Larson Electronics LLC
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Product ID: 106323

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



Image:

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.

LED-SL-4-CPR Boat Spreader Light

Lamp Type: Cree T6 LED
Dimensions: 5.15"L X 3.5"D X 2"H
Weight: 0.95 lbs
Voltage: 9-32V DC
Watts: 20 watts
Total Lumens: 1,100
Luminous Efficiency: 55 Lm/W
Lamp Life Expectancy: 50,000+ Hours
Color Temperature: 6000K
Color Rendering Index: 80
Beam Angle: 30°
Amp Draw: 1.66 amps @ 12vDC
Operating Temperature Rating: -40°C to +85°C
Lighting Configuration: Wide Beam Spread
Housing Material: Aluminum
Lens Material: Polycarbonate
Mounting: Stainless Steel Trunnion
Wiring: 1` Pigtail with Flying Leads

Quick Summary

IP67 Waterproof
Dustproof
Shockproof
Suitable for Saltwater Marine Environments

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

For brilliant illumination in a compact form, look no further than the Larson Electronics LED-SL-4-CPR LED boat spreader light. Boasting a powerful 1,100 lumens of crisp

white light while drawing only 20 watts of energy, the LED-SL-4-CPR offers unmatched performance and durability. This IP67 waterproof LED spotlight is sealed against intrusion by dust and dirt, making it ideal for commercial and recreational marine applications as well as security and military applications, mining, commercial structure lighting, hunting, ATV vehicles, and manufacturing operations.

Light Features: The LED-SL-4-CPR LED marine light bar uses four 5 watt CREE T6 LEDs to deliver 1,100 lumens of crisp white light with a color temperature of 6000K while drawing a modest 20 watts. Chosen for their high lumen per watt ratio and extreme longevity, these Cree LEDs generate a robust 55 lumens per watt effective lumen output, draw only 1.66 amps on 12 volts, and have a 70% lumen retention at 50,000 hours. This compact LED light bar produces a wide 30° spot beam that eliminates light spillage and dark spots while providing intensity along hulls. The LED-SL-4-CPR measures 5.15" in length, 3.5" in depth, and 2" in height and is designed as a low profile, space-saving lighting solution for areas with limited mounting space, making it especially suited to boats and docks.

The LED-SL-4-CPR features a durable corrosion resistant aluminum alloy housing and a shatterproof polycarbonate lens. IP67 rated and waterproof to 1 meter, this LED light bar is sealed against intrusion by dust and dirt and constructed to withstand the extreme conditions found in marine environments, including rain, wind, and saltwater.

In addition to being rustproof and weatherproof, this light bar housing incorporates integral cooling fins that release heat away from the LED unit in order to prevent color shifting and premature LED failure, extending its lifespan beyond that of traditional lighting fixtures. Rugged, resilient design paired with advanced LED technology give these LED marine area lights a virtually maintenance free 50,000 hour rated lifespan.

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.

Cree Specific: This lamp uses Cree LED units that have been chosen for their high lumen per watt ratio and extreme longevity. These Cree LEDs generate a robust 55 lumens per watt effective lumen output and have a 70% lumen retention at 50,000 hours, giving them better efficiency and operational life than traditional light sources.

Mounting: Stainless steel adjustable trunnion mount w/ center hole mounting bolt designed for low profile hinge mounts that allow 180° degrees of angle adjustment after installation.

Voltage: The LED-SL-4-CPR is designed to run multiple voltages ranging from 9 to 32 volts DC and draws 1.66 amps at 12V DC, making it a far more efficient lighting solution than traditional lamps.

Applications:ATVs, Marine & Boating, Recreational Vehicles, Fire & Rescue, Police, Military, Engineering Vehicles such as Cranes, Excavators, and Dozers

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.

High Quality Features	Superior LED Benefits
1. Low power consumption.	1. 50,000 hour lifespan.
2. Instant on/off operation.	2. Can SAVE 50% or more on energy.
3. Fixture constructed of extruded corrosion resistant copper free aluminum alloy.	3. Qualifies retrofit projects for financial incentives, including utility rebates, tax credits and energy loan programs.
4. Superior color rendering compared to HPS, LPS, MH.	4. Reduces energy use and prolongs life-spans of peripheral cooling units (A/C, refrigeration)
5. Retains 70% lumen output after 50,000 operating hours.	5. 100% recyclable.
6. Powder coated aluminum fixture body.	6. No toxins-lead, mercury.
7. IP67 Waterproof Rating	7. No UV light, infrared radiation or CO2 emissions.
8. Low profile - Light weight	8. Qualifies buildings for LED and other sustainable business certifications.
9. 1,100 Lumen output from only 20 watts	9. Bright, even light maintains consistent color over time.
10. Simple Installation	10. Instant on/off - No flickering, delays or buzzing.
	11. Very good color rendering.
	12. Vibration/impact resistant.
	13. Significantly cooler operation.
	14. Less frequent outages, higher output improves safety.

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Frequently Asked Questions (FAQ)

There are no Faqs

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Image: This photo shows the LED-SL-4 as viewed from the front.

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Image: This photo shows the LED-SL-4 as viewed from the side.

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Image: This photo displays the LED-SL-4 as viewed from behind, as well as the mounting hardware.

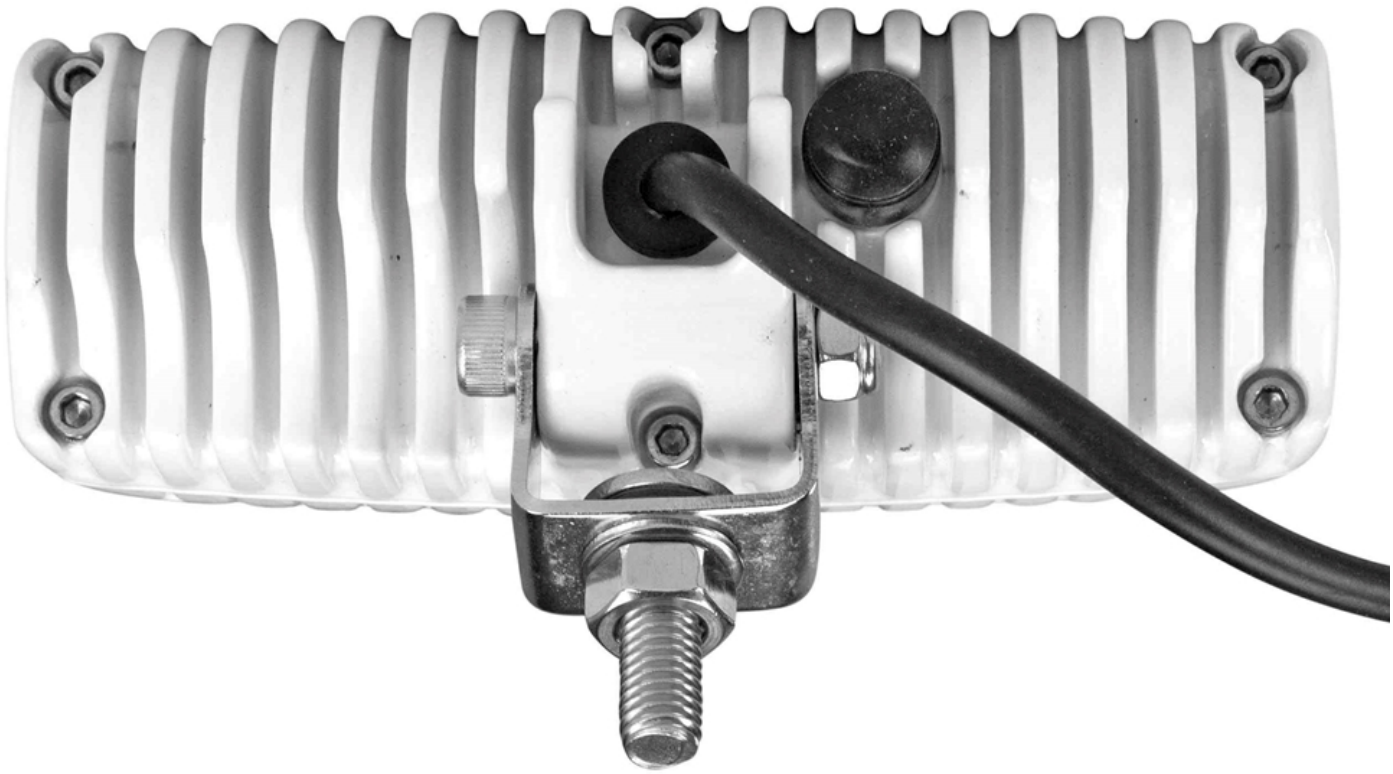


Image:

Product ID: 106323

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/106323.PDF)
- **SpecSheetSpanish**(https://www.larsonelectronics.com//images/product/SpecSheetSpanish/106323.PDF)
- **HigResPic1**(https://www.larsonelectronics.com//images/product/HigResPic1/106323.JPG)
- **HigResPic2**(https://www.larsonelectronics.com//images/product/HigResPic2/106323.JPG)
- **HigResPic3**(https://www.larsonelectronics.com//images/product/HigResPic3/106323.JPG)
- **HigResPic4**(https://www.larsonelectronics.com//images/product/HigResPic4/106323.JPG)
- **HigResPic5**(https://www.larsonelectronics.com//images/product/HigResPic5/106323.JPG)
- **HigResPic6**(https://www.larsonelectronics.com//images/product/HigResPic6/106323.JPG)
- **HigResPic7**(https://www.larsonelectronics.com//images/product/HigResPic7/106323.JPG)
- **HigResPic8**(https://www.larsonelectronics.com//images/product/HigResPic8/106323.JPG)
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- **Shipping Time Map**(https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf)