Larson Electronics LLC
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Product ID: 106268

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.

LEDCLB-50-CPR LED Light Bar
Lamp Type: Curved LED Light Bar
Bulb Type: 5W Cree LEDs
Number of Bulbs: 50
Dimensions: 50.06"L x 5.57"W x 3.81"H
Weight: 16.25 lbs
Voltage: 9-30V DC
Watts: 250 watts
Total Lumens: 19,500
Luminous Efficiency: 78 Lm/W
Lamp Life Expectancy: 30,000+ Hours
Color Temperature: 6000k or 6500k
Ambient Temperature Rating: -40°C to +60°C
Lighting Configuration: Wide Beam Spread
Housing Materials: Black Powder Coated Aluminum
Lens Material: Polycarbonate

Quick Summary
RoHS Compliant
CE Certified
IP67
Versatile Mounting Options

Special Orders - Special Requirements
Contact us for special requirements
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The LEDCLB-50-CPR curved LED light bar from Larson Electronics provides bright illumination for a wide variety of applications. This curved LED light bar is designed for mounting on a variety of different vehicle types and built to withstand difficult conditions and vibrations. The LED light bar measures 50.06 inches in length and is offered with a powder coated black housing for corrosion resistance. The curved

design of this LED light bar allows it to provide illumination over a wider area. The LEDCLB-40-CPR light bar offers 250 watts of illumination power producing 19,500 lumens and has a 30,000+ hour life service time.

The LEDCLB-50-CPR LED light bar is an ideal lighting solution for mounting directly on vehicles that need to have an additional lighting source that covers a wide area. Offering an impressive 19,500 lumens and a powerful spot beam, this curved LED light bar is easy to install, waterproof, and built to easily withstand the vibrations associated with offroad driving. The LED light bar is shipped with two types of aluminum mounting brackets. This gives operators the flexibility to mount the light in a variety of areas on any given vehicle. The LEDCLB-50-CPR operates on a wide voltage range, from 9-30V DC, allowing this LED light bar to be installed on common 12V and 24V vehicles and equipment.

Featuring 50 super bright 5W Cree LED bulbs, this LED light bar provides an impressive amount of illumination for both its size and its power draw. The curved design throws light over a wider area than a straight light bar is able to. The light bar has an IP67 waterproof rating which makes it impervious to even the wettest of conditions. All of these features add up to creating an ideal light for hunting, fishing, and off-roading adventures as well as a great addition to maintenance vehicles that are often utilized after dark.

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 78 lumens per watt effective lumen output and have a 80% lumen retention at 30,000 hours, giving them better efficiency and operational life than traditional light sources.

Mounting: The LEDCLB-50-CPR curved LED light bar has several convenient mounting options. Each light bar is shipped with two different sets of mounting brackets. The first set is a pair of adjustable aluminum L-brackets that affix to each end of the light bar. Unlike friction type mounts, the second set of included mounts with this light bar feature gear driven operation. They make the light bar simple to adjust after mounting for angle and the gear design allows the brackets to stay in the chosen position despite vibrations caused by rough or uneven driving conditions.

Applications: The LEDCLB-50-CPR is ideal for operators who wish to have extra lighting on

their off-road vehicles for hunting, fishing, or other rough driving adventures. This LED light bar can also be used on any other vehicle that requires a durable and waterproof extra source of light such as maintenance vehicles and other industrial vehicles such as forklifts, tractors or excavators. Other possible applications include agricultural vehicles and law enforcement vehicles.

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.
4. Superior color rendering compared to HPS, LPS, MH.
5. Retains 80% lumen output after 30,000 operating hours.
6. Powder coated aluminum fixture body.
7. Pendant and Swivel Bracket mount included
8. Low profile - Light weight
9. 19,500 Lumen output from only 250 watts
10. Multiple LED Driver Banks for Redundancy
11. Versatile mounting options.

Superior LED Benefits

1. 30,000 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. 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 LED 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 safety.

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Frequently Asked Questions (FAQ)

There are no Faqs

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- **SpecSheetSpanish**(https://www.larsonelectronics.com//images/product/SpecSheetSpanish/106268.PDF)
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