



Improve Safety

The Carmanah R247 is a solar-powered LED flasher that is unique in the world of hazard markers and sign enhancers. It is designed to provide enhanced safety virtually anywhere the sun shines, for a broad range of traffic safety-related applications. This ultra-compact, self-contained system powers an industry standard LED signal module for reliable, maintenance-free operation 24 hours per day, 365 days per year.

Complete Solution

The R247 is built using Carmanah's core energy management system, a technology proven in more than 250,000 installations in 110 countries.

The R247 assembly includes the solar panel and electronics, all housed in a compact enclosure located above the ITE and MUTCD compliant LED module (single or dual). A separate control cabinet is therefore not required. The entire unit can be installed in minutes to existing sign posts in the field. The compact, one-piece design all but eliminates installation costs.

The R247 eliminates the need for external wiring, trenching, battery or bulb replacement, and maintenance for five (5) years...

Quality is Assured

Carmanah manufactures in accordance with ISO 9001:2000 Quality Standards. The R247 is backed by a 3-year warranty.

Typical Applications include:

- Enhancing all types of roadway signs (stop, yield, wildlife, dangerous corners, etc.)
- 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

30-Day Risk-Free Evaluation

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



CHANGE THE WORLD WITH US™

SPECIFICATIONS

OPERATION

Flash pattern MUTCD compliant

LED SIGNAL MODULE

Standard ITE VTC SH LED circular signal supplement*
 Size 12" (300 mm) diameter
 8" (200 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° North / South

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 certification ISO 9001:2000 Certified Manufacturer

WARRANTY

Term 3-year pro-rated warranty (including batteries)

* Meets all requirements for flashing beacons required by MUTCD, chapter 4D.18
 All specifications are subject to change without notice.

REPRESENTED BY

Greg Miller

*Business Development Manager,
Roadway Division (West)*

✉ gmiller@carmanah.com

☎ Toll-Free: 1-877-722-8877 (North America)
 Worldwide: +1 (250) 380-0052

☎ Fax: +1 (250) 389-0040

🌐 www.roadlights.com

Mat Regier

*Business Development Manager,
Roadway Division (East)*

✉ mregier@carmanah.com

☎ Toll-Free: 1-877-722-8877 (North America)
 Worldwide: +1 (250) 380-0052

☎ Fax: +1 (250) 389-0040

🌐 www.roadlights.com

Contact Carmanah for detailed written specifications on this product.



Optional single or dual flasher configuration

Carmanah is a Canadian public corporation
 TSX: CMH

© 2007 Carmanah Technologies Corp.
 "Carmanah" and Carmanah logo are trademarks
 of Carmanah Technologies Corp.
 Document: SPC_ROAD-R247_vF

