

## Solar Series Pedestrian Activated Crosswalk Sign: 5800 Series

CE & UL CERTIFIED ELECTRICAL COMPONENTS



The Solar Series Pedestrian Activated Crosswalk Sign is an ideal solution for crosswalks and other pedestrian activated traffic systems where advanced warning and heightened visibility is required. The 5800 Series Signs 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 5800 Series Signs are completely autonomous, alleviating any need for external wiring, power inputs, trenching or cabling, allowing all units to be installed within minutes, decreasing the cost of installation, maintenance and operation. With various LED and Housing colours, System Sizes and Single or Dual Faced set-up, the Solar Series Pedestrian Activated Crosswalk Signs 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 / Size 0.75" (20mm)
LED Intensity Option	Peak Intensity 132 lumens, compliant with FHWA MUTCD
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", 3.5", 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)
Sign Measures	24", 30", 36" or 48"
Solar Engine Measures	13 1/4" (36 cm.) x 30 7/8" (78 cm.)
Solar Engine Weight	Approx 53 lbs. (24 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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