

SPLED-STB-CL1B-MOD2

Solar Powered LED Indicator Light - 24 Hr. Runtime - Class I - Day or Night Use

Product ID: 222614

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-STB-CL1B-MOD2 Solar Indicator Light

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

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

Light Dimensions: 4.5"H X 6.5"Diam

Weight: N/A

LED Watts: 14.4

LED Amps/Hour: 1.2

Lumens: 1,440

Luminous Efficiency: 100 Lumens per Watt

Lighting Configuration: Steady Burn

Visibility: Up To One Mile

Ambient Temp: -45°C to +55°C

Runtime: 24 Hours

Charging Time: 5 Hours

Battery: (4) 8aH sealed lead acid batteries

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

Panel Mounting: Surface or Pole

SPLED-STB-CL1B-MOD2 Features

SAEJ845, Class 1- Brightest Rating

Magnetic Mount

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-STB-CL1B-MOD2 Solar Powered LED Indicator is a Class I, innovative lighting solution suited for applications requiring a high visibility light capable of stand alone operation. This unit is visible for more than a mile and can be seen during the day or night.

This Class I, Solar Powered LED indicator light produces a brilliant steady burn that is visible for distances of up to one mile. A 14.4 watt LED indicator light is powered by

four 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 batteries in 5 hours with direct sunlight and can power the light for 24 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 LED is connected to the panel by a 20 foot SOOW cord that provides flexibility for positioning of the solar panel and LED into their respective optimum locations independently of each other. The waterproof indicator 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 light consists of an LED lamp that draws only 1.2 amps and produces a steady burn visible for more than one mile. The Class I, LED indicator light 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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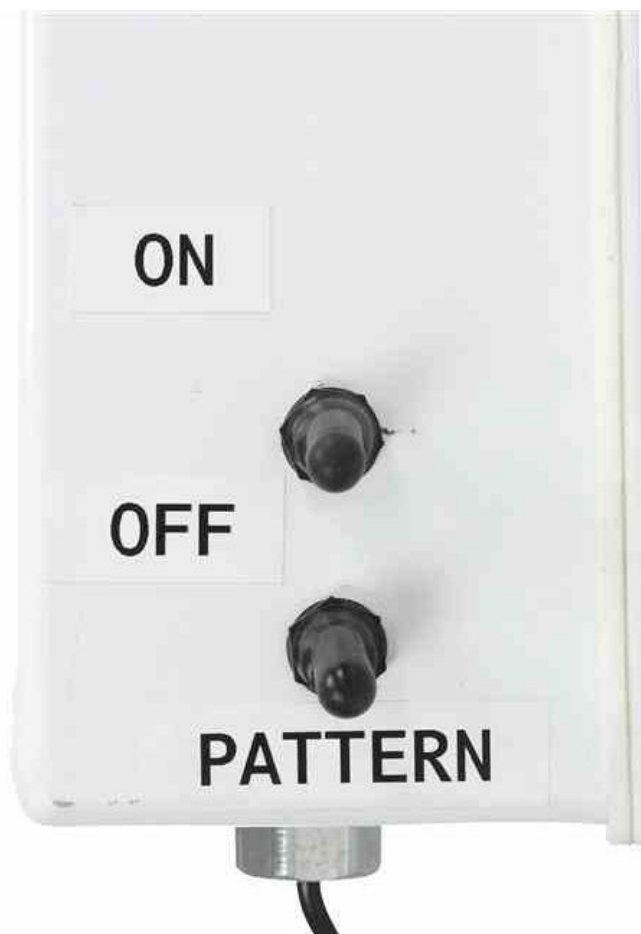
Additional options:

Further options include larger batteries and different lights, additional mounting options and different length connecting cords. The SPLED-STB-CL1B-MOD2 Solar Powered LED is an ideal solution for applications which require an effective obstacle/hazard/warning light, location indicator, 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-STB-CL1B-MOD2

Product ID: 222614

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

SPLED-STB-CL1B-MOD2-Opertion-LED Color-Mount

Example: SPLED-STB-CL1B-MOD2-24.7-Amb-PM

Opertion	
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

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