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GAU-HB-150W-LED

160 Watt LED Crane Light - 21,600 Lumens - High Mast Lighting - Outdoor Rated

Product ID: 266595



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.

GAU-HB-150W-LED LED Marine Application Crane Light
Lamp Type: LED
Dimensions: 12.60"L x 9.77"W x 5.07"D
Weight: 13.3 lb
Voltage: 90-305V AC 50/60 Hz and 127-431V DC
Watts: 150W
Lumens: 20,250
Luminous Efficacy: 135 Lm/W
Beam Configuration: 10° Spot, 24° Wide Spot, 38° Narrow Flood, 60° Flood, or 90° Wide Flood
LED Lamp Expectancy: 50,000+ Hours
Color Temperature: Cool White (5300K) or Warm White (4000K)
LED Drive: 90%
Optics Efficiency: 98% - PMMA High Transmittance Optics
Ambient Temperature Range: -40°C to +80°C
Housing Materials: Die Cast Aluminum, PMMA Optics
Mounting: Flat Surface Trunnion Mount U-Bracket
Housing Color: Powder Coated Black

Ratings/Approvals
Light Weight Aluminum Construction
Instant On - No Warm Up Times
300 Watt Metal Halide Replacement
Low Maintenance
Reduces Energy Consumption
RoHS Compliant
UL1598 Rated for Wet Locations
Ideal for Crane Lighting Systems
IP67 Rated Waterproof
Suitable for Marine Applications
Anti-Vibration Mounting

Special Orders - Requirements
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The GAU-HB-150W-LED LED Crane Light from Larson Electronics offers intense light output and is ideal for crane lighting, high mast lighting, light towers, marine/wet locations, as well as industrial and outdoor lighting applications. Producing 20,250 lumens, the unit operates on 90-305V AC 50/60 Hz and 127-431V DC without modifications. This IP67 waterproof rated light is mounted on trunnion brackets with anti-vibration components for superior stability.

The GAU-HB-150W-LED produces 20,250 lumens of high intensity light. Sixteen CREE® high output LEDs producing 1,265 lumens each are arranged in rows and paired with PMMA high purity optics to produce a well focused 24° wide spot beam that is ideal for providing far reaching concentrated illumination while still covering a substantial amount of area. We also offer optional optics with 10° spot, 38° narrow flood, 60° flood, and 90° wide flood beam spreads. The spot beams are tightly focused and are designed for high elevation mounting to achieve distance, making spot versions ideal for high mast and crane lighting. The flood beams are designed to provide more light over a larger area nearer the fixture, making flood versions ideal for use as dedicated work and area lights.

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.



Click Photo to Enlarge

Durability: As well as unparalleled heat control, the GAU-HB-150W-LED offers IP67 rated construction that is designed to withstand extremes of environmental and operating conditions. This unit can withstand rapid temperature changes of -40° Celsius to +80° Celsius and resist the ingress of dust, dirt and humidity. The housing is formed from die cast aluminum and the optics are high transmission PMMA with 98% light transmittance. The CREE® LEDs help this luminary achieve resistance to vibrations and is rated at 70% lumen maintenance after 80,000 hours of use. We recommend these LED lights for use in applications where a lot of vibration, dust, dirt, dampness and abusive working conditions are encountered.

Mounting: Each unit is equipped with a back mount trunnion style mounting bracket that allows the light to be attached to flat surfaces and adjusted through 160° of vertical movement. To adjust the unit after mounting, the user simply loosens the set screws located on either side of the unit, moves it into the desired position, then re-tightens the screws. The base of the mounting trunnion is equipped with several machined slots which allow users to utilize existing mounting holes and slide the unit for precise mount positioning.

Suggested Applications: Crane lighting, marine and wet locations, elevated lighting, high mast lighting, light towers, light plant LED retrofits, military, mining, industrial manufacturing, machine visioning, security and law enforcement, commercial structure illumination, sports complexes, construction and more.

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.


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Frequently Asked Questions (FAQ)