

# EMERGENCY WARNING SYSTEM



The Emergency Warning System by Solar Lighting International, Inc. allows personnel to activate the Sign Alert using a wireless remote control which alerts traffic to emergency vehicles.

Solar Lighting Internationals' Emergency Warning Sign Alert comes standard with a remote control that works up to 700 feet away. The remote control communicates wirelessly with up to 4 sign alerts via the CrossTalk controller located in the control box. Once the "on" button is pushed, the Sign Alert will flash for the programmed amount of time allowing quick and easy departure and return.

Solar Lighting Internationals' solar panels utilize the most up to date solar technology and electronics to maintain power levels through rain, sleet, heavy snow or strong winds. A built-in blocking diode prevents the reverse flow of electricity.



**The remote control works up to 700 feet away**

## FEATURES

- ▶ *Simple installation*
- ▶ *Solar powered*
- ▶ *Visible day and night*
- ▶ *Smart solar charger*
- ▶ *Automatic light output for maximum efficiency*
- ▶ *Super bright LEDs*
- ▶ *Compact battery box*
- ▶ *Ultra slim design*
- ▶ *Remote controlled*
- ▶ *Weatherproof enclosure*



NCHRP 350 Crash Tested and Accepted (National Cooperative Highway Research Program)



Meets ITE Standards (Institute of Transportation Engineers )



Meets MUTCD (Manual on Uniform Traffic Control Devices)

## CrossTalk

### All-in-one Solar Controller, Flasher, and Auto-Dimmer.

- ✓ Optional Wireless Control
- ✓ Small compact design
- ✓ Adjustable Duty Cycle
- ✓ Multi-Stage Battery Charger
- ✓ Adjustable Sec/Min/Hr Timer
- ✓ Maximum Power Point Tracking



- ▶ All controls are enclosed in a protective aluminum control box located under the solar panel.
- ▶ All wiring is concealed inside the sign to ensure protection.
- ▶ Wireless remote control can be conveniently located in emergency vehicles, in base station, or on personnel.
- ▶ LED lighting for low energy consumption, but maximum light output.
- ▶ CrossTalk provides for control of multiple sign alerts in multiple locations from a desktop and/or mobile device.
- ▶ Replacement battery can be purchased "off the shelf."
- ▶ Multi-stage battery charger included.
- ▶ Lightweight design
- ▶ Easy Installation

## Wireless Remote

Range: 700ft

## Compact Control Cabinet/Solar Panel

Our systems come standard with a compact control cabinet housed under the solar panel. Inside, it's an 18 amp off the shelf battery (included). Access the control box by removing the bolts and removing the the solar panel. The compact control cabinet makes the ECO Beacons simple to install, lightweight, and easy for one person to handle.

**Solar:** (1) 20 watt solar panel

**Construction:** .063 aluminum

**Seal:** Weather resistant

**Access:** Bolted

**Weight:** 15lbs

**Size(LxWxD):** 7.5" x 11.25" x 4"



Front View



Side View



Inside

## Model SLI-ECO-RRFB Specifications

Emergency Vehicle Rectangular Rapid Flashing Beacon

(Meets MUTCD & ITE Standards)

|                        |  |          |                           |
|------------------------|--|----------|---------------------------|
| <b>Solar Panel</b>     | Maximum Power                          | (P max)  | 20W                       |
|                        | Voltage at Pmax                        | (V mp)   | 17.3 V                    |
|                        | Current at Pmax                        | (IMP)    | 1.16 A                    |
|                        | Short-Circuit Current                  | (Isc)    | 1.29 A                    |
|                        | Open-Circuit Voltage                   | (Voc)    | 21.6 V                    |
| <b>Control Cabinet</b> | 7.5" x 11.25" x 4"                     | aluminum | located below solar panel |
| <b>Battery</b>         | (1)                                    | 18 amp   | included                  |
| <b>RRFB</b>            | Lighting Meets J595 for Class 1        |          |                           |
| <b>Optional</b>        | Additional RRFB with mounting hardware |          |                           |
|                        | Pole with mounting hardware            |          |                           |