

SPLED-CL1B

Solar Powered LED Light Beacon - Class I - 30 Strobing Patterns - Day or Night Use

Product ID: 49592

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

SPLED-CL1B 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: Strobing Flash

Visibility: Up To One Mile

Ambient Temp: -45°C to +55°C

Runtime: 12 Hours

Charging Time: 5 Hours

Battery: (1) 20aH Lithium Iron Phosphate (LiFePO4) battery

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

Panel Mounting: Surface or Pole

SPLED-CL1B Features

SAEJ845, Class 1- Brightest Rating

Magnetic Mount Beacon

Multi-Strobe Pattern Options

Waterproof

Solar Panel w/ 16 Amp Rating

Special Orders - Special Requirements

Contact us for special requirements

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Made in the USA

The Larson Electronics SPLED-CL1B Solar Powered LED Beacon 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.

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 one 20aH lithium iron phosphate 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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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 20 foot SOOW cord 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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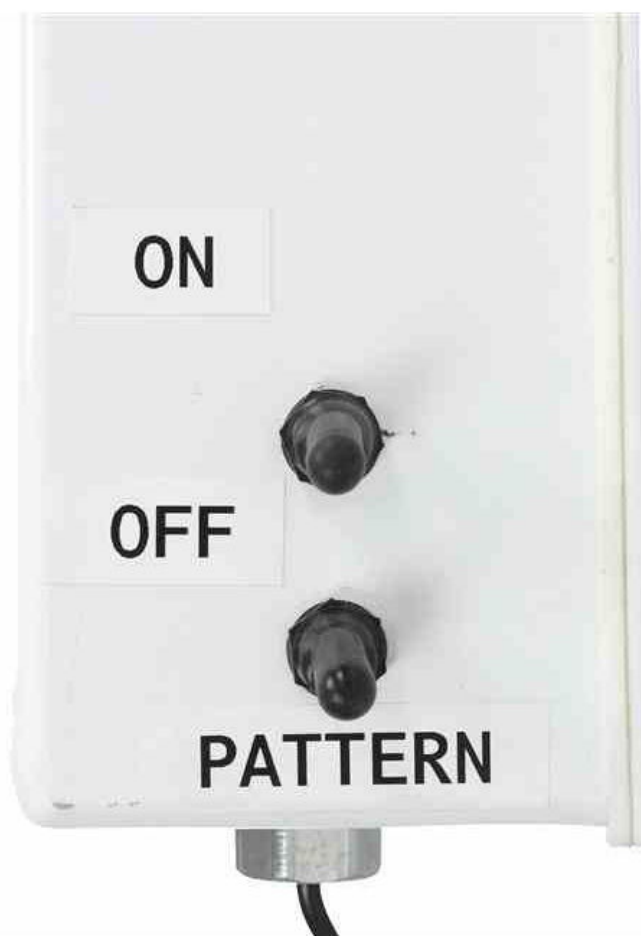
Additional options:

Further options include larger batteries and different lights, additional mounting options and different length connecting cords. The SPLED-CL1B 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.

Frequently Asked Questions (FAQ)









SPLED-CL1B

Product ID: 49592

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

SPLED-CL1B-Operation-LED Color-Mount

Example: SPLED-CL1B-24.7-Amb-PM

Operation	
24/7	-24.7
ON/OFF	-On.Off
DAY/NIGHT	-Day.Night
NIGHT/DAY	-Night.Day
EXTERNAL	-Leads
MOTION	-Motion

LED Color	
AMBER	-Amb
WHITE	-Wht
BLUE	-Blu
RED	-Red
GREEN	-Grn

Mount	
1 INCH PIPE MOUNT	-PM
SURFACE MOUNT	-SFC
MAGNET MOUNT	-M

Links (Click on the below items to view):

- [MSDS \(Material Safety Data Sheet\)](#)
- [Operations Manual](#)
- [SpecSheetSpanish](#)
- [Wiring Diagram \(Online\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [HigResPic8](#)
- [HigResPic9](#)
- [HigResPic10](#)
- [Video1](#)
- [Video2](#)
- [Video3](#)
- [Video4](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)