

GAU-LED-160W-RT-480V

150 Watt Crane LED Flood Light - 480V - Surface Mount Trunnion - 17,500 Lumens - IP67

Waterproof

Product ID: 104989

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-LED-160W-RT-480V Explosion Proof LED Flood Light

Listing: United States - Canada

Lamp Type: Cree LED

Dimensions: 14"H x 16"W 5"D

Weight: 32 lbs

Voltage: 347-480V AC

Total Watts: 150W

Total Lumens: 17,500

Luminous Efficiency: 116.67 Lm/W

Lamp Life: 60,000+ Hours

Color Temp: 5000K, 4000K, 3000K

Color Rendering Index: >75 CRI

Beam Angle: 60° or 125°

Lighting Configuration: Flood Pattern

Power Efficiency: >95%

Power Factor: 0.992

Amperage: 1.25A @ 120V, 0.63 @ 240V, 0.54 @ 277V

Ambient Operating Temp Range:-50° C to +65°C

Operating Temp Rating: T5

Housing Material: Copper Free Cast Aluminum

Lens Material: Hardened Borosilicate Glass

Gasket Material: Silicone

Mounting: Adjustable Flat Surface Mount U-Bracket

Wiring: 10` 16/3 SOOW w/ Flying Leads

Ratings/Approvals

Listed for United States and Canada

Certified to UL 1598

Certified to C22.2 No. 250.0

T5 Temperature Rating

IEC 60529 Tested

IP67 Rated Waterproof

LEL Approved

Multiple Driver Banks

80% Lumen Retention after 60,000 Hours

Factory Sealed Light Fixture

Wiring Hub: 3/4" NPT

LED Driver Specs

Input Voltage: 100-277 Volts AC

Input Current: 1.8A Max

Output Voltage: 54V Max

Output Current: 2.1A

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

E-mail: sales@larsonelectronics.com

The Larson Electronics GAU-LED-160W-RT-480V Outdoor Rated Crane LED Flood Light fixture provides operators with a powerful and energy efficient alternative to traditional gas burning luminaries. Cree LED technology and compact design makes this lamp an excellent replacement upgrade option for bulky and high maintenance cost older fixtures.

This 480 volt crane and rough service LED flood light fixture provides 17,500 of high quality light while drawing only 150 watts. The 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 60,000 hour rated lifespan with 80% lumen retention. Light weight and a low profile make this unit an attractive alternative to larger and heavier older fixtures and requires less hardware to install.

The outdoor rated LED light fixture features multiple LED drivers which helps to increase the operational life of the fixture. With traditional LED lights, in the event an LED array or driver fails, the entire fixture no longer illuminates. This new series of LED lamps contains twelve individual LED boards configured in a series of banks. Each bank contains two LED boards with an individual driver. In the event of a driver failure, only one bank of LEDs will be effected while the other banks will continue to operate. In the event that of an LED failure, the mating LED will continue to operate.

Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation. 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 applied and emitting light. With LED lights, there is no warm up time or cool down time before re-striking and provide instant illumination when powered on, adding to the reliability of LED technology. By nature, LED light sources run significantly cooler than traditional lamps, reducing the chance of accidental burns and increased temperatures due to heat emissions. This solid state design of light emitting diodes provides a more reliable, stable, durable, and energy efficient light source over traditional lighting.

This light is universal voltage capable and can be operated with 347-480 VAC without modifications. 347V is common in Western Canada, while 480V is common in the United States and Eastern Canada. We also offer other voltage versions of this LED fixture that operates on 120-277V AC 50/60 Hz or AC/DC voltages from 11-25 Volts. This waterproof 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.

This LED light produces 17,500 lumens with a color temperature of 5000K and a color rendering index of 75 which produces colors and details much more accurately than high pressure sodium or mercury vapor luminaries. We also offer a 3000K warm white and 4000K natural white color temperature options (longer lead times may apply for non-standard temperatures). The GAU-LED-160W-RT-480V offers an adjustable mounting system that this fixture to be mounted to any flat surface including walls and ceilings.

High Quality Features

1. Low power consumption.

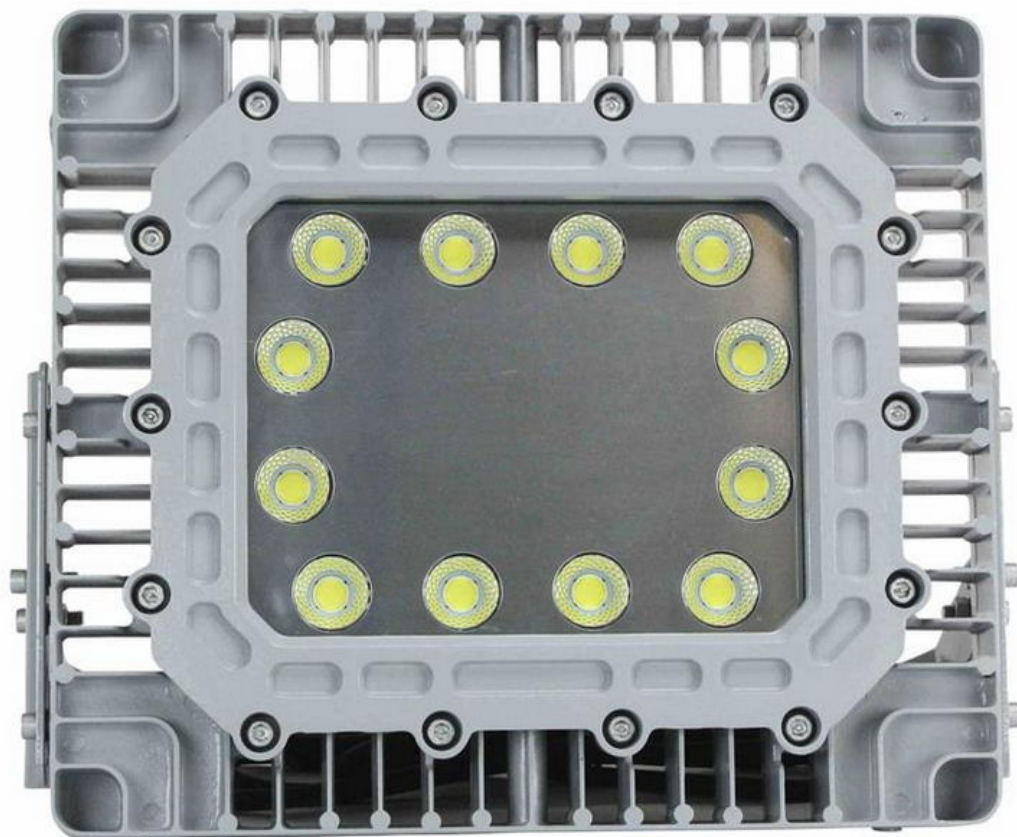
Superior LED Benefits

1. 60,000 hour lifespan.

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| <ul style="list-style-type: none">2. Instant on/off operation.3. Fixture constructed of extruded corrosion resistant copper free aluminum alloy.4. Superior color rendering compared to HPS, LPS, MH.5. Retains 80% lumen output after 60,000 operating hours.6. Powder coated aluminum fixture body.7. Pendant and Swivel Bracket mount included8. Low profile - Light weight9. 17,500 Lumen output from only 150 watts | <ul style="list-style-type: none">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 LED 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-LED-160W-RT-480V

Product ID: 104989

Warranty: 60 Months

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

GAU-LED-160W-RT-480V-Beam Angle-Color Temp

Example: GAU-LED-160W-RT-480V-60B-56K

Beam Angle	
60°	-60B
125°	-125B

Color Temp	
5600K	-56K
4500K	-45K
3000K	-30K

Links (Click on the below items to view):

- [Dimensional Drawing 2D](#)
- [Operations Manual](#)
- [STEP File \(3D CAD Model\)](#)
- [Wiring Diagram \(Online\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [HigResPic8](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)