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GAU-48-160W-LED-DIMM

Dimmable General Area Use High Bay 160 Watt LED Light Fixture - Low Profile - High Efficiency

Product ID: 106124

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-48-160W-LED-DIMM 4` LED High Bay Linear

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 or 12-24V AC/DC - 347-480V optional
LED Lamp Life Expectancy: 50,000+ Hours
Beam Angle: 160°
Luminous Efficiency: 120 lm/w
Total Lumens: 19,200
Color Temp: 6000K
Ambient Temp Range: -30°C to +60°C
Dimmable: Yes - 0-10V
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
0-10V Dimming
MOV Surge Suppression

Special Orders - Special Requirements

Contact us for special requirements

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The Larson Electronics GAU-48-160W-LED-DIMM Dimmable General Use High Bay LED Light Fixture is a 4` linear integrated LED light fixture that provides 19,200 lumens of illumination. This low profile, highly efficient LED light fixture is a direct replacement for existing four lamp T5HO

fixtures, providing twice the lamp life, increased durability, and less energy consumption. 0-10V dimming combined with 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.

The GAU-48-160W-LED-DIMM integrated 160 Watt LED 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-48-160W-LED-DIMM is housed in aluminum casing and the LED assembly is protected by a shatter resistant polycarbonate lens. This unit is multi voltage, operating on 110-277 AC 50/60 Hz, and supplied with a 10` line-in cable with flying leads. We also offer a low voltage 12-24V AC/DC model for low voltage applications, such as off the grid and remote locations powered by alternative energy.



Click Photo to Enlarge



Click Photo to Enlarge

Click Photo to Enlarge

The GAU-48-160W-LED-DIMM offers 0-10V dimming. With 0-10V dimming, the supply fixture is equipped with a secondary low voltage dimming cable to control the light intensity of the fixture. This secondary signal cable is connected to the user provided dimming controls to dim the light fixtures. 0-10V dimming provides ten points of light intensity, with 100% light output at 10V and 0% light output at 0V. LED light fixtures capable of 0-10V dimming are compatible with Mark 10 style dimmer switches.

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-48-160W-LED-DIMM 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.

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.

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-DIMM 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.

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.

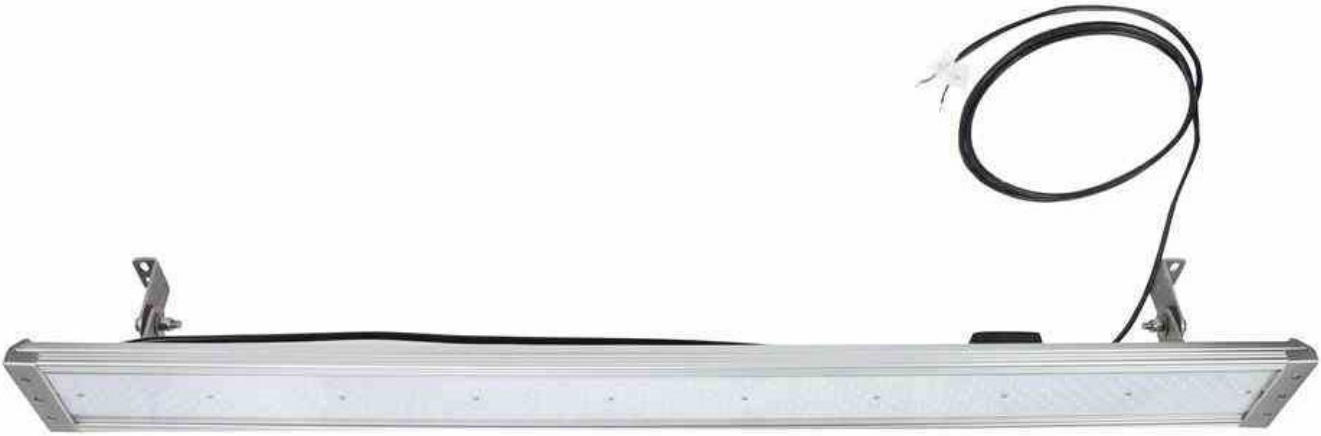
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Frequently Asked Questions (FAQ)









GAU-48-160W-LED-DIMM
Product ID: 106124

Warranty: 36 Months

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

Options:
GAU-48-160W-LED-DIMM-Voltage
Example: GAU-48-160W-LED-DIMM-1227

Voltage	
120/277V	-1227
347-480V	-480
24V	-24

Links (Click on the below items to view):

- **Dimensional Drawing 2D**
- **IES (Photometric File)**
- **STEP File (3D CAD Model)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **HigResPic9**
- **HigResPic10**
- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**