

## Solar Series LED 24 Hour Flashing Beacon: 2400 Series

CE & UL CERTIFIED ELECTRICAL COMPONENTS



The Solar Series LED 24 Hour Dual Flashing Beacons are a line of self charging, self contained signals, designed to improve visibility and safety of traffic requirements. The Solar Series LED Flashing Beacons are completely autonomous, alleviating any need for external wiring, power inputs, trenching or cabling. With no need for external power input or wiring, they are easily installed within minutes, decreasing the cost of installation and maintenance. LED Flashing Beacons can be customized to meet the needs of each individual project. Various housing and LED colours, system sizes and flash patterns can all be specified exactly to user requirements.

### APPLICATIONS

<b>Stop Signs</b>	Draw attention to stop signs that go unnoticed by drivers
<b>Warning Signs</b>	Accent warning signs that convey critical information
<b>New Signs</b>	Highlight new signs for the first few weeks following installation
<b>Speed Reduction Signs</b>	Emphasize traffic speed signs in special zones or at transition points
<b>Construction Zones</b>	Enhance construction workers safety

### 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

<b>Configuration</b>	24/7 Flashing Beacon
<b>Output</b>	Visible
<b>Visible LED Light</b>	● Red or ● Amber
<b>LED Size</b>	8" or 12" diameter (200 mm or 300 mm)
<b>Auto brightness</b>	6 stages of brightness for different light conditions and battery levels

## MECHANICAL

<b>Mounting</b>	Round Pole: 2", 3", 4.5" Square Post 4", 6", 4"x6"
<b>Chassis &amp; Solar Engine</b>	6061-T6 powder coated aluminum
<b>Signal Housing</b>	Polycarbonate
<b>Housing Color</b>	Yellow, green or black (custom colors are also available)
<b>Solar Engine Measures</b>	14 3/4" (38 cm.) x 30 7/8" (78 cm.)
<b>Solar Engine Weight</b>	Approx 70 lbs. (32 kg)

## ELECTRICAL

<b>Operating Voltage</b>	12 VDC
<b>Autonomy</b>	30 days minimum
<b>Solar Panel</b>	40 Watts
<b>Alternate Power</b>	AC / Solar hybrid available AC-Only available
<b>Certification</b>	CE and UL certified electrical components FHWA MUTCD compliant

## ENVIRONMENTAL

<b>Operating Temperature</b>	-40°C to +74°C
<b>Humidity</b>	0% to 100%

## WARRANTY & LIFE EXPECTANCY

<b>Warranty</b>	5 year Limited Warranty for defects in workmanship and materials (excludes batteries and vandalism)
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