

Solar Series Pedestrian Activated Crosswalk Beacon: 2400 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. Activated via push button or remotely scheduled to operate during peak hours of pedestrian traffic, the 2400 Solar Series Beacons can be paired with additional units designed to operate together via wireless control communication. With no need for external power input, electrical wiring, trenching or cabling, 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

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

BENEFITS

High Quality	Designed and manufactured in North America
Clean Technology	Solar-powered and wireless to save on power bills and end roadway trenching
Flexible	Adjustable flash pattern to meet regulatory requirements
Reliable	Energy management system to ensure operation under all environmental conditions
Simple	Installs in minutes to minimize traffic disruption and allow for relocation and re-purposing
Elegant	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: 3.5", 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 30 7/8" (78 cm.)
Solar Engine Weight	Approx 65-71 lbs. (29-32 kg)

ELECTRICAL

Operating Voltage	12 VDC
Autonomy	30 days minimum
Solar Panel	40 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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