

Solar Series Dual Rectangular Rapid Flashing Beacon: 9400 Series

CE & UL CERTIFIED ELECTRICAL COMPONENTS



The Solar Series Dual Rectangular Rapid Flashing Beacon (RRFB): 9400 Series is an ideal solution for crosswalks and other pedestrian activated traffic systems where advanced warning and heightened visibility is required. The 9400 Series Dual RRFB units can be activated via push button or remotely scheduled to operate during peak hours of pedestrian traffic with the option to be paired as additional units operating together via wireless control communication. The 9400 Series Dual RRFBs are completely autonomous, alleviating any need for external wiring, power inputs, trenching or cabling. All units can be installed within minutes, decreasing the cost of installation, maintenance and operation.

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, pedestrian hazards are frequent
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 saves on power bills and eliminates 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, minimizes traffic disruption, allows 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 or ● Red
Tell-tale LED	Amber, approx - 1" x 2"
Auto brightness	Auto brightness for nighttime conditions (no daytime dimming)

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" - 8" 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	13 1/4" (34 cm.) x 30 7/8" (78 cm.)
Solar Engine Weight	Approx 68 lbs. (31 kg)

ELECTRICAL

Operating Voltage	12 VDC
Autonomy	20 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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