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GAU-LI-EMG-24-U16-LED-WCM

112W 2X2 Vapor Proof Lay-in Troffer Mount LED Fixture w/ Emergency Backup - 120/277V AC - IP65 Water

Product ID: 149479

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-LI-EMG-24-U16-LED-WCM Lay-in Troffer Mount w/ Emergency Backup Battery LED Fixture

Lamp Type: LED
Dimensions: 23 3/4"-L x 23 3/4"-W x 8"-D
Flange Dimensions: 24"-L x 24"-W
Weight: 20 lbsSuitable Replacement for HID, MH, or HID
Total Watts: 112W (Array: 111.5W, System: 125W)
Voltage: 120-277V AC @ 50/60 Hz
Lumens: 14,952
LED Light Color: White
Correlated Color Temperature: 5,000K
Color Rendering Index: 80+
LED Life Expectancy: 50,000+ hours
Ambient Operating Temp Range: -40°C to +50°C
Housing Material: Die Cast Aluminum Housing
Finish: Powder Coated Over Chromate Conversion Coating
Lens Material: Clear Flat Glass
Mount: Recessed Mounting
Housing Color: White
Wiring: Flying Leads

Ratings/Approvals

IP65 Waterproof
Listed for Wet Locations
Vapor Proof
Battery Backup For Emergencies

Special Orders - Special Requirements

Contact us for special requirements

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The GAU-LI-EMG-24-U16-LED-WCM Vapor Proof Lay-in Troffer Mount LED

Fixture with Emergency Backup offers high light output from a compact form factor, making it suitable for commercial space lighting, such as offices, gas stations, hallways and schools. This 112-watt LED light operates on 120-277V AC @ 50/60 Hz, providing versatile power connection options and the ability to run the unit with commonly encountered 120-220V AC voltages. The LED lamp features IP65 waterproof protection, and an emergency battery backup that will run for 90 minutes after power is lost.

The GAU-LI-EMG-24-U16-LED-WCM is a powerful, vapor proof lighting solution for general area lighting systems and commercial, indoor spaces. The 112-watt lamp runs on common 120-277V AC voltages, which can be found in most mainstream facilities and buildings. During operation, the light emits 14,952 lumens with a color temperature of 5,000K and CRI rating of 80+. For advanced protection in wet locations, this luminary is reinforced with IP65 waterproof features.

The LED lamp is constructed of die cast aluminum with a powder coat finish over a chromate conversion coating. A clear flat glass lens ensures transparency during illumination. This fixture is designed for recessed mounting and requires a mounting hole to be made in the ceiling or preferred surface.

We have added a battery backup unit that adds emergency light functionality to this fixture. This emergency battery backup will run one bulb at the standard UL suggested 90 minutes after power is lost at 3,500 lumens. The light recharges the battery once electrical power is restored. Standard configuration includes a single emergency battery backup that is automatically recharged and kept in a ready state. This LED will operate at 20% power when switched into battery backup mode. The battery backup unit includes a switched leg for turning the light fixture on/off without kicking the unit into emergency mode.

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: Office lighting, commercial spaces, ceiling lighting systems, indoor lighting, lobbies, hallways, conference/meeting rooms, gas stations, schools 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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Frequently Asked Questions (FAQ)

GAU-LI-EMG-24-U16-LED-WCM

Product ID: 149479

Warranty: 36 Months

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

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