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GAU-HB-ZN-250LTL-LED-BLU-ASM-110V

144W High Intensity LED Light - 110V, 50/60Hz - 10D Blue, Anti-shock Mount - 10' 16/3 SOOW Cable

Product ID: 277175

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



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-ZN-250LTL-LED-BLU-ASM-110V High Mast LED Light

Lamp Technology: LED
Dimensions: 18"L x 13"W x 8.23"D
Weight: 18.19 lbs
Voltage: 110V AC, 50/60 Hz
Total Watts: 114W
Total Lumens: -
Luminous Efficacy: 135 Lm/w
Lamp Life: 50,000+ Hours
LED Color: Blue
Color Rendering Index: -
Lamp Type: -
Lamp Base: -
Replacement Lamp: -
Beam Angle: 10°
Lighting Configuration: Spot
Optics Efficiency: 98% - PMMA High Transmittance Optics
LED Drive: 90%
Amps: 1.03A @ 110V
Ambient Temperature Range: -40°C to +80°C
Materials: Die Cast Aluminum Housing, PMMA Optics
Housing Finish: Powder Coated Black

Ratings/Approvals

Metal Halide Replacement
IP67 Waterproof
98% Transmission High Purity PMMA Optics
Multiple LED Banks for Heat Dispersion
135 Lumens Per Watt Efficiency
70% Lumen Retention after 80,000 Hours
NRTL Certified to UL1012
NRTL Certified UL60950-1
CE Certified
RoHS Compliant

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Mounting: Heavy-duty, Thick Steel Trunnion Bracket w/ Vibration Dampeners
Wiring: 10' 16/3 SOOW Cable

Fax: 1-903-498-3364
E-mail: sales@larsonelectronics.com

The GAU-HB-ZN-250LTL-LED-BLU-ASM-110V from Larson Electronics is a High Intensity LED Light that is ideal for flood lighting, high mast lighting, light towers, as well as industrial and outdoor lighting applications. This 144-watt unit produces blue light in a 10° spot beam configuration. Protected by a powder coated aluminum housing, the LED light is supported by a heavy-duty steel trunnion mounting bracket with vibration dampeners for stable operation.

The GAU-HB-ZN-250LTL-LED-BLU-ASM-110V LED light from Larson Electronics produces high intensity blue light for high mounting applications, such as cranes and towers. This 144-watt LED unit operates on 110V AC, 50/60Hz. We offer this light with a 10° spot beam configuration. The spot beams are tightly focused and are designed for high elevation mounting to achieve distance, making spot versions ideal for high mast and spots lighting.

These lights are ideal replacements for fragile and hot running metal halide lamps. The LED units offer low power requirements, high durability and a versatile mounting system that makes these LED lamps a superior lighting solution for demanding applications where power and reliability is critical.

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.

Heat Management: Heat is the single largest factor in premature LED failure and color shifting. These LED units feature individual heat sinks per bank of six LEDs to control heat buildup rather than utilizing a single housing to dissipate heat. This allows for more thorough cooling of the LEDs for extended operating periods. This allows the LEDs to be driven at up to 90% capacity without overheating or visible loss of light output. The end result is more light with less heat and longer LED life with an average 70% lumen maintenance after 80,000 hours.

Durability: As well as unparalleled heat control, the GAU-HB-ZN-250LTL-LED-BLU-ASM-110V series of LED lights from Larson Electronics also offers IP67 rated construction that is designed to withstand extremes of environmental and operating conditions. These units can withstand rapid temperature changes of -40° Celsius to +80° Celsius, are waterproof, and resist ingress of dust, dirt and humidity. The housings are formed from die cast aluminum and the optics are high transmission PMMA with 98% light transmittance. The CREE® LEDs help these units achieve resistance to vibrations and are 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.

Wiring: The GAU-HB-ZN-250LTL-LED-BLU-ASM-110V features a 10` 16/3 SOOW cable for wiring connections.

Mounting: The GAU-HB-ZN-250LTL-LED-BLU-ASM-110V is equipped with a heavy-duty, thick steel trunnion 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 bracket is equipped with several machined slots which allow users to utilize existing mounting holes and slide the unit for precise mount positioning. Vibration dampeners can be found on the mounting system, which is designed to reduce the impact of shocks during operation.

Applications: This LED fixture is suitable for high output applications such as light towers, cranes, offshore, mining, high bay lighting, warehouses and any application requiring quality lighting from a mounted position. The heavy duty design and high power of these LED lights also makes them suitable for the following: high mast lighting, light plant LED retrofits, military, mining, industrial manufacturing, machine visioning, security and law enforcement, commercial structure illumination, sport complexes, billboards, race tracks and parking lots.

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)

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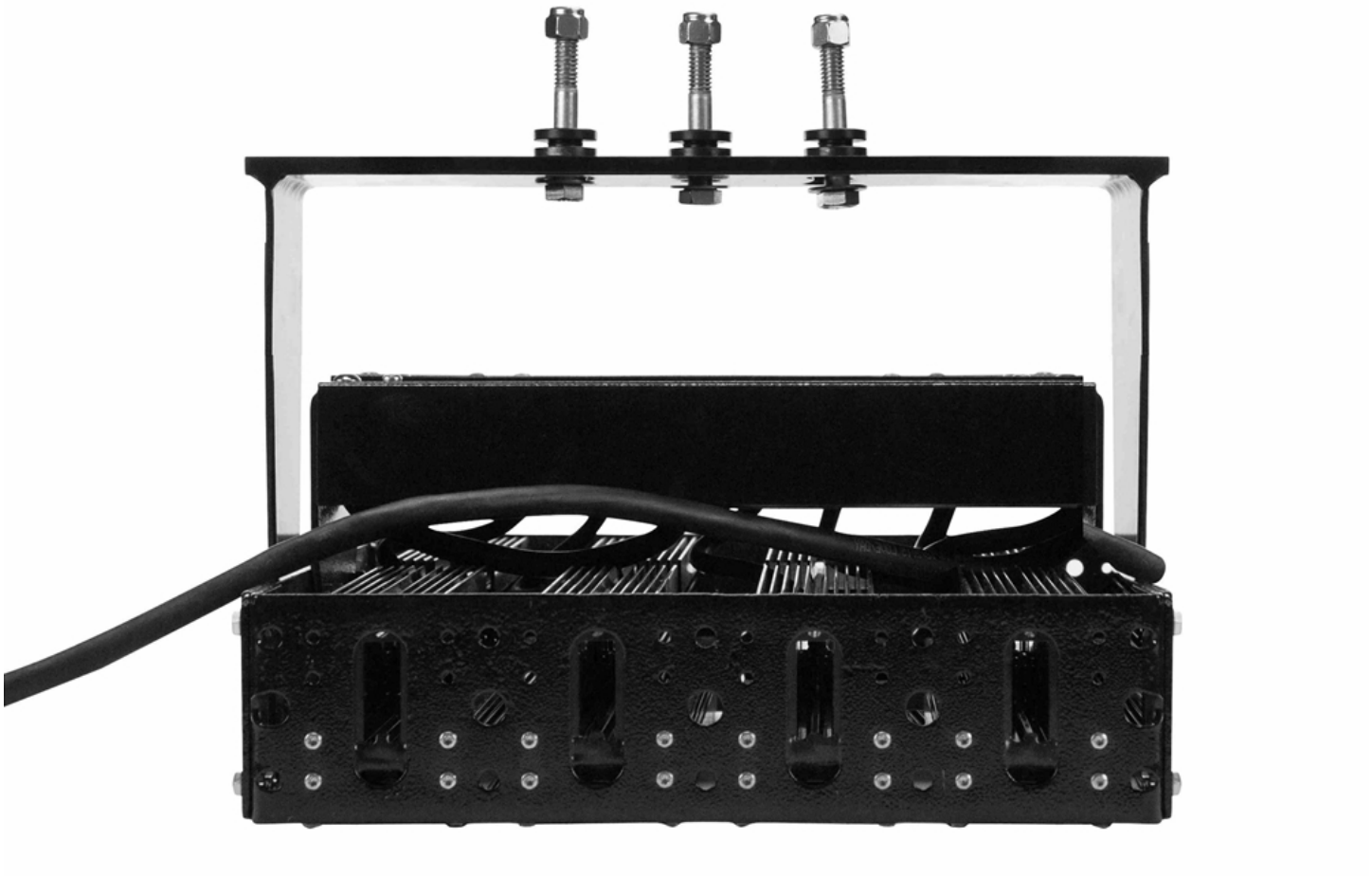

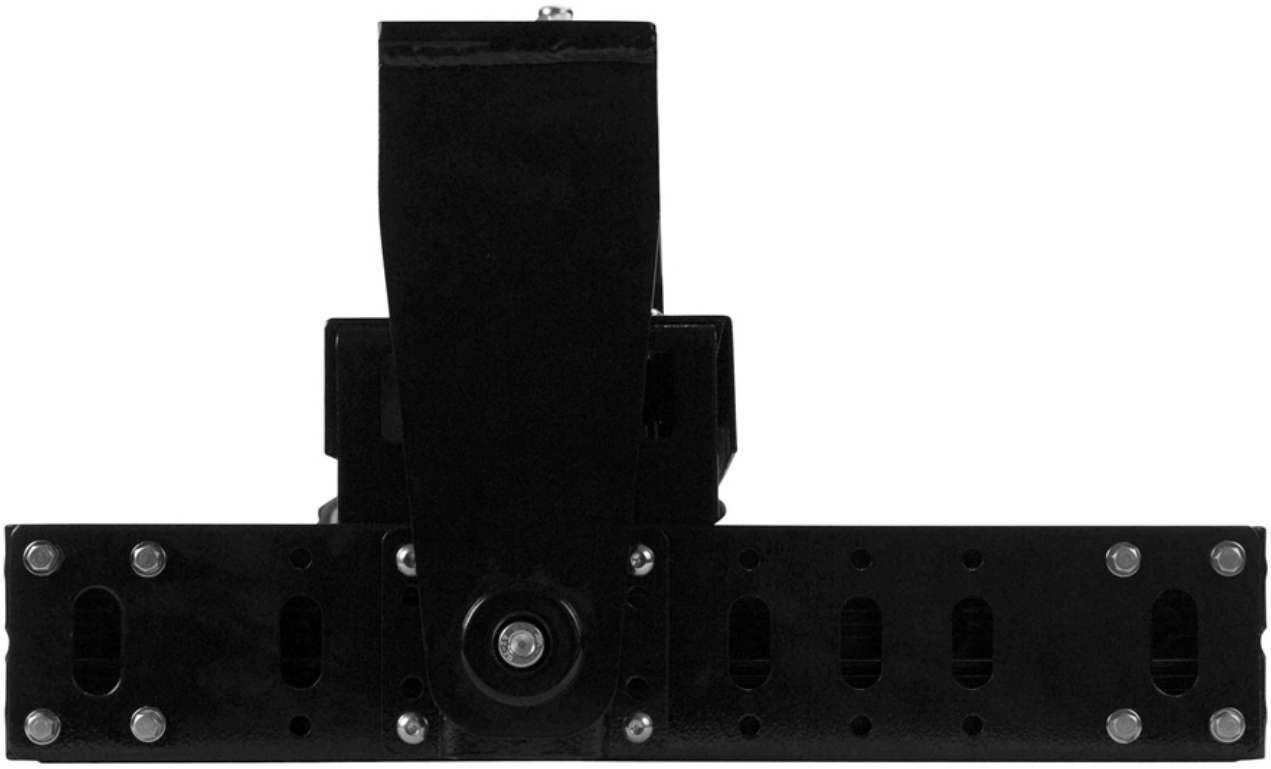

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Product ID: 277175

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**