Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
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Product ID: 146952

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.

IL-LED-10X2E-CPR - 100W LED Work Light Bar

Lamp Type: LED
LED Type: CREE
Dimensions: 14.65"L x 3.84"W x 4.84"H
Input Voltage: 9-64V DC
Electric Current: 8.3 amps @ 12 volts
Total Watts: 100
Lumens: 8,000
Color Temp: 6000K
Lamp Life: 30,000+ Hours
Lighting Configuration: Spot or Flood
Housing Material: Aluminum Alloy
Lens Material: Polycarbonate
Mounting: End Mounting Brackets - Adjustable
Wiring: 20` Harness, 16/2 Wiring Harness w/ Deutsch Connector and Blunt End

Quick Summary

IP67 Rated Waterproof
CE Certified
ROHS Certified
E4 Compliant

Special Orders - Special Requirements

Contact us for special requirements
Intl: 1-903-270-1187
Toll Free: 1-800-369-6671
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The IL-LED-10X2E-CPR from Larson Electronics is a 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 100-watt fixture features ultra-bright CREE LEDs with a sturdy aluminum build and has a spot beam configuration. The fixture is capable of withstanding rough treatment and immersions

up to 3.3 feet (IP67).

Features: This LED light bar is capable of emitting up to 8,000 lumens during operation. The 100-watt fixture features 9-64V DC input voltages and an electric current of 8.3 A at 12V. During output, the luminary shines a brilliant white light with a color temperature of 6000K. 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 lifespan and durable build makes it ideal for heavy duty applications.

The LED bar`s housing is made up of aluminum, while the lens is constructed of polycarbonate. It is mounted using adjustable end mounting brackets, making vertical light direction adjustments easy to implement. This unit complies with CE, ROHS and E4 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 30,000 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

1. Low power consumption.
2. Instant on/off operation.
3. Fixture constructed of extruded corrosion resistant copper free aluminum alloy.

Superior LED Benefits

1. 100,000 hour lifespan.
2. Can SAVE 50% or more on energy.
3. Qualifies retrofit projects for financial incentives, including utility rebates, tax credits and energy loan programs.

4. Superior color rendering compared to HPS, LPS, MV.
5. Retains 70% lumen output after 30,000 operating hours.
6. Powder coated aluminum fixture body.
7. Low profile - Light weight
8. 8,000 Lumen output from only 100 watts

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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Product ID: 146952

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

Options:

-Beam Config
Example: -SP

Beam Config	
SPOT	-SP
FLOOD	-FL

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Links (Click on the below items to view):

- **Wiring Diagram**(https://www.larsonelectronics.com//images/product/WiringDiagram/146952.PDF)
- **HigResPic1**(https://www.larsonelectronics.com//images/product/HigResPic1/146952.JPG)
- **HigResPic2**(https://www.larsonelectronics.com//images/product/HigResPic2/146952.JPG)
- **HigResPic3**(https://www.larsonelectronics.com//images/product/HigResPic3/146952.JPG)
- **HigResPic4**(https://www.larsonelectronics.com//images/product/HigResPic4/146952.JPG)
- **HigResPic5**(https://www.larsonelectronics.com//images/product/HigResPic5/146952.JPG)
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- **HigResPic7**(https://www.larsonelectronics.com//images/product/HigResPic7/146952.JPG)
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