

# **SOLAR FLASHER BEACON**

## **INSTALLATION AND TESTING CHECKLIST**

Before beginning installation please verify that you have the correct drawings for your Model. Installation and wiring diagrams as well as all supporting document can be found on our website at the specific model's webpage - [www.lightcastinternational.com](http://www.lightcastinternational.com)

### **Pre-installation check list**

Make sure the following equipment and tools are available prior to installation begins:

- Review Assembly drawings for reference and to determine necessary assembly tools
- Wiring diagrams for reference
- Small flathead (5/32") screw driver for tightening connections at Solar Charge Controller
- Compass to verify solar panel is facing south
- Multi-meter to check voltage and polarity
- Confirm installation will meet or exceed all local codes and ordinances

### **Installation Instructions**

- If necessary, install post or mounting structure
- Assemble unit according to assembly drawing
- Wire unit according to wiring diagram
- NOTE: Battery MUST be connected prior to Solar wire connection
- NOTE: If battery polarity is reversed, the Flasher module will be damaged

### **Post-installation check list:**

- Confirm all wiring connections are secure and tightened
- Confirm all mechanical connections and clamps are tight
- Confirm Solar panel is facing Due South at a 45 degree angle (must be exact for best performance)
- Confirm Battery is installed correctly (check polarity and voltage)
- Solar wiring is connected correctly (check polarity)
- If your model includes a timer, refer to the operating manual to determine if the System is working correctly.