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GAU-HB-22-1000W-WCM

273W High Bay LED Circular Lamp - 120-277V - Hook Mount - Replacement for 750-1000W HID/MH

Product ID: 147295

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-22-1000W-WCM High Bay LED Circular Lamp
Lamp Type: High Bay LED Lamp
Dimensions: 22.27" x 18.81"
Weight: 15 lbs
Total Watts: 273 Watts
Voltage: 120-277V AC @ 50/60 Hz
Drive Current: 525 mA
Lumens: 20,965 - 27,542 (Depends on Selected Lens/CCT)
Luminous Efficiency: 72 - 95 LPW (Depends on Selected Lens/CCT)
LED Light Color: White
Color Temp: 4,000K or 5,000K
Ambient Temp Range: -40°C to +50°C
Lens Options: Clear Flat Glass, Clear Flat Prismatic, Acrylic Conical
Housing Material: Die Cast Aluminum Housing
Finish: White Powdercoat Finish over Chromate Conversion Coating
Mount: Hook Mount - 1" Malleable Hook w/ 4" Stem (30` Max Stem Length)
Housing Color: White

Ratings/Approvals
Listed for Wet Locations
IP54 Waterproof
External Heat Sinks
Suitable Replacement for HID, MH or HPS
Electronic, Dimmable Driver

Special Orders - Special Requirements
Contact us for special requirements

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The GAU-HB-22-1000W-WCM High Bay Circular LED Lamp is a suitable replacement for 750-1000W HID/MH fixtures. This 273-watt luminary operates on standard 120-277V AC voltages and comes with an electronic, dimmable driver. Featuring an external heat sink, the LED lamp is mounted using a 1" malleable hook with a 4" stem for vertical

positioning. When ordering this product, please choose the preferred color temperature (4,000K or 5,000K) and lens (Clear Flat Glass, Clear Flat Prismatic or Acrylic Conical) below.

The GAU-HB-22-1000W-WCM is an ideal lighting solution for industrial sites with elevated lighting requirements at heights of 18-45 feet. This LED light operates on 120-277V AC and features 20,965-27,542 lumen output (depending on the selected lens, refer to the table below for more information). For durability, the luminary is constructed of die cast aluminum with a white powdercoat finish over a chromate conversion coating. The IP54 sealed unit comes with an electronic, dimmable driver and is a suitable replacement for 750-1000W HID/MH fixtures.

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.

Lens Options: This LED fixture comes in the following lens options: Clear Flat Glass, Clear Flat Prismatic or Acrylic Conical. The lamp`s spacing criteria, lumen output and lumens-per-watt ratio may differ, depending on the selected lens and color temperature. Please refer to the table below as a guide in choosing the preferred lens and color temperature.

Lens Type	Spacing Criteria	5000K/80 CRI Lumens/LPW	4000K/80 CRI Lumens/LPW
Clear Flat Glass	1.28	27,382/94	25,054/86
Clear Flat Prismatic	1.04	22,913/79	20,965/72
Acrylic Conical	1.24	27,542/95	25,201/87

Mounting: This high bay LED lamp is mounted using a 1" malleable hook for secure attachments on poles, brackets, holes and other lighting support systems. The unit comes with a 4" stem, which can be extended up to 30 feet in length for robust vertical adjustment and positioning.

Applications: General area lighting systems, warehouses, large commercial spaces, industrial plants, processing facilities, offices, hallways, walkways, street lighting, sports facilities, retail stores, outdoor lighting 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.

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.

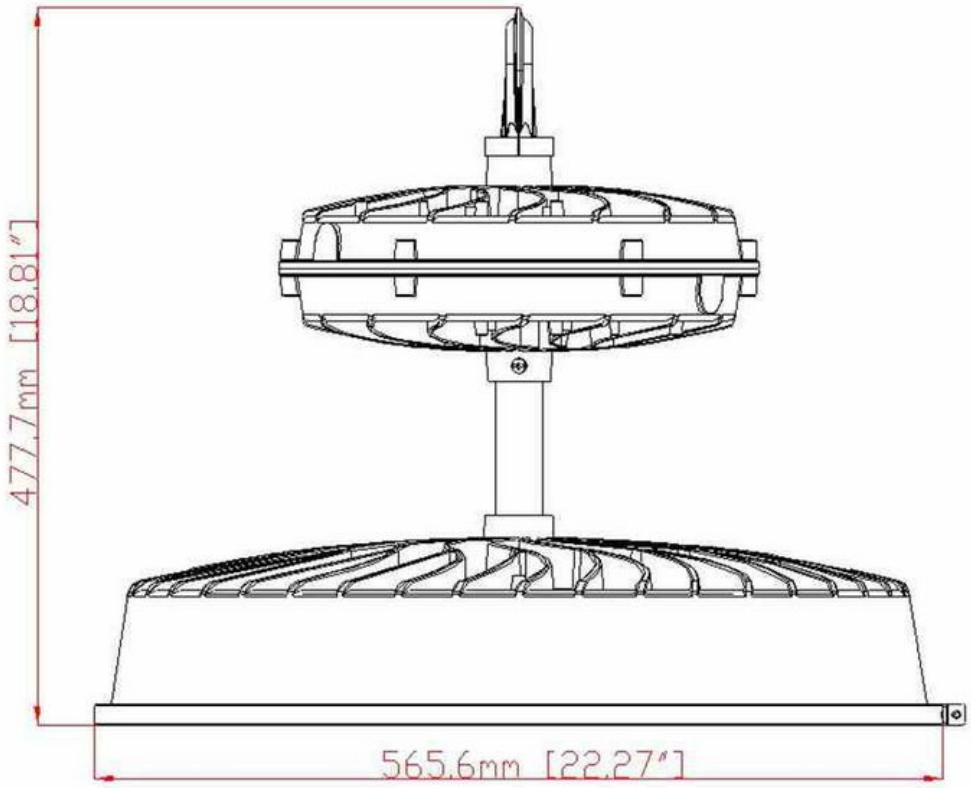
6. No toxins-lead, mercury.
7. No UV light, infrared radiation or CO2 emissions.
8. Qualifies buildings for LEED and other sustainable business certifications.
9. Bright, even light maintains consistent color over time.
10. Instant on/off – No flickering, delays or buzzing.
11. Very good color rendering.
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)




477.7mm [18.81"]
565.6mm [22.27"]

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GAU-HB-22-1000W-WCM

Product ID: 147295

Harmonized System (HS) Code: 9405.10.8020

Export Control Classification Number (ECCN): EAR99

Options:

GAU-HB-22-1000W-WCM-Color Temp-Lens

Example: GAU-HB-22-1000W-WCM-4000K-CFG

Color Temp	
4000K	-4000K
5000K	-5000K

Lens	
CLEAR FLAT GLASS	-CFG
CLEAR FLAT PRISMATIC	-CFP
ACRYLIC CONICAL	-AC

Links (Click on the below items to view):

- **Dimensional Drawing 2D**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**