

LED Light Emitter - 8 LEDs - Red Illumination - 36 Watts - 1200 Lumens - 150'L X 30'W Spot BeamPart #: [LEDLB-8ET-RED](#)**Buy American Compliant**

The Larson Electronics LEDLB-8ET-RED LED Light Bar offers high light output and extreme durability combined a versatile trunion mounting system that allows mounting to walls and provides 270 degrees of adjustability. This IP68 rated LED light bar is waterproof to three meters and produces 1,200 lumens while drawing only 24 watts of power @2 amps from a 12 volt electrical system. This light can run on any voltage from 9 to 42 volts and provides an extremely rugged lighting solution that is ideal for use in commercial marine environments as well as industrial applications such as machine vision system lighting, heavy equipment illumination, blasting lighting and mining operations.

The LEDLB-8ET LED light bar from Larson Electronics produces a 150' long by 30' wide light beam with 1200 lumens of bright light. Eight Edison Edixeon® Emitters containing CREE EZBright® three watt LEDs producing 150 lumens each are arranged in rows and paired with high purity 10 degree optics to produce a tightly focused spot beam with limited spread or light spillage. We also offer optional floodlight versions with 35 degree optics to produce a wider beam spread and more light over a larger area nearer the fixture, making flood versions ideal for use as work and area lights. These LED light bars are IP68 rated and waterproof to 3 meters, sealed against intrusion by dust and dirt and very ruggedly constructed to withstand the most demanding environments, conditions and applications.

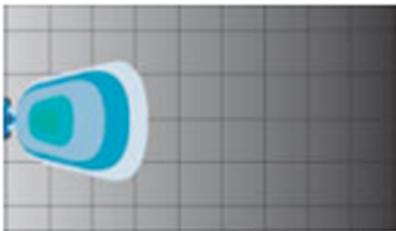
The entire Larson Electronics LEDLB-E series are constructed of extruded aluminum and feature heavier housings, rubber isolated mounts and unbreakable polycarbonate lenses to provide increased durability against vibrations, impacts, waves, hard rains, sand and high winds.

*We have had excellent feedback from boat builders and other marine applications where they are able to create lighting effects on the mast, etc. that typically cost 10 times as much but with little amp draw. The efficiency of the driver board makes this type of amp draw attractive for current constrained applications including small equipment, ATVs, boats and other applications where banks of batteries without significant alternator support are the sole source of power. These units are also ideal for use in manufacturing and industrial operations as machine lighting where severe vibration and excessive amounts of dirt and grime may be encountered.

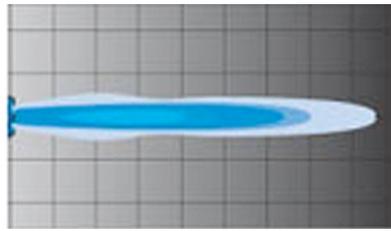
Heat Management: Heat is the single largest factor in premature LED failure and color shifting. As a result, many manufacturers reduce the output of their LEDs to reduce the amount of heat produced. These LED light bars utilize an extruded aluminum housing that incorporates an advanced heat radiating fin design which dissipates heat efficiently to produce the maximum amount of power and longevity from the integrated Edison Edixeon® Emitters. The end result is more light and longer LED life with higher average lumen maintenance after 50,000 hours.

Voltage Control: These units are able to monitor and adjust input current to maintain the correct LED voltage levels regardless of input levels across a specific range. These LEDLB series light bars can operate on current ranging from 9 to 42VDC without any modifications necessary as a result. This multi-voltage capability makes these units ideal for mobile and stand alone applications such as those found on commercial boats, heavy equipment and vehicles where power systems don't always operate with 12 volts and external generators, transformers or inverters are impractical.

**LEDLB-8ET-RED 35° Flood Beam
(Opt)**



**LEDLB-8ET-RED 10° Spot Beam
(Std)**



Durability: The LEDLB-E series of LED light bars from Larson Electronics offer IP68 rated construction that is designed to withstand extremes of environmental and operating conditions. The LED lights with the 'E' part number designation are designed for extreme durability and are larger and nearly twice as heavy as their standard counterparts. These units can withstand rapid temperature changes of -40 degrees Celsius to 85 degrees Celsius, are waterproof to three meters and resist ingress of dust, dirt and humidity. The housings are formed from thick extruded aluminum and the lenses are unbreakable polycarbonate. The Edixeon® LEDs offer inherent LED resistance to shocks and vibrations contributing to these units 15.6Grms rating of vibration tolerance.

We recommend these LED lights for high stress - high vibratory conditions, high humidity climates, very cold areas and rough saltwater conditions. They are also well suited to environments where equipment is used in one temperature extreme and stored in another temperature extreme.

Adjustable Mounting: The trunnion mounting design on the LEDLB-8ET allows for post-installation angle positioning. This means that by loosening 2 thumb bolts located on either side of the light, the operator can adjust the positioning angle of this light 270 degrees. Then he/she would simply have to tighten thumb bolts to lock the angle in place. No tools are required for adjusting angle. We also offer a BC-2 bar clamp mounting system [you can view here](#) for even greater mounting versatility.

Note: Most Larson Electronics LEDLB, LEDP3W, LEDP10W, and LED10W series LED spotlights and floodlights are terminated with a Deutsch IPD / LADD DT04-2P connector. The mating connector plug is DT06-2S. Most LEDLB and LED10W series lights ship with mating connector as part of a harness or pigtail, depending on the model. Some larger LED lights like the LEDLB-160X2 or LEDLB-200X2 or multiple function LED lights (i.e. high/low beam, modulating, IR/Visible combos) will have different Deutsch connectors.

Specifications / Additional Information**LEDLB-8ET-RED LED Light Bar****LEDs:** 8 Red 3 Watt LED Emitters**Dimensions:** 6.25"-L 3"-H 3.56"-D**Watts:** 24**Voltage:** 9-46 VDC**Spot Beam:** 150'L x 30'W**Flood Beam:** 90'L x 65'W**Weight:** 3.4 Lbs**Lighting Configuration:** 10° Spot or 35° Flood**Mounting:** Trunnion Bracket**Wiring:** Deutsch IPD / LADD DT04-2P connector**Amps:**2 (on 12 volts) 1 (on 24 volts)**Lumens:** 1200**LED Light Color:** Red**LED Life Expectancy:** 50,000 hours**Optics Efficiency:** 90%**Materials:** Aluminum Housing, Polycarbonate Lens**Housing Colors:** Black or White**CE Certified**

3 year warranty replacement on this LED light. After 30 days, the customer ships the failed LED light and/or LED bulb to Larson Electronics at their expense. If the failure is a manufacturer defect, we will ship a new replacement to the customer. If failure occurs within 30 days of receipt, Larson Electronics will provide a return label via email to the customer. When the failed light is returned, Larson Electronics will ship a new replacement.

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[Part #: LEDLB-8ET-RED \(70039\)](#)

LEDLB LED Features

Edixeon® 3 Watt LED Emitters

LEDs Driven At 80%

-40 C~ +80C Operating Temp Range

RoHS Compliant

70% Lumen Retention @65,000 hours

LED Chip Op Temp -40C to +125C

IP68 Rated Waterproof to 3 meters

Special Orders- Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671**Intl:** 1-903-498-3363**E-mail:** sales@larsonelectronics.com







Links (Click on the below items to view):

- [Hi-Res Image 1 - LED Light Emitter \(Main\)](#)
- [Hi-Res Image 2 - LED Light Emitter \(Front\)](#)
- [Hi-Res Image 3 - LED Light Emitter \(Side\)](#)
- [Hi-Res Image 4 - LED Light Emitter \(Back\)](#)