

Solar Series Rectangular Rapid Flashing Beacon: g200 Series

CE & UL CERTIFIED ELECTRICAL COMPONENTS



The Solar Series Rectangular Rapid Flashing Beacon (RRFB) is an ideal solution for crosswalks and other pedestrian activated traffic systems, where heightened visibility is required. All Solar Series RRFB units are self charging, self contained and self sufficient, designed to improve visibility and safety of crosswalks as many other traffic safety requirements. The g200 Series RRFB's are completely autonomous and communicate with spread spectrum radio, 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 RRFBs 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 activation duration to meet the needs of various traffic conditions
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	24/7 Flashing Beacon
Output	Visible
Visible LED Light	● Red or ● Amber
LED Size	Amber, approx – 1" x 2"
Auto brightness	Auto brightness for nighttime conditions (no daytime dimming)

MECHANICAL

Mounting	Poles: 2" – 8" Side mounting
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 59 lbs. (27 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)
----------	---

