

SLEDB-5-M-PRPL

High Output Solar LED Strobing Beacon - Permanent & Magnetic Mount - Rechargeable - 12V - Purple Light

Product ID: 224287

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



Image: SLEDB-5-M-PRPL

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.

SLEDB-5-M-PRPL Solar Powered LED Strobing Beacon

Lamp Type: LED (Purple Light Output)
Dimensions: 4.5" base OD, 3.7" lens OD 4.2" Tall
Lamp Weight: 0.5 Lbs
Voltage: Internal battery operated
Wiring: Detachable Cigarette Charger
Lighting Configuration: Strobing Flash
Mounting: Permanent and magnetic Mount
Strobe Rate: 1 fps
Housing Color: Clear lens w/ black base
Light Output: Purple

Features

Recharges via Solar Panel
Dual Mounting Options
Battery Operated
Weatherproof

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
E-mail: sales@larsonelectronics.com

The Larson Electronics SLEDB-5-M-PRPL Solar LED Strobing Beacon is powered from internal lithium ion batteries, replenished by a solar charging panel or cigarette plug charger. The beacon is equipped with a permanent mount and magnetic mount options. This purple color light output strobe features a clear lens and a black base.

This compact rechargeable LED solar beacon contains an LED diode assembly that produces 360° of brilliant light. The effective distance of this LED strobe light is approximately 1000 feet. While we offer much brighter LED strobing beacons, our design goal here was to produce a beacon with reasonable light output that could run 24 hours a day, seven days a week with 5 hours of daily sunlight. Thus we choose a 1 watt LED and sized the lithium ion batteries and solar panel to produce and store enough energy to power the beacon. Keeping in mind that this LED beacon may not be exposed to sunlight continuously, we built in a 12 volt vehicle charger option as well. The vehicle charger will bring the beacon to full charge in 2 hours.

This LED strobe light includes a permanent mounting system with through holes for the mounting base. Once attached, the beacon can still be removed by twisting the beacon counter-clockwise off the base. This twist lock design allows operators to remove the light for vehicle charging if necessary. For example, if it is mounted on vehicle that is stored in a parking garage, the sunlight may be insufficient to recharge the beacon and vehicle charging may be required. However, if the strobe is mounted to a vehicle or other structure that is exposed to the sun daily, operators can add an additional screw that locks out the twist lock function.

Built in to this LED beacon is a strong magnetic base which can be used instead of the permanent mounting base options. Operators simply stick the beacon to any steel surface. This magnetic strobing LED beacon can be used on moving vehicles at highway speeds.



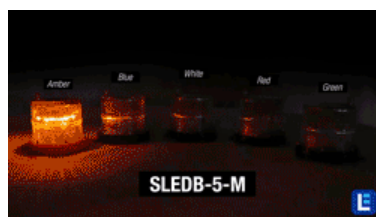
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LED Benefits: Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation and/or transportation. Instead of heating a small filament or using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current is applied, providing instant illumination with no warm up or cool down time before re-striking. Because there is no warm up period, this light can be cycled on and off with no reduction in lamp life.

LED lights run at significantly cooler temperatures than traditional metal halide and high pressure sodium lights and contain no harmful gases, vapors, or mercury, making them both safer and more energy efficient. No extra energy is wasted in cooling enclosed work areas due to external heat emissions from bulb type lights, and the operator risks associated with

traditional lighting methods, such as accidental burns and exposure to hazardous substances contained in the glass bulbs, are eliminated. In addition, LEDs are also safer for the environment as they are 100% recyclable, which eliminates the need for costly special disposal services required with traditional gas burning and arc type lamps.

This solar powered LED beacon is both weatherproof and shock resistant. This strobing LED assembly is protected by a polycarbonate lens cover that is designed to efficiently distribute the flash over a 360 degree radius. The color of this unit is produced by color specific LEDs rather than a colored lens. This increases the effectiveness and reliability of the unit as there is no chance of lens discoloration and no loss of output due to diminished optical clarity.

This LED beacon will operate 24 hours a day with 5 hours of sunlight, making it ideal for remote applications where power is limited. The on/off button and charging port are located on the bottom of the beacon. This light features a clear lens, purple LEDs, and a black base and mounting bracket.

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.



Frequently Asked Questions (FAQ)

There are no Fags



Image: SLEDB-5-M-PRPL



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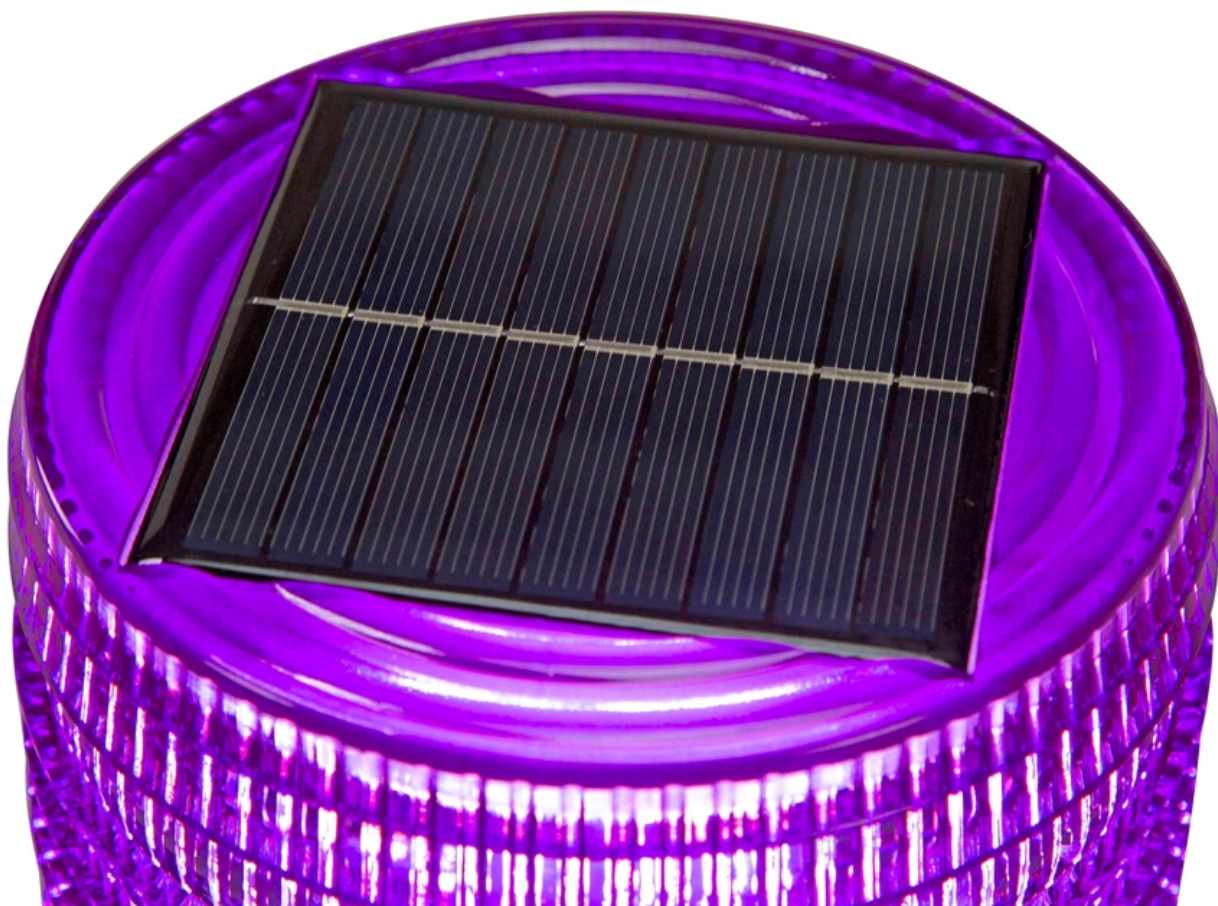


Image: SLEDB-5-M-PRPL



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Harmonized System (HS) Code: 9405.41.84.10
Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Operations Manual** (<https://www.larsonelectronics.com/images/product/Manual/224287.PDF>)
- **HigResPic1** (<https://www.larsonelectronics.com/images/product/HigResPic1/224287.JPG>)
- **HigResPic2** (<https://www.larsonelectronics.com/images/product/HigResPic2/224287.JPG>)
- **HigResPic3** (<https://www.larsonelectronics.com/images/product/HigResPic3/224287.JPG>)
- **HigResPic4** (<https://www.larsonelectronics.com/images/product/HigResPic4/224287.JPG>)
- **HigResPic5** (<https://www.larsonelectronics.com/images/product/HigResPic5/224287.JPG>)
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- **Video1** (<https://www.youtube.com/watch?v=qmp46BNpTkW>)
- **ISO 9001 Certification** (<http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF>)
- **Business Certificate** (<https://www.larsonelectronics.com/images/pdfdocs/w9.PDF>)
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