

## Solar Series Pedestrian Activated Crosswalk Beacon: 1400 Series

CE & UL CERTIFIED ELECTRICAL COMPONENTS



The Solar Series Pedestrian Activated Crosswalk Beacon is an ideal solution for crosswalks and other pedestrian activated traffic systems where advanced warning and heightened visibility is required. The 1400 Series Pedestrian Activated Beacons can be activated via push button or remotely scheduled to operate during peak hours of pedestrian traffic, and can be paired with additional units designed to operate together via wireless control communication. The 1400 Series Beacons are completely autonomous, alleviating any need for external wiring, power inputs, trenching or cabling. With no need for external power input, all units can be installed within minutes, decreasing the cost of installation, maintenance and operation. With various LED and Housing colours, System Sizes and Single or Dual Beacon set-up, the Solar Series Pedestrian Activated Crosswalk Beacons can be customized to meet the exact needs of each and every project.

### APPLICATIONS

<b>Crosswalks</b>	Great for any mid-block or uncontrolled crosswalk
<b>Fire Stations</b>	Give your emergency vehicles a chance to enter the roadway by alerting drivers
<b>Parking Lots</b>	From shopping malls to private industrial sites, they are all a hazard for pedestrians
<b>Construction Sites</b>	Aid pedestrians in crossing away from construction sites and closed sidewalks
<b>College Campuses</b>	Busy and packed with pedestrians

### BENEFITS

<b>High Quality</b>	Designed and manufactured in North America
<b>Clean Technology</b>	Solar-powered and wireless to save on power bills and end roadway trenching
<b>Flexible</b>	Adjustable flash pattern to meet regulatory requirements
<b>Reliable</b>	Energy management system to ensure operation under all environmental conditions
<b>Simple</b>	Installs in minutes to minimize traffic disruption and allow for relocation and re-purposing
<b>Elegant</b>	Self-contained, cabinet-free, discrete design to enhance streetscapes and inhibit vandalism

# SPECIFICATIONS

## OPTICAL

Configuration	Pedestrian Activated Crosswalk Beacon
Output	Visible
Visible LED Light	● Amber
LED Size	8" or 12" diameter (200 mm or 300 mm)
Auto brightness	6 stages of brightness for different light conditions and battery levels

## OPERATION & COMMUNICATION

Push Button Activation	Manually activated by pedestrians via push button
Wireless Communication	ISM spread spectrum radio, 902-928 MHz. Up to 800 m with line of sight

## MECHANICAL

Mounting	Round Pole: 2", 3", 4.5" Square Post 4", 6", 4"x6"
Chassis & Solar Engine	6061-T6 powder coated aluminum
Signal Housing	Polycarbonate
Housing Color	Yellow, green or black (custom colors are also available)
Solar Engine Measures	14 3/4" (38 cm.) x 15 3/4" (40 cm.)
Solar Engine Weight	Approx 34 lbs. (15 kg)

## ELECTRICAL

Operating Voltage	12 VDC
Autonomy	30 days minimum
Solar Panel	20 Watts
Alternate Power	AC / Solar hybrid available AC-Only available
Certification	CE and UL certified electrical components FHWA MUTCD compliant

## ENVIRONMENTAL

Operating Temperature	-40°C to +74°C
Humidity	0% to 100%

## WARRANTY & LIFE EXPECTANCY

Warranty	5 year Limited Warranty for defects in workmanship and materials (excludes batteries and vandalism)
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