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## GAU-EMG-18H-1L-LED

# 14W Outdoor Emergency LED Light - 35aH Battery, 18-hour Runtime - Test Switch - Marine Rated

**Product ID: 147409**

**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-18H-1L-LED Outdoor Emergency LED Light**

**Lamp Type: LED**
**Dimensions:** 34"x3" - Lamp; 12"x12"x11" - Enclosure
**Weight:** 25 lbs
**Voltage:** Universal- 100-277V AC
**Battery Capacity/Runtime:** 35aH Battery; 18-hour Runtime
**Total Watts:** 14W
**Total Lumens:** 1,750
**Luminous Efficacy:** 125 Lm/W
**LED Lamp Life Expectancy:** 50,000+
**Color Temp:** 5,600K
**Color Rendering Index:** >80
**Beam Angle:** 150°
**Amp Draw:** 0.23 amps @ 120 volts
**Power Efficiency:** 90%
**Power Factor:** >0.95
**Operating Temperature Range:** -40°C to +85°C
**Housing/Lens Material:** Polycarbonate
**Enclosure Material:** 1/8" Marine Grade 5052 Aluminum
**Gasket:** Silicone
**Mounting:** Wall

**Ratings**

Wet Area Approved
IP66 and Marine Rated
Corrosion Resistant
Test Switch
NEMA 3 Weatherproof Enclosure
Serviceable LED Tube
UL 1598A LED Assembly
CSA 22.2 No 250.0 LED Assembly
Security Lock w/ Key
Diffused or Clear Lens Options

**Special Orders - Special Requirements**

Contact us for special requirements

**Toll Free:** 1-800-369-6671
**Intl:** 1-903-270-1187

## Made in Texas

**The GAU-EMG-18H-1L-LED Outdoor Emergency LED Light from Larson Electronics offers powerful illumination during critical operations in outdoor environments. This marine rated unit features an impact/shock resistant no-glass, polycarbonate T8 LED lamp that is attached to the bottom of a weatherproof, NEMA 3 enclosure. The emergency backup light operates on 120-277V AC (universal) and is supported by a 35aH battery, which offers a runtime of 18 hours. A test switch is available for operational testing. Hardwiring is possible via a 3/4" NPT hub on the side of the enclosure.**

The GAU-EMG-18H-1L-LED is a T8 tube style lamp that produces 1,750 lumens of white light with a color temperature of 5,600K while consuming 14 watts. The unit may be mounted on walls at various heights for elevated illumination. A 35aH battery supports the lamp when power from an electrical source is not available, allowing continuous operation for up to 18 hours. An accessible test switch ensures reliable operation. Operators may hardwire to this fixture via a 3/4" NPT hub. The enclosure is NEMA 3 rated for weatherproof protection and comes with a security lock/key.

This unit clearly and directly illuminates work areas while eliminating dark spots and shadows, making it ideal for outdoor work environments where bright uniform light and excellent color rendering are crucial to completing tasks safely. The luminary is available in either a diffused lens or clear lens.

The GAU-EMG-18H-1L-LED is designed to withstand the challenges and rigors of wet environments and harsh conditions, including extreme temperature changes. With a tough, shatter resistant polycarbonate lens, this compact and rugged IP66 rated light can withstand high pressure jets in washdown areas such as those found in food preparation and sanitation operations.

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**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.

**Applications:** Outdoor/indoor environments, emergency services/sites, military camps, remote shelters/camps, outdoor bases, industrial facilities 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.

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1. Low power consumption.
2. Instant on/off operation.
3. Machined aluminum body.
4. Superior color rendering compared to fluorescent and incandescent illumination.
5. Retains 70% lumen output after 50,000 operating hours.
6. Low profile - Lightweight
7. 1,750 Lumen output from only 14 watts.
8. Test switch available for testing operation.
9. Field serviceable LED tube.
10. 3/4" NPT hub for hardwiring applications.

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 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)

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**GAU-EMG-18H-1L-LED**

**Product ID: 147409**

**Harmonized System (HS) Code:** 9405.41.84.10

**Export Control Classification Number (ECCN):** EAR99

**Options:**

**GAU-EMG-18H-1L-LED-Lens Type**

**Example: GAU-EMG-18H-1L-LED-Diffused**

| Lens Type | |
|---|---|
| DIFFUSED | -Diffused |
| CLEAR | -Clear |

Links (Click on the below items to view):

- **HigResPic1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**