

56W Vapor Proof LED 4' Light for Outdoor Applications - 125VDC - Emergency Battery Backup - Failsafe

Part #: [GVP-EMG-48-2L-LED-125VDC](#)



Made in the USA

The GVP-EMG-48-2L-LED-125VDC from Larson Electronics that is similar to our popular explosion proof LED fixtures and provides an LED alternative to fluorescent fixtures that provides longer lamp life and higher performance. These 2 LED tube lamp fixtures produce more output with longer lamp life and are vapor proof and impact/ vibration resistant. Please note that this unit is vapor proof and not approved for use in hazardous locations.

The GVP-EMG-48-2L-LED-125VDC is equipped with two specially designed LED T8-series bulbs which produce 3,500 lumens each and have a correlated color temperature of 5,600K. The GVP-EMG-48-2L-LED-125VDC, four foot long, two lamp LED light fixture is designed for those who wish to replace or upgrade from fluorescent equipped fixtures and offers better light output and longer lamp life with reduced maintenance costs. With no ballast and solid state LED light tubes, this fixture draws less than 0.5 amps of power while offering durability and versatility that common fluorescent fixtures cannot match.

We have eliminated the ballast box normally associated with fluorescent fixtures which reduces overall weight and creates a slimmer unit profile. There is no ballast in this unit and the included LED lamps have a 50,000+ hour service life, both of which result in extreme efficiency and greatly reduced maintenance costs. The solid state design of the LED lamps give this fixture superior resistance to damage from vibration, extremes in temperature, and a lamp service life over twice that of standard fluorescent bulbs.

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.

This emergency LED light works, mounts and is wired like our GVP-48-2L-LED vapor proof LED light fixtures. The main difference is that we add a battery backup unit that adds emergency light functionality to the 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. The battery backup unit includes a switched leg for turning the light fixture on/off without kicking the unit into emergency mode.

The 24 watt LED lamps produce more illumination than standard fluorescent T8 bulbs. The GVP-EMG-48-2L-LED-125VDC operates on 125 V DC. Integral aluminum heat sink tube backings provide cool operation and long LED life, while a simple latching system seals the lens cover to the housing and provides easy access for re-lamping.

	<u>T5HO</u>	<u>T8</u>	<u>LED</u>
Wattage	108 watts	64 watts	56 watts
Amp Draw @ 120 V AC/DC	0.90 amps	0.54 amps	0.47 amps
Lamp Life Expectancy	20,000 hours	24,000 hours	50,000 hours
Operation cost per year (12hs/day @ 12c/kWh)	\$56.77	\$33.64	\$29.43

This unit is designed to be either surface mounted or hung from cable or chain and includes built in mounts. The GVP-EMG-48-2L-LED-125VDC light fixture is ideal for indoor-outdoor applications and suitable for use as general area lighting, shop lighting, work space lighting, garage and warehouse lighting, and anywhere a rugged and dependable fixture with high output and efficiency is needed. This light comes with a multi-purpose mounting bracket that can be used for a direct surface mount or reversed and used for chain hanging the unit.

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.

Specifications / Additional InformationGVP-EMG-48-2L-LED-125VDCFeatures

Lamp Type: 2 LED Tubes

Dimensions: 49-3/4"L x 5-7/8"W x 4-3/16"H

Weight: 9 lb

Total Watts: 56 watts

Voltage: 125 V DC

LED Lamp Life Expectancy: 50,000+ Hours

Beam Angle: 160°

Ambient Temp: -40°F to 150°F

Efficiency: 90 Lm/W

Total Lumens: 3,500

Color Temp: 5600K

Mounting: Surface or Chain Standard

Wiring: Pigtail

High Output T8 Style LED Tube Lamps

50,000+ Hour LED Life Span

Reduced Energy Consumption With Improved Output

Vapor Proof

Vibration Shock Resistant

ETL Approved for Wet Locations

DCL Approved

Switch Leg for Powering Light On/Off

Special Orders- Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-214-616-6180

E-mail: sales@larsonelectronics.com

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Links (Click on the below items to view):

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