Larson Electronics LLC
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Product ID: 147191

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.

LEDEQ-24X2-CPR-SPFL LED Dual Spot/Flood Light Bar

Lamp Type: LED Light Bar
LED Type: (12) 3W CREE® LED & (12) 5W CREE® LED
Dimensions: 14.65"L x 3.83"W x 4.85"H
Input Voltage: 9-32V DC
Electric Current: 8 Amps @ 12V DC, 4 Amps @ 24V DC
Total Watts: 96
Lumens: 7,680
Luminous Efficacy: 80 Lm/W
Color Temp: 6000-6500K
Lamp Life: 50,000+ Hours
Lighting Configuration: Dual Beam 30° Spot & 80° Flood Combo
Housing Material: Aluminum
Lens Material: Polycarbonate
Mounting: Surface Mount
Wiring: 20` Harness, 16/2 Wiring Harness w/ Deutsch Connector and Blunt End

Ratings/Approvals

IP67 Rated
CE Certified
ROHS Certified

Special Orders - Special Requirements

Contact us for special requirements
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The LEDEQ-24X2-CPR-SPFL from Larson Electronics is a Dual Spot/Flood LED Work Light Bar that is designed for heavy equipment use in demanding, industrial work sites, such as construction, mining, agricultural, shipping and commercial warehousing. This 96 watt fixture features ultra-bright CREE® LEDs with a sturdy aluminum build. This unit features a dual spot/flood beam that combines 30° spot and 80° flood beams. The

fixture is capable of withstanding rough treatment and immersions up to 3.3 feet (IP67 with air-breather design).

Features: This LED light bar is capable of emitting up to 7,680 lumens during operation. The 96 watt fixture features six 3W CREE® LEDs double-stacked on either side of twelve double-stacked centrally located 5W CREE® LEDs, 9-32V DC input voltages and an electric current of 8 A at 12 volts. During output, the luminary shines a brilliant white light with a color temperature rating of 6,000-6,500K. This unit comes with a 20` harness, 16/2 wiring harness with a DT04-2S Deutsch connector and blunt cut end. The fixture`s long 50,000+ hour lifespan and durable build makes it ideal for heavy duty applications.

The LED bar`s housing is made up of extruded aluminum, while the lens is constructed of durable polycarbonate. During installation, the luminary may be supported by a surface mount for extra stability. This unit complies with CE and ROHS standards. It is IP67 certified, which provides complete protection from dust and water immersions up to 3.3 feet. 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 high lumens-per-watt ratio, effective lumen output and supports 70 percent lumen retention at 50,000 hours, giving them better efficiency and operational life than traditional light sources.

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.

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.
4. Superior color rendering compared to HPS, LPS, MV.
5. Retains 70% lumen output after 50,000 operating hours.
6. Powder coated aluminum fixture body.
7. Low profile - Light weight
8. 7,680 Lumen output from only 96 watts

3. Qualifies retrofit projects for financial incentives, including utility rebates, tax credits and energy loan programs.
4. Reduces energy use and prolongs life-spans of peripheral cooling units (A/C, refrigeration)
5. 100% recyclable.
6. No toxins-lead, mercury.
7. No UV light, infrared radiation or CO2 emissions.
8. Qualifies buildings for LEED and other sustainable business certifications.
9. Bright, even light maintains consistent color over time.
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 workplace safety.

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Frequently Asked Questions (FAQ)

There are no Faqs

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Image:

Product ID: 147191

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/147191.PDF)
- **HigResPic1**(https://www.larsonelectronics.com//images/product/HigResPic1/147191.JPG)
- **HigResPic2**(https://www.larsonelectronics.com//images/product/HigResPic2/147191.JPG)
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