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GAU-ID-EMG-48-2L-LED-G3

36W LED Strip Fixture - (2) 48" G3 T8 Style LED Tubes - 22G Steel - 90 Mins Battery Backup

Product ID: 150822

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-ID-EMG-48-2L-LED-G3 LED Strip Fixture

Lamp Type: (2) LED T8-Style Tubes
Dimensions: 48" x 2" x 4.25"
Weight: -
Voltage: 120/277V AC 50/60Hz
Total Watts: 36W
Total Lumens: 4,500
Luminous Efficiency: 125 lm/w
Lamp Life Expectancy: 50,000+ Hours
Color Temperature: 3000K, 4500K or 5600K
Color Rendering Index: >80
Beam Angle: 150°
Lighting Configuration: Flood Pattern
Power Efficiency: 90%
Power Factor: >0.95
Battery Backup: Single Lamp - 90 Mins
Ambient Temperature Rating: -40°C to +65°C
Materials: 22G Steel Housing, Polycarbonate Lens
Lens: Clear, Frosted or Heavy Frosted
Mount: Surface, Chain or Double Stem

Ratings/Approvals

Replacement for Fluorescent Lamps
80% Lumen Retention @ 50,000+ Hours
Single End Powered
90 Mins Battery Backup

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187

Socket Type: Non-shunted

E-mail: sales@larsonelectronics.com

The Larson Electronics GAU-ID-EMG-48-2L-LED-G3 LED Strip Fixture is an excellent choice for replacing traditional T8 fluorescent lamp fixtures with energy efficient LEDs. This 36-watt unit is equipped with two, 18-watt LED T8-style tubes. Constructed of steel (housing) and polycarbonate (lens), the LED strip fixture is compatible with universal 120-277V AC voltages. This LED light comes with a battery backup system, ensuring single-lamp operation for up to 90 minutes during power outages and emergencies.

The GAU-ID-EMG-48-2L-LED-G3 is an energy efficient and powerful lighting solution for industrial facilities, general locations and more. This 36-watt LED strip fixture is equipped with two of our second generation 18-watt LED tubes. Efficiency per LED tube is 125 lumens per watt, for a total of 2,250 lumens per bulb. We offer a choice of 3000K warm white, 4500K natural white and 5600K cool white color temperatures and clear, frosted or heavy frosted lenses.

The internal LED driver is a "smart" driver, sensing the incoming voltage and adjusting accordingly to provide the current required by the lamp. This allows operators to simply wire the fixture to voltage within the 120V AC or 277V AC, no modifications required.

The GAU-ID-EMG-48-2L-LED-G3 is constructed of die-formed and embossed 22-gauge steel, with a polycarbonate lens. For durability, the unit is finished with high reflectance, baked white enamel. In the event of emergencies or power failure, the LED fixture will continue to operate for 90 minutes (single lamp).



Click Photo to Enlarge



Click Photo to Enlarge

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.

LED Lamp Benefits

Mounting: The GAU-ID-EMG-48-2L-LED-G3 is compatible with surface mounting, chain (hanging) and double-stem mounting configurations. For seamless installations, wiring knockouts are provided on the back and end of the

housing. For continuous row mounting requirements, the end plate can be used as a coupler.

Applications: Warehouses, industrial work sites, loading bays, control rooms, general locations, gymnasiums, schools, commercial locations, offices, buildings 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)



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GAU-ID-EMG-48-2L-LED-G3

Product ID: 150822

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

GAU-ID-EMG-48-2L-LED-G3-Color Temp-Diffusion

Example: GAU-ID-EMG-48-2L-LED-G3-30K-CLR

Color Temp	
3000K	-30K
4500K	-45K
5600K	-56K
7500K	-75K

Diffusion	
CLEAR	-CLR
FROSTED	-FRST
HEAVY FROST	-HIFRST

Links (Click on the below items to view):

- **Operations Manual**
- **Wiring Diagram (Oneline)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**