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## GAU-HB-150W-LED-SS

# 150 Watt LED Crane Light - 21,600 Lumens - High Mast Lighting - Outdoor Rated - SS Brackets

**Product ID: 147543**

**Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).**



Image: GAU-HB-150W-LED-SS

**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.**

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**GAU-HB-150W-LED-SS LED Marine Application Crane Light**

**Lamp Type:** LED
**Dimensions:** 12.60"-L x 9.77"-W x 5.07"-D
**Weight:** 13.3 lbs
**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:** 3/16" Stainless Steel Trunnion Bracket w/ Rubber Vibration Isolator Bushings
**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 - Special Requirements**

Contact us for special requirements
**Toll Free:** 1-800-369-6671
**Intl:** 1-903-270-1187
**E-mail:** sales@larsonelectronics.com

**The GAU-HB-150W-LED-SS 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 stainless steel trunnion brackets with anti-vibration components for superior stability.**

The GAU-HB-150W-LED-SS 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-SS 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:** This unit features a 3/16" stainless steel mounting trunnion bracket with rubber bushings for vibration isolation. The stainless steel material of the mounting trunnion bracket will stand up to moisture exposure without rusting. The mounting system is equipped with rubber vibration isolator bushings for anti-vibration benefits and extra stability.

**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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### 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, MV.
5. Retains 70% lumen output after 80,000 operating hours.
6. Powder coated aluminum fixture body.
7. 3/16" stainless steel mounting trunnion bracket with rubber vibration isolator bushings.
8. Low profile - Light weight
9. 20,250 Lumen output from only 160 watts

### Superior LED Benefits

1. 50,000+ hours 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 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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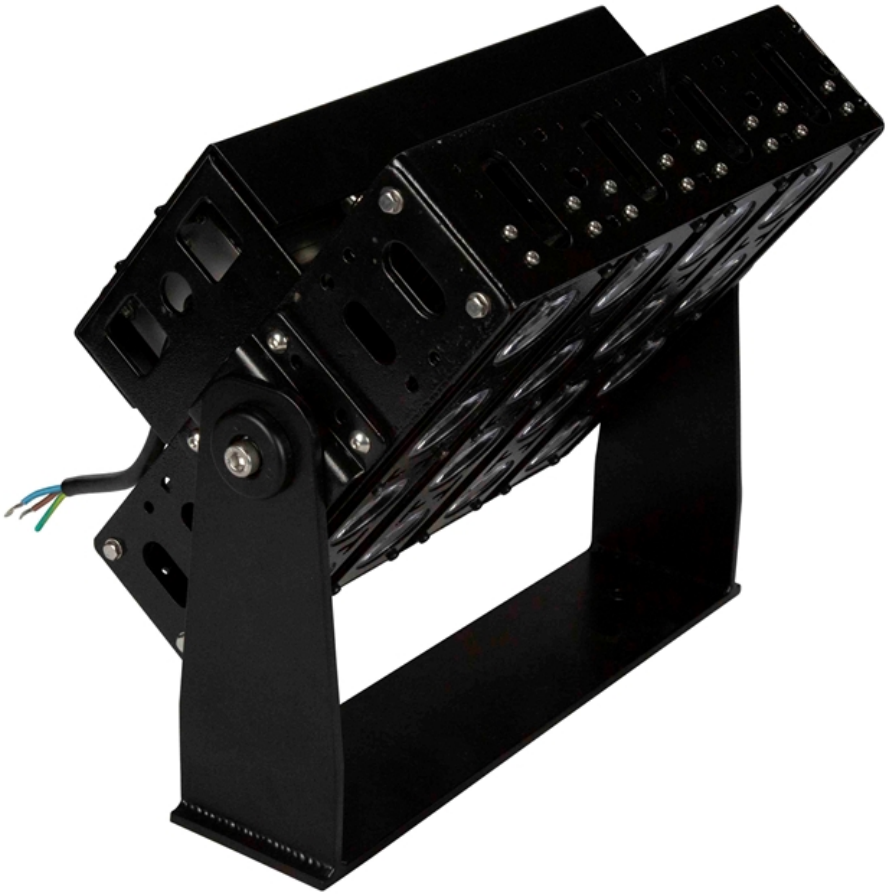


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**GAU-HB-150W-LED-SS**

**Product ID: 147543**

**Warranty:** 60 Months.

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

**Options:**

**GAU-HB-150W-LED-SS-Beam Config-Color Temp**
**Example: GAU-HB-150W-LED-SS-10SP-5300K**

| Beam Config | |
|---|---|
| 10° SPOT | -10SP |
| 25° WIDE SPOT | -25WS |
| 40° NARROW FLOOD | -40NF |
| 60° FLOOD | -60F |
| 90° WIDE FLOOD | -90WF |

| Color Temp | |
|---|---|
| COOL WHITE | -5300K |
| WARM WHITE | -4000K |

Links (Click on the below items to view):

- **Dimensional Drawing 2D**( https://www.larsonelectronics.com/images/product/DimensionalDrawing/147543.PDF )
- **Operations Manual**( https://www.larsonelectronics.com/images/product/Manual/147543.PDF )
- **STEP File (3D CAD Model)**( https://www.larsonelectronics.com/images/product/Step/147543.ZIP )
- **HigResPic1**( https://www.larsonelectronics.com/images/product/HigResPic1/147543.JPG )
- **HigResPic2**( https://www.larsonelectronics.com/images/product/HigResPic2/147543.JPG )
- **HigResPic3**( https://www.larsonelectronics.com/images/product/HigResPic3/147543.JPG )
- **HigResPic4**( https://www.larsonelectronics.com/images/product/HigResPic4/147543.JPG )
- **HigResPic5**( https://www.larsonelectronics.com/images/product/HigResPic5/147543.JPG )
- **ISO 9001 Certification**( http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF )
- **Business Certificate**( https://www.larsonelectronics.com/images/pdfdocs/w9.PDF )
- **Shipping Time Map**( https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf )