group – covers a broad range of quality turnkey traffic control products and services. Signal Group products have helped to make motorists around the world safer and their travels more pleasant and efficient. This expertise, experience, and breadth of product lines has made Signal Group one of the most respected and recognized leaders in the traffic control marketplace. The information contained in this publication is presented for informational purposes only, and while every effort has been made to ensure its accuracy, the information is not to be construed as warranty or guarantee, express or implied, regarding the products or services described herein or their use or applicability. No license is granted by implication or otherwise to any of Signal Group's intellectual property. Signal Group reserves the right to alter or revise any of its products or published technical data related thereof at any time without notice. ©2012 Signal Group.