

# Solar-Powered 24/7 Flasher - R247C



## Improve Safety

The R247C is the most advanced 24-hour solar flasher available. It is designed to provide enhanced safety for a broad range of traffic applications. This ultra-compact, self-contained system powers an industry standard LED traffic signal head for reliable, maintenance-free operation 365 days per year.

## Complete Solution

The R247C is built using Carmanah's core energy management system, a technology proven in more than 250,000 installations in 110 countries. 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 ITE and MUTCD compliant traffic signal module. A separate control cabinet is not required. The entire unit mounts on 2" square or 4.5" round post, and can be installed in minutes to existing sign posts in the field. The compact, one-piece design all but eliminates installation costs.

## Quality is Assured

Carmanah manufactures in accordance with ISO 9001:2000 Quality Standards. The R247C is also backed by a 3-year warranty

## 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.

This self-contained system powers one or two industry standard 12" LED signal heads, and can be installed on a standard sign post.

## Typical Applications include:

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

## 30-Day Risk-Free Evaluation

Order an R247C 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.

***No external wiring, no trenching,  
no battery or bulb replacement,  
no maintenance for five (5) years...***



Model R247C

CHANGE THE WORLD WITH US™

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www.carmanah.com



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## SPECIFICATIONS

### OPERATION

Flash pattern MUTCD compliant  
Alternative flash patterns available

### 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 49 Deg N / S\*\*

### ENERGY MANAGEMENT SYSTEM

Battery lifespan 5-8 years (field replaceable)

### MOUNTING HARDWARE

Bracket options for standard sign posts 2 1/2" Schedule 40 Pipe  
2" Square perforated tubing (Telespar™ or equivalent)

### QUALITY STANDARDS

Quality standards ISO 9001:2000 Certified Manufacturer

### WARRANTY

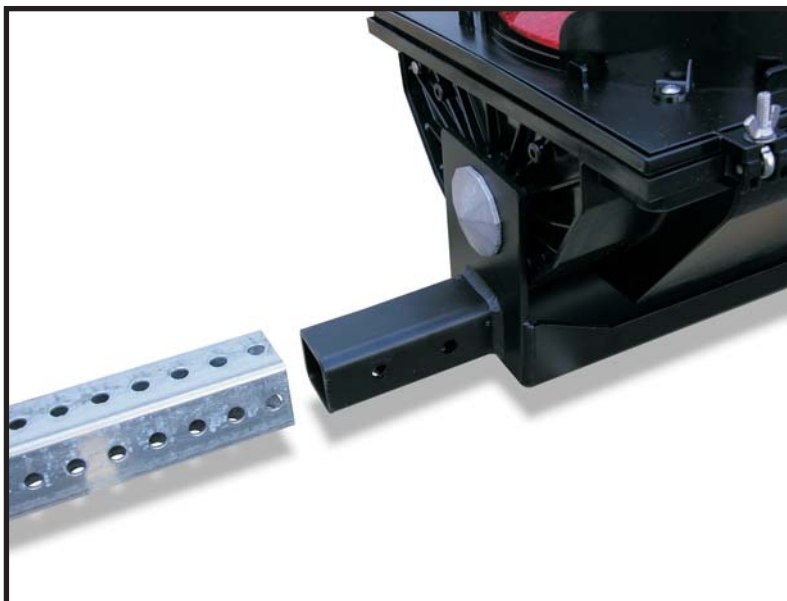
3 year pro-rated warranty on entire system including batteries

*Caution: Telespar is a trademark of Tyco / Allied tube*

*\* Actual intensity less than ITE specification*

*All specifications are subject to change without notice.*

*\*\* Specs based on locations with average daily insolation of at least 2 hours.  
Use the Carmanah R247 Model for installations outside of these parameters.*



Installs in minutes to 2" square or round sign post

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4.5" round sign post  
installation

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