

GAU-PT-150LTL-LED-MOD1

150W High Intensity LED Light - 20,250 lms - High Mast Lighting - Pole Top Mount - High/Low Settings

Product ID: 222823

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-PT-150LTL-LED-MOD1 High Mast LED Light

Listing: -
Lamp Technology: CREE® LED
Dimensions: -
Weight: -
Voltage: Universal 120-277V AC
Total Watts: 150W
Total Lumens: 20,250 lms
Luminous Efficiency: 135 lm/w
LED Lamp Life: 80,000+ Hours
LED Color Temperature: Cool White - 5500-6500K
Color Rendering Index: -
Beam Configuration: 10° Spot, 24° Wide Spot, 38° Narrow Flood, 60° Flood or 90° Wide Flood
Lamp Type: -
Lamp Base: -
Replacement Lamp: -
LED Drive: 90%
Power Factor: -
Optics Efficiency: 98% - PMMA High Transmittance Optics
Amp Draw: 1.25A @ 120V, 0.625A @ 240V, 0.54A @ 277V
Light Settings: Off/Low/High

Quick Summary

400 Watt Metal Halide Replacement
Ambient Op Temp -40C to +80C
Ideal for Light Towers & LED Retrofits
98% Transmission High Purity PMMA Optics
Multiple LED Banks for Heat Dispersion
135 Lumens Per Watt Efficiency
70% Lumen Retention after 80,000 Hours
UL1012 Compliant
UL60950-1 Compliant
CE Certified
RoHS Compliant
IP67 Rated Waterproof

Ambient Temperature Range: -40°C to +80°C

Materials: Die Cast Aluminum Housing, PMMA Optics

Mounting: Pole Top Slip Fit

Pole OD Options: 1.5", 2", 2.125", 2.25", 2.375", 2.5", 2.75", 3" or 4"x4"

Wiring: 2.5' Pigtail w/ Flying Leads

Housing Color: Natural Aluminum

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

The Larson Electronics GAU-PT-150LTL-LED-MOD1 High Intensity LED Light offers powerful light output from elevated positions, when mounted on top of a pole. Producing 20,250 lumens, a 1.25 amp draw at 120V, 80,000-hour service life, 120-277V AC compatibility and IP67 waterproof rating, this LED flood light provides operators with a rugged and powerful LED alternative to 400 watt metal halide lamps that uses little power and can withstand rugged use and abusive conditions.

The GAU-PT-150LTL-LED-MOD1 from Larson Electronics produces 20,250 lumens of high intensity light while drawing only 150 watts at 1.25 amps from a 120 volt electrical system. Sixteen CREE® high output LEDs producing 1,350 lumens each are arranged in rows and paired with PMMA high purity optics to produce a well focused 24° wide spot beam that is ideal for providing far reaching concentrated illumination while still covering a substantial amount of area. We also offer optional optics with 10° spot, 38° narrow flood, 60° flood, and 90° wide flood beam spreads. The spot beams are tightly focused and are designed for high elevation mounting to achieve distance, making spot versions ideal for high mast and spots lighting. The flood beams are designed to provide more light over a larger area nearer the fixture, making flood versions ideal for use as dedicated work and area lights.

This unit features a removable switch, which allows operators to select off/low/high light output settings during use.

These lights are ideal replacements for fragile and hot running 400 watt metal halide lamps. They offer low power requirements, high durability and a versatile mounting system that makes these LED light emitters a superior lighting solution for demanding applications where power and reliability is critical. The heavy duty design and high power of these LED lights also makes them suitable for a wide array of applications including but not limited to: high mast lighting, light towers, light plant LED retrofits, military, mining, industrial manufacturing, machine visioning, security and law enforcement, commercial structure illumination, sport complexes, billboards, race tracks, and parking lots to name a few.

Heat Management: Heat is the single largest factor in premature LED failure and color shifting. These LED units feature individual heat sinks per bank of six LEDs to control heat buildup rather than utilizing a single housing to dissipate heat. This allows for more thorough cooling of the LEDs for extended operating periods. This allows the LEDs to be driven at up to 90% capacity without overheating or visible loss of light output. The end result is more light with less heat and longer LED life with an average 70% lumen maintenance after 80,000 hours.

GAU-LTL-150W-LED Still Operates After 30ft Fall

Durability: As well as unparalleled heat control, the GAU-PT-150LTL-LED-MOD1 series of LED lights from Larson Electronics also offer IP67 rated construction that is designed to withstand extremes of environmental and operating conditions. These units can withstand rapid temperature changes of -40° Celsius to +80° Celsius, are waterproof, and resist ingress of dust, dirt and humidity. The housings are formed from die cast aluminum and the optics are high transmission PMMA with 98% light transmittance. The CREE® LEDs help these units achieve resistance to vibrations and are rated at 70% lumen maintenance after 80,000 hours of use. We recommend these LED lights for use in applications where a lot of vibration, dust, dirt, dampness and abusive working conditions are encountered.

Mounting: The pole top slip fit mount LED light features an adjustable swivel bracket constructed of 3/8" aluminum that allows over 270° of adjustment and is attached to a slip fit yoke for easy installation. The slip fit yoke is built to

customer`s specs, enabling operators to mount this LED light to their specific pole size. For example, selecting a 2" OD mount means that the yoke mount will fit onto pipes or bull horns with a 2" OD. The entire selection of outside diameters is listed below in the specifications section.

Applications: Pole lighting, tower lighting, wide-area illumination, elevated illumination, outdoor locations, industrial sites and more.

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.

Frequently Asked Questions (FAQ)



GAU-PT-150LTL-LED-MOD1

Product ID: 222823

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

GAU-PT-150LTL-LED-MOD1-Beam Config-Color Temp-Pole OD

Example: GAU-PT-150LTL-LED-MOD1-10SP-5300K-1.5in

Beam Config	
10° SPOT	-10SP
25° WIDE SPOT	-25WS
40° NARROW FLOOD	-40NF
60° FLOOD	-60F
90° WIDE FLOOD	-90WF

Color Temp	
COOL WHITE	-5300K
WARM WHITE	-4000K

Pole OD	
1.5	-1.5in
2	-2in
2 1/8	-2.125in
2 1/4	-2.25in
2 3/8	-2.375in
2 1/2	-2.5in
2 3/4	-2.75in
3	-3in
4X4	-4x4

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- [HigResPic1](#)
- [HigResPic2](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)