



24/7 Solar Flashing Beacon

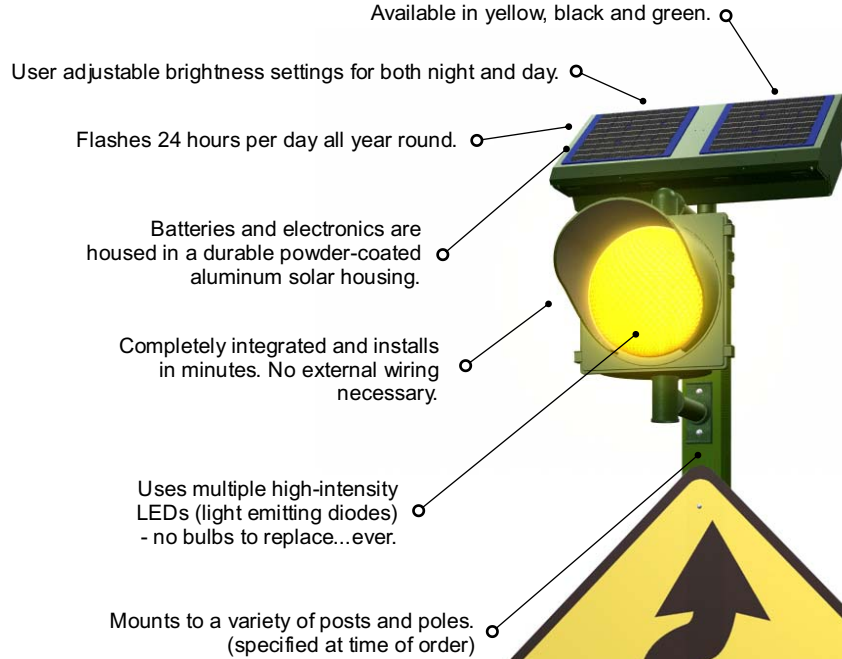
S O L A R R O A D W A Y L I G H T

Typical Applications

- Enhancing all types of roadway signs (stop, yield, wildlife, dangerous corners, etc.)
- Marking Temporary and permanent road barricade marking
- Flashing flagger
- Enhancing safety at construction and detour zones
- Indicating bridge and tunnel entrances
- Marking hazards and Infrastructure at industrial sites

Features & Benefits

- MUTCD compliant
- ITE compliant signal head
- Peak intensity of 400 candela
- Available in amber or red color with 8" or 12" lens
- 55 flashes per minute (0.55 seconds on / 0.55 seconds off)
- Designed to operate reliably in harshest of environmental conditions
- Installation takes minutes and requires minimal technical expertise
- Vandal-resistant integrated design
- Provides up to five years of operation with no maintenance or servicing
- Will charge under nearly all weather conditions
- Up to 40 days autonomy at 124 candela
- Manufactured under ISO: 9001 Quality Assurance Practices
- 30 day satisfaction guarantee and three year warranty



The Carmanah Model R247 is a solar-powered LED flashing beacon. Unique in the world of hazard markers and sign enhancers, the R247 flashes 24 hours per day all year round, yet it installs in minutes and requires no maintenance or servicing for up to five years.

Typical Applications

Built to rigorous industrial quality standards, the Model R247 is designed for temporary or permanent installation on a post, sign, barricade, etc. Unlike conventional permanent mount 24 hour flashers, it is completely self-contained and does not require electrical wiring or maintenance or frequent battery replacement.

Even in urban areas, the R247 is far more cost-effective than hardwired lighting; it can be installed in minutes without construction, trenching or traffic disturbance.

The Technology

Utilizing an innovative combination of solar power and LED (light emitting diode) technology, the R247 charges during the day, even under cloudy conditions, and emits a constant 55 flashes per minute all year round. User adjustable brightness settings to accommodate different applications.

The R247 is extraordinarily robust when compared to other solar-powered lighting products. Its housing is constructed using powder-coated aluminum and its solar panel is encased in a unique polymer, ensuring the unit will withstand even the harshest of environmental conditions.

The R247 also features intelligent electronics that ensure long life for both the batteries and LEDs.

30-Day Risk-Free Evaluation

Order an R247 today and evaluate the product's quality, performance and reliability for yourself. If you are not fully satisfied, you can return it within 30 days for a refund of the purchase price.

No external wiring, no trenching, no battery or bulb replacement, no maintenance, no worries...

Model R247





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SPECIFICATIONS

OPERATION

Flash pattern MUTCD compliant

LED SIGNAL MODULE

Standard ITE VTCSH-STD Part 2 Compliant*
 Size 12" (300 mm) diameter

ENVIRONMENTAL

Optimal ambient range -20° to +25° C (-4° to 77° F)
 Maximum ambient temperature range -40° to +80° C (-40° to 176° F)
 Solar requirements: maximum installation latitude 55 Deg N / S

ENERGY MANAGEMENT SYSTEM

Battery lifespan 5-8 years (field replaceable)
 Operation capacity without solar charging 30 days

MOUNTING HARDWARE

Standard Pelco traffic signal mounting hardware
 Optional Mounting bracket for square pole (see below)

QUALITY STANDARDS

Quality standards ISO 9001:2000 Certified Manufacturer

WARRANTY

3 year pro-rated warranty on entire system including batteries

* Actual intensity less than ITE specification
 All specifications are subject to change without notice.



Carmanah

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R247 24 Hour Flasher installed on Canada's Transcanada Highway as part of the Yoho Bridge Project. Photo submitted November 10, 2004, by Peter Kiewit Sons', Inc.

Model R247

THE LEADER IN SOLAR LED LIGHTING SOLUTIONS

