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GAU-EMG-48-160W-LED

160W General Area Use High Bay LED Light Fixture w/ Emergency Battery Backup - 19200 Lumens

Product ID: 147615

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-EMG-48-160W-LED 4` LED High Bay Emergency Linear Fixture

Lamp Type: LED
Dimensions: 50"L x 9"W x 6"H
Weight: 10 lbs
Total Watts: 160 Watts
Voltage: 120-277V AC 50/60 Hz
LED Lamp Life Expectancy: 50,000+ Hours
Beam Angle: 160°
Luminous Efficiency: 160 Lm/W
Total Lumens: 19,200
Emergency Runtime: 90 Minutes
Emergency Lumens: 4,000
Color Temp: 6000K
Ambient Temp Range: -30°C to +60°C
Power Efficiency: >90%
Power Factor: >0.95
Mounting: Surface Mount Brackets
Wiring: 10` Whip w/ Flying Leads
Materials: Aluminum Housing / Polycarbonate Lens

Features

1:1 Direct Replacement for 4` 4L T5HOs
50,000+ Hour LED Life Span
80% Lumen Retention after 50,000 Hours
Reduced Energy Consumption With Improved Output
Vapor Proof
Vibration Shock Resistant
IP65 Rated Waterproof
Outdoor Approved
Remote Mounted Emergency Battery Backup
90 Minute Emergency Runtime

Special Orders - Special Requirements

Contact us for special requirements

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The GAU-EMG-48-160W-LED from Larson Electronics is a General Use High Bay LED Emergency Light Fixture that is highly efficient and that

provides 19,200 lumens of illumination. This low profile, 4` linear integrated LED light fixture is a direct replacement for existing four lamp T5HO fixtures, providing twice the lamp life, increased durability, and less energy consumption. The energy efficiency and longevity of LEDs make this light option ideal for use in places requiring high bay illumination, such as warehouses, malls, parking garages, and other similar environments. This unit features a remote mount battery backup for emergency operation.

The GAU-EMG-48-160W-LED integrated 160 Watt LED emergency light fixture is a low profile linear light fixture that provides 19,200 lumens of bright light in a 160° wide flood beam spread. Special heat dissipating design in conjunction with LED technology helps this fixture to achieve an excellent 60,000 hour rated lifespan with 80% lumen retention. The GAU-EMG-48-160W-LED is housed in aluminum casing and the LED assembly is protected by a shatter resistant polycarbonate lens. This unit is universal voltage, operating on 110-277 AC 50/60 Hz, and supplied with a 10` line-in cable with flying leads.

This emergency LED light works, mounts and is wired like our GAU-48-160W-LED LED light fixtures. The main difference is that we add a remote mounted battery backup unit that adds emergency light functionality to the fixture. This emergency LED light will run at the standard UL suggested 90 minutes after power is lost at 4,000 lumens. The light recharges the battery once electrical power is restored. Standard configuration includes a single emergency battery backup that is automatically recharged and kept in a ready state.

We have eliminated the ballast box normally associated with fluorescent fixtures which reduces overall weight and creates a slimmer unit profile. There is no ballast in this unit and the integrated LED assembly has a 50,000+ hour service life, both of which result in extreme efficiency and greatly reduced maintenance costs. The solid state design of LED technology give this fixture superior resistance to damage from vibration, extremes in temperature, and a lamp life over twice that of standard fluorescent bulbs.

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.

The integrated heat sink allows for efficient heat dissipation, preventing the LEDs from overheating and keeping the overall temperature of the fixture relatively low. Solid state LED technology eliminates the need for a ballast box and lamps, a cumbersome feature of fluorescent fixtures that add weight and require frequent repairs. This low profile light fixture features two adjustable brackets, providing operators with easy installation and allowing for adjustments of the light assembly.

Click Photo to Enlarge

This unit is designed to be either surface mounted or hung from cable or chain and includes built in mounts. The GAU-48-160W-LED light fixture is ideal for indoor-outdoor applications and suitable for use as general area lighting, shop lighting,

work space lighting, garage and warehouse lighting, and anywhere a dependable and low maintenance fixture with high output and efficiency is needed. This light comes with a multi-purpose mounting bracket that can be used for a direct surface mount or reversed and used for chain hanging the unit.
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)









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GAU-EMG-48-160W-LED
Product ID: 147615

Warranty: 36 Months

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

Options:
GAU-EMG-48-160W-LED-Mount
Example: GAU-EMG-48-160W-LED-SFC

Mount	
SURFACE	-SFC
CABLE	-CAB

Links (Click on the below items to view):

- **Operations Manual**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **HigResPic9**
- **HigResPic10**
- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**