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GAU-31L-LV

31 Watt Low Voltage LED Fixture for Industrial Lighting - Adjustable Trunnion U-Bracket Mount

Product ID: 71065

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-31L-LV Industrial LED Light
Lamp Type: LED
Lamp Dimensions (w/o Bracket): 6.9" Diam"- 2.9"-Depth
Lamp Dimensions (w/ Bracket): 4.63"-H 7.25" W"
Weight: 4.5lb | 2.05 k g
Watts: 31.6 W @ 12 VDC | 33.6 W @ 24 VDC
Voltage: 12-28V DC
Lumens: Spot: 2334 - Flood: 1996
Lamp Life Expectancy: 100,000 Hours
CRI: CW: 75, NW: 75, WW: 80
Amps: 2.64 A @12 VDC - 1.4 A @ 24 VDC
Light Color: CW: 6500K, NW: 4300K, WW: 3500K
Beam Type: 30° Spot or 100° Flood
Mounting: 1/4" - 20 Screws /Aluminum 1" Yoke
Materials: Machined aluminum housing - acrylic lens
Housing Finish: Clear anodized finish
Temp Range: -40°C to +85°C
Typical Case Temperature: ~20°C above ambient temperature
Wiring: 5Ft Lead | White: + Black: -

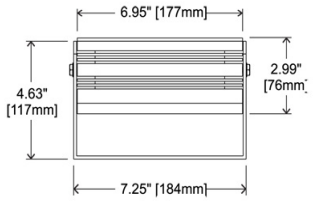
ETL Listed
CSA 22.2 No. 250.0
IP66 Ingress Protection
UL 1598
T3 Temperature Rating
LM-80 > 60,500 hrs (based on Cree long term tests)

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

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The GAU-31L-LV is a low voltage industrial lighting solution approved for outdoor environments and IP66 waterproof for use in wet locations. This powerful LED light produces 2334 lumens, operates from 12 or 24 VDC, and is available in a variety of

configurations to allow tailoring to the specific requirements of various applications.
The GAU-31L-LV is designed to provide a high output and ruggedly durable lighting solution for applications where corrosion resistance and waterproof light fixtures are required. This low voltage LED light can be operated with either 12 or 24 volt DC current and includes 5 feet of connecting lead with standard two wire configuration. This light is constructed of precision machined aluminum for excellent strength and durability, clear anodized for corrosion resistance, and is IP66 rated for ingress protection against dust and direct exposure to high pressure water spray.
The GAU-31L-LV is also available in a 30 degree spotlight beam configuration for distance and a 100 degree configuration for wide area illumination. The light output is offered in cool white, neutral white, and warm white color temperatures for maximum illumination. The high output, cool running operation, and good color rendering properties of this light make it an ideal replacement for older, bulkier, and less reliable metal halide and high pressure sodium lamps.



Click Photo to Enlarge

Durability: The GAU-31L-LV industrial grade LED light is constructed of machined aluminum for high strength and durability with a clear anodized finish for increased corrosion resistance. The housing is IP66 rated, providing protection against intrusion into the housing from dusts, dirt, oils and water directly sprayed on the housing at high pressure. This LED light is equipped with an impact resistant acrlyic lens for increased safety compared to glass lenses. This design is weather resistant, suitable for indoor or outdoor applications, and ideal for areas where wetness or dusty conditions are commonly encountered.
High Output LEDs: The LEDs in this unit are Cree X-Lamp XR-E units that have been chosen for their high lumen per watt ratio and extreme long life. These Cree LEDs provide over 90 lumens per watt output and have a 70% lumen retention at 100,000 hours, giving them better efficiency and operational life than comparable LEDs. These lights are available in a 30 degree spotlight configuration for long beam length or 100 degree flood configuration for wide area coverage. The GAU-31L-LV has multiple color temperature options and is offered in 6500K cool white with a color rendering of 75, 4300K neutral white with a color rendering of 75, and 3500K warm white with a color rendering of 80.
Mounting: Mounting for this unit is provided by an included aluminum yoke that allows vertical adjustment of the light once installed. The mounting yoke is 1 inch wide and predrilled with two ¼ inch holes spaced 2 inches apart for easy and secure mounting to flat surfaces. The entire assembly weighs 4.5 lbs and measures only 6.9 inches in diameter and 3 inches deep, making it ideal for mounting in areas where space is limited and a heavy fixture cannot be installed due to lack of support.
Wiring/Power: These industrial grade LED lights are equipped with 5 feet of cord containing a standard two wire (White+ Black-) connecting configuration. These lights operate from 12 to 24 volt DC current and draw 31 watts 2.64 amps on 12 VDC and 33 Watts 1.4 amps on 24 VDC.
Versatility: The GAU-31L-LV is ETL listed, certified to CSA 22.2 No. 250.0, and conforms to UL 1598. This unit carries an IP66 waterproof rating ensuring protection against ingress from dusts, dirt, oils and water sprayed at high pressure directly on the fixture. This light is ideal for indoor or outdoor applications and industrial operations where dusty or wet conditions are commonly encountered.

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Frequently Asked Questions (FAQ)

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GAU-31L-LV

Product ID: 71065

Export Control Classification Number (ECCN): EAR99

Options:

GAU-31L-LV-Beam Config-Color Temp

Example: GAU-31L-LV-SP-6500K

Beam Config	
SPOT	-SP
FLOOD	-FL

Color Temp	
CW 6500K	-6500K
NW 4300K	-4300K
WW 3500K	-3500K

Links (Click on the below items to view):

- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**