



The Model R247C is the most advanced 24-hour solar flasher available. Ultra-compact and self-contained, the R247C powers an industry standard LED traffic signal head for reliable, maintenance-free operation 365 days per year.

Improves Safety

The R247C flashes 24 hours per day and is designed to provide enhanced safety for a broad range of traffic applications. This system helps improve driver awareness by drawing attention to road obstructions, stop signs, traffic pattern changes and other road hazards that are especially critical in poor weather conditions.

Complete Solution

The R247C is built using Carmanah's core energy management system, a technology developed and refined over more than a decade. The system automatically adjusts to prevailing solar conditions to ensure continuous, dependable operation.

The R247C assembly includes the solar panel and electronics, all housed in a compact enclosure located above the MUTCD-compliant traffic signal module. A separate control cabinet is not required. The entire unit mounts to 2" sign posts or to larger pole structures and can be installed in minutes to existing sign posts in the field. This quick simplified installation process contributes to considerable cost savings.

Quality is Assured

Carmanah manufactures in accordance with ISO 9001:2000 Quality Standards. The R247C is also backed by a 12-month limited warranty.

Optional Wireless Activation

The R247C can be activated by an optional long-range wireless radio to provide remote activation on demand. This is ideal for applications including Emergency Management Systems (EMS), Intelligent Transportation Systems (ITS) and Highway Advisory Radios (HAR).

Cost Effective Installation

The R247C installs on an existing sign post in minutes and significant savings are achieved during installation as the unit requires no external power, trenching, cabling or disruption to traffic flow. Even the process of obtaining power connection permits and underground checks is eliminated.

Typical Applications include:

- Warning signs
- Stop signs
- Medians
- Enhancing safety and marking hazards and infrastructure at construction and industrial sites
- Indicating bridge and tunnel entrances

The R247C eliminates the need for external wiring, trenching, or maintenance, and no battery or bulb replacement for five years...



CHANGE THE WORLD WITH US™

SPECIFICATIONS

OPERATION

Flash pattern MUTCD compliant
Alternative flash patterns available

LED SIGNAL MODULE

Standard ITE VTCSH LED circular signal supplement*
Size 12" (300 mm) diameter
8" (200 mm) diameter

ENVIRONMENTAL

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

ENERGY MANAGEMENT SYSTEM

Battery lifespan 5-8 years (field replaceable)

MOUNTING HARDWARE

Bracket options for standard sign posts 2" square, 2 1/2" round, 4 1/2" round
Pelco traffic signal mounting hardware

QUALITY STANDARDS

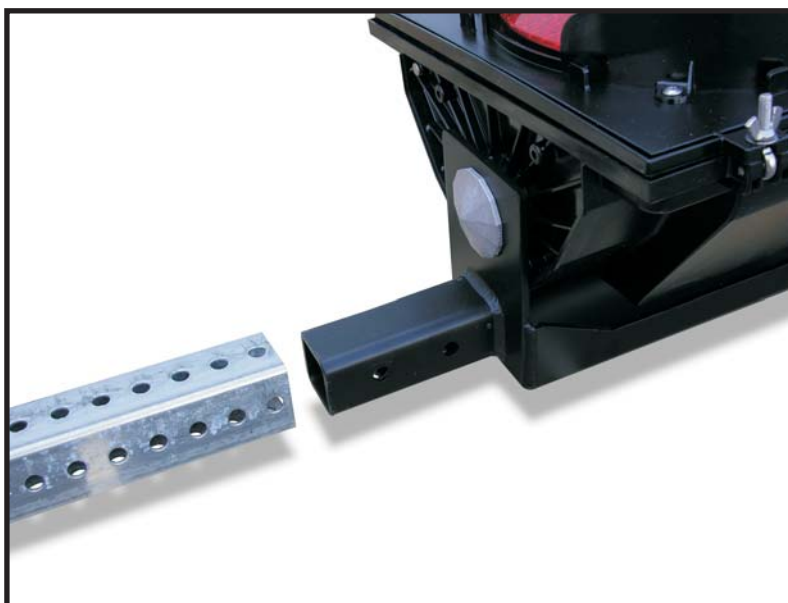
Quality certification ISO 9001:2000 Certified Manufacturer

WARRANTY

Term 12-month limited warranty (including batteries)

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

Contact Carmanah for detailed written specifications on this product.



Installs in minutes to 2" square or round sign post



4.5" round sign post
installation

REPRESENTED BY

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