

**Solar Powered LED Light Beacon - Class I - 30 Strobing Patterns - Day or Night Use - 100' Cord Reel**

Part #: SPLED-CL1B-GCR100-12.3



**Made in the USA**

The Larson Electronics SPLED-CL1B-GCR100-12.3 Solar Powered LED Beacon with 100' Cord Reel is a Class I, innovative lighting solution suited for applications requiring a high visibility strobing beacon capable of stand alone operation. This unit is visible for more than a mile and offers 30 different strobing patterns. This unit can be seen during the day or night. The SPLED-CL1B-GCR100-12.3 also features a 100' cord reel that is located between the solar panel and the beacon and that offers mounting versatility.

This Class I, Solar Powered LED beacon (strobing) light produces a brilliant strobing flash that is visible for distances of up to one mile. A 14.4 watt LED strobe light is powered by two 8aH sealed lead acid battery that is automatically recharged during daylight hours by a 30 watt solar panel. The 30 watt solar panel recharges the battery in 5 hours with direct sunlight and can power the beacon for 12 hours with a full charge. As with all solar powered equipment, charging time is affected by the amount of available ambient light. When ambient light levels drop below a certain level, such as on very cloudy days, the unit will not recharge.



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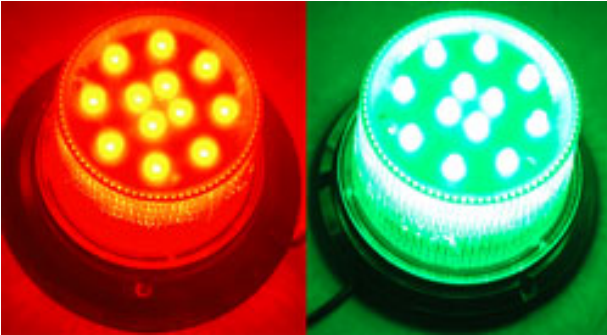


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The solar panel is weatherproof and designed to catch the maximum amount of sunlight possible when properly mounted. This solar panel is configured to operate non-stop 24/7, day/night with photocell, motion sensor for security purposes, on/off switch for manual operation, or flying leads for operators to connect to user provided external switches. The day/night and motion sensor is programmed to activate the solar panel in the evening and to shut it off during the day, activating the LED light when ambient lighting falls below 1 lux. The motion sensor will activate the panel upon detecting movement within range of the panel.

The sealed lead acid battery pack is contained within the solar panel, not the light. The mounting apparatus is designed to allow a variety of mounting options including flat surfaces such as a wall and square or round pole mounting. The beacon is connected to the panel by a retractable cord reel that provides flexibility for positioning of the solar panel and beacon into their respective optimum locations independently of each other.

The waterproof beacon with this unit has a black powder coated die cast base that contains a fully potted circuit board. A clear polycarbonate lens protects the LED assembly and the housing is waterproof, shock resistant and built for reliable and durable operation. The beacon consists of an LED lamp that draws only 1.2 amps and is capable of producing 30 different strobing flash patterns that are visible for more than one mile. The Class I, LED beacon offers several different mounting options. A standard 100lbs grip magnetic mount, 1" NPT pipe mount and a surface mount option. This unit can operate during daylight or night time operations.



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**Wiring:** The SPLED-CL1B-GCR100-12.3 is equipped with a cord reel that contains 100 feet of 12/3 SOOW cable. The cord reel is located between the solar panel and the LED beacon. The cord reel is designed for a lift/drag of up to 100FT of 12AWG/3C SOW/SOOW round cable. Reel with cable installed/tested comes with 100FT active travel plus an additional 2FT for safety wrap and hook up. This reel is UL Listed (UL/cUL), is constructed of durable steel, has a glossy blue powder coat finish and includes a ball stop and a ratchet with a lockout feature.

**Additional options:** Further options include larger batteries and different lights, additional mounting options and different length connecting cords. The SPLED-CL1B-GCR100-12.3 Solar Powered LED Beacon is an ideal solution for applications which require an effective obstacle/hazard/warning light, location strobe, attention getting or marker light that have limited or no access to external power sources such as in rural locations or marine environments.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

#### **Specifications / Additional Information**

##### **SPLED-CL1B-GCR100-12.3 Solar Beacon**

**Operation:** 24/7, On/Off, Day/Night, Motion, or Flying Leads

**Panel Dimensions:** 14.3"W x 27.89"L x 3.19"D

**Beacon Dimensions:** 4.5"H x 6.5"Diam

**Weight:** N/A

**LED Beacon Watts:** 14.4

**LED Beacon Amps/Hour:** 1.2

**Lumens:** 1,440

**Luminous Efficiency:** 100 Lumens per Watt

**Lighting Configuration:** Strobming Flash

**Wiring:** Powder Coated Cord Reel w/ 100` 12/3 SOOW Cable

**Visibility:** Up To One Mile

**Ambient Temp:** -45°C to +55°C

**Runtime:** 12 Hours

##### **SPLED-CL1B-GCR100-12.3 Features**

SAEJ845, Class 1- Brightest Rating

Magnetic Mount Beacon

Multi-Strobe Pattern Options

Waterproof

Solar Panel w/ 16 Amp Rating

Cord Reel w/ 100` 12/3 SOOW Cable

##### **Special Orders- Requirements**

Contact us for special requirements

**Charging Time:** 5 Hours

**Toll Free:** 1-800-369-6671

**Battery:** (2) 8aH sealed lead acid batteries

**Intl:** +01-903-498-3364

**Beacon Mounting:** Surface Mount, 1" NPT Pipe Mount, 100lbs Grip  
Magnetic Mount

**Fax:** 1-903-498-3364

**Panel Mounting:** Surface or Pole

**E-mail:** sales@larsonelectronics.com

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Part #: SPLED-CL1B-GCR100-12.3 (146926)

Options:

SPLED-CL1B-GCR100-12.3- OPERATION - LED COLOR - MOUNT

Example: SPLED-CL1B-GCR100-12.3-24.7-Amb-PM

OPERATION		LED COLOR		MOUNT	
24/7	-24.7	Amber	-Amb	1 inch Pipe Mount	-PM
On/Off	-On.Off	White	-Wht	Surface Mount	-SFC
Day/Night	-Day.Night	Blue	-Blu	Magnet Mount	-M
Night/Day	-Night-Day	Red	-Red		
External	-Leads	Green	-Grn		
Motion	-Motion				











Links (Click on the below items to view):

- [MSDS](#)
- [Hi-Res Image 1 - Solar Powered LED Light Beacon](#)
- [Hi-Res Image 2 - Solar Powered LED Light Beacon](#)
- [Hi-Res Image 3 - Solar Powered LED Light Beacon](#)
- [Hi-Res Image 4 - Solar Powered LED Light Beacon](#)
- [Hi-Res Image 5 - Solar Powered LED Light Beacon](#)
- [Hi-Res Image 6 - Solar Powered LED Light Beacon](#)