# **R920-E**

### **Solar-Powered Rectangular Rapid Flashing Beacon Data Sheet**



Rectangular rapid flashing beacons (RRFBs) improve pedestrian safety by increasing yield rates to 72-96% at crosswalks\*:

- The benchmark for RRFBs, the R920-E meets MUTCD requirements, including IA-21, and is Buy America compliant
- ✓ Compact and lightweight solar engine
- Audible pushbutton activation with all ADA compliance features
- ✓ Solar Power Report<sup>™</sup> (SPR) prepared for every location to ensure battery longevity

#### **Superior Design and Technology**

The R920-E utilizes a self-contained solar engine integrating the Energy Management System (EMS) with an on-board user interface, housed in a compact enclosure together with the batteries and solar panel. MUTCD interim approval IA-21 flash pattern and multiple configurations enable the R920-E to handle all crosswalk applications.

#### **Easy Installation**

With its highly efficient and compact design, installation is quick and uncomplicated, dramatically reducing installation costs. Retrofitting can be done where existing sign bases are used to enhance existing marked crosswalks in minutes, and new installations can be completed without the cost of larger poles, new bases, and trenching.

#### **Advanced User Interface**

The R920-E comes with an on-board user interface for quick configuration and status monitoring. It allows for simple in-the-field adjustment of flash pattern, duration, intensity, ambient auto adjust, night dimming, and many more. Settings are automatically sent wirelessly to all units in the system.

#### Reliable

Every solar-powered model is solar-sized by location to ensure year-after-year operation. Carmanah includes a Solar Power Report to prove sustainability over a 12-month period.





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3 in (76 mm) x 7 in (178 mm) clear, UV-rated polycarbonate lens with yellow

Independent, stainless steel mounting brackets make back-to-back installation

High-power LEDs: +90% lumen maintenance (L90) based on IES LM-80

simple and enable in-field aiming for maximum effectiveness

Yellow, black, or green powder coated light bar covers

Side-emitting pedestrian confirmation LEDs

I FDs

Optical

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