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GAU-HB-30LED-RT-UVA

30W High Bay LED UV Light Fixture - 10,500 mW - 3/4" Pendant Mount - 10' 16/3 SOOW w/ Flying Leads

Product ID: 152509

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-30LED-RT-UVA - High Bay LED Light

Listing: United States - Canada
Lamp Type: LED
Dimensions: 7.04"L x 7.04"H x 5.72"D
Weight: 7 lbs
Voltage: 100-277 Volts AC, 50/60Hz or 11-25 Volts AC/DC
Total Watts: 30W
Total Intensity: 10,500 mW
Efficiency: 350 mW/W
Lamp Life: 50,000+ Hours
Wavelength Curve: 350-400NM - Peak @ 365NM
Color: Ultraviolet- 365NM
Beam Angle: 120°
Lighting Configuration: Flood Pattern
Power Efficiency: >95%
Power Factor: 0.992
Ambient Operating Temp Range: -50°C to +65°C
Operating Temp Rating: T5
Housing Material: Copper Free Cast Aluminum
Housing Finish: Epoxy Powder Coated - Grey
Lens Material: Hardened Borosilicate Glass
Gasket Material: Silicone
Mounting: 3/4" Pendant
Wiring: 10` 16/3 SOOW w/ Flying Leads

Ratings/Approvals

Certified to UL 1598
IP67 Rated Waterproof
Single LED Driver
80% Intensity Retention After 50,000 Hours
Recommended 15` to 40` Mounting Height

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187

The GAU-HB-30LED-RT-UVA from Larson Electronics is a High Bay UV LED Light Fixture that provides operators with a powerful and energy efficient alternative to traditional luminaries. LED technology and compact design makes this lamp an excellent replacement upgrade option for bulky and high maintenance cost older incandescent, metal halide and high pressure sodium lights.

This UV LED light fixture provides 10,500 mW of high quality ultraviolet light while drawing only 30 watts. The copper free aluminum alloy body is powder coated for added durability and an attractive aesthetic appearance. Special heat dissipating design in conjunction with LED technology helps this fixture to achieve an excellent 50,000 hour rated lifespan with 80% intensity retention. Lightweight and a low profile make this unit an attractive alternative to larger and heavier older fixtures and requires less hardware to install. The GAU-HB-30LED-RT-UVA high bay LED UV light also offers operators convenience in the form of field serviceability. The GAU-HB-30LED-RT-UVA is typically used for curing coatings or adhesives and for non-destructive testing applications. This fixture has been thoroughly tested with the DuPont line of ultraviolet curable paint and primers, accelerating the cure times over metal halide fixtures with surface temperatures as low at 55°F.

The GAU-HB-30LED-RT-UVA uses ultraviolet LED light technology, a technology that is far better in energy saving than traditional fluorescent bulbs used for the same purposes. Traditional ultraviolet lights require a coating to block out visible light or a special composition of gases and chemicals used to create a higher concentration of ultraviolet light. This process, however, also produces many other wavelengths of light which go unused and end up as wasted energy. LED lights are unique in that they have a narrower wavelength band than traditional ultraviolet sources and therefore do not require these special coatings. As a result, LED lights do not produce unused, wasted light and therefore consume less energy than traditional UV lights on the market. LED lights have the added benefit of being capable of producing very specific wavelengths with tighter curves and are more durable and light weight as well. This eliminates harmful UV-B and UV-C wavelengths from being emitted from the light source, adding in productivity and safety during operation.

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.

LED Drivers: Even in LED fixtures, heat is the single largest factor in premature light failure and color shifting. As a result, many manufacturers reduce the output of their LEDs in order to reduce the amount of heat produced. Rather than lower light output or quality, Larson Electronics addresses this problem with the addition of an electronic LED driver. This internal driver provides the ability to automatically monitor and adjust input current to maintain the correct LED voltage levels regardless of input levels across a specific range. This not only reduces the energy dissipation, effectively lowering the operating temperature of the fixture, but also prevents AC over-voltage and short circuit loading making this fixture

virtually maintenance free. Because the electronic driver allows the GAU-HB-30LED-RT-UVA to run at a cooler internal temperature and regulates the electrical current, energy efficiency and LED service hours are maximized while at the same time reducing operating costs and downtime incurred from the frequent servicing intervals required with other hotter running lights.
This light is universal voltage capable and can be operated with 100-277V AC, 50/60Hz. We also offer a low voltage version of this LED fixture that operates on AC/DC voltages from 11-25 Volts. This UV LED light fixture is IP67 rated, dust-proof, and protected against high pressure jets and temporary submersion. The cast aluminum body and LED lamp 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 LEDs and electronics.
Wiring: The GAU-HB-30LED-RT-UVA high bay LED light fixture is equipped with 10 feet of abrasion and chemical resistant 16/3 SOOW cable with flying leads. The LED light fixture features 5 3/4" NPT threaded ports for running conduit depending on the installation location. Four of the ports are located on the corners of the unit and the fifth port is found on the rear of the high bay LED fixture.

Energy Consumption Comparison

	Metal Halide	LED
Wattage	175 watts	30 watts
Amp Draw @ 120V AC	1.69 amps	0.25 amps
Amp Draw @ 220V AC	0.92 amps	0.18 amps
Amp Draw @ 240V AC	0.85 amps	0.13 amps
Amp Draw @ 277V AC	0.73 amps	0.11 amps
Amp Draw @ 12V DC	16.77 amps	2.5 amps
Amp Draw @ 24V DC	8.39 amps	1.25 amps
Lamp Life Expectancy	20,000 hours	60,000+ hours
Operation cost per year (12hs/day @ 12c/kWh)	$241.78	$15.77

Each LED light fixture has the potential to save $150.00+ per year in electricity alone, not including maintenance costs, operational downtime, reduced productivity, HVAC loads, or carbon footprint. When retrofitting an entire facility with 100s of light fixtures, the return on investment of LED over metal halide becomes evident.

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)









GAU-HB-30LED-RT-UVA
Product ID: 152509

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

Options:
GAU-HB-30LED-RT-UVA-Voltage
Example: GAU-HB-30LED-RT-UVA-1227

Voltage	
120-277V AC	-1227
11-25V AC/DC	-1224

Links (Click on the below items to view):

- **STEP File (3D CAD Model)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **Video4**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**