

GAU-HB-100W-LED

100 Watt High Bay LED Light Fixture - General Area Use - 10,500 Lumens

Product ID: 146706

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-100W-LED High Bay LED Light

Lamp Type: LED

Dimensions: 17.3" Diameter, 3" Height

Total Watts: 100W

Lumens: 10,500

Voltage: Multi- 100-277 VAC, 50/60Hz

Luminous Efficacy: 105 Lm/W

Lighting Configuration: Flood Pattern

Mounting: Pendant Mount

Weight: 12 lbs

Temp Rating: -40°C to +65°C

Color Temp: 5600K, 74-CRI, 4100K

Features

Light Weight Aluminum Construction

Instant On - No Warm Up Times

50,000+ Hours

Low Maintenance

Reduces Energy Consumption

Special Orders - Special Requirements

Contact us for special requirements

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The Larson Electronics GAU-HB-100W-LED High Bay light fixture provides operators with a powerful and energy efficient alternative to traditional general area luminaries. LED technology and light weight design makes this lamp an excellent energy efficient upgrade option for bulky and high maintenance cost fixtures.

This 100 watt LED high bay light fixture provides 10,500 lumens of high quality light while drawing only 100 watts and is ideal for use in warehouses, garages, production lines and anywhere an effective and efficient general area lighting solution is needed. An acrylic lens protects the LED light assembly and the aluminum alloy body reduces weight compared to larger metal halide and high

pressure sodium fixtures. A special heat dissipating design in conjunction with LED technology helps this fixture to achieve an excellent 50,000 hour rated lifespan with 80% lumen retention. A light 12 lbs weight and low profile make this unit an attractive and energy efficient alternative to larger and heavier older light fixtures and requires less hardware to install.

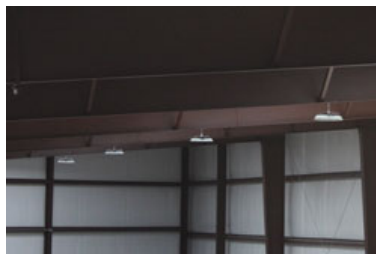
The pictures below, taken without a flash, were sent to us by a customer who had been using high-pressure sodium lights and was so impressed by the GAU-HB-100W-LED lights that he sent Larson Electronics pictures to show how well the GAU-HB-100W-LED lights lit his compression building.



[Click Photo to Enlarge](#)



[Click Photo to Enlarge](#)



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.

This LED light is multi-voltage capable and can be operated with 100-277 VAC, 50/60Hz without any need for a special ballast. The aluminum body and LED luminaries give this light excellent durability and resistance to vibration and impacts. The housing is specially designed to dissipate heat which increases the efficiency and lifespan of the LED luminaries. The LED light fixture produces 10,500 lumens of light with a color temperature of 5600K and a color rendering index of 74 which produces colors and details much more accurately than high pressure sodium or mercury vapor luminaries. The LEDs used in this light use less energy and create less heat which reduces energy costs by lowering the amount of electricity needed to both illuminate and cool large areas. The GAU-HB-100W-LED offers cable mounting hook to be suspended from the ceiling.

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, MV.
5. Retains 80% lumen output after 50,000 operating hours.
6. Powder coated aluminum fixture body.
7. Multiple Mounting Options Including Pendant, Wall, Ceiling, Cable Mounting.
8. Low profile - Light weight
9. 10,500 Lumen output from only 100 watts

Superior LED Benefits

1. 50,000 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 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)



GAU-HB-100W-LED

Product ID: 146706

Warranty: 36 Months

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

GAU-HB-100W-LED-Color Temp

Example: GAU-HB-100W-LED-55K

Color Temp	
5600K	-55K
4100K	-41K

Links (Click on the below items to view):

- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)