

GVP-EMG-24-2L-LED-125VDC

Vapor Proof Emergency LED 2 Foot Light for Outdoor Applications - 125V DC

Product ID: 280520

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.

GVP-EMG-24-2L-LED-125VDC Vapor Proof LED Fixture

Lamp Technology: LED

Lamp Qty: (2)

Dimensions: 25"L X 5-7/8"W X 4-3/16"H

Weight: 4 lbs

Voltage: 120V DC

Total Watts: 28W

Single-lamp Watts: 14W

Total Lumens: 3,500 lms

Single-lamp Lumens: 1,750 lms

Luminous Efficacy: 125 lm/w

Lamp Life: 50,000+ Hours

Color Temp: 5600K, 4500K, 3000K

Color Rendering Index: >80

Beam Angle: 160°

Light Configuration: Flood

Power Efficiency: 90%

Power Factor: >0.95

Battery Backup Runtime: 90 Minutes

Emergency Mode Lumens: 1,750 lms

Amps: -

Ratings

High Output T8 Style LED Tube Lamps

50,000+ Hour LED Life Span

Reduced Energy Consumption With Improved Output

Vapor Proof

Vibration/Shock/Impact Resistant

Battery Backup

Special Orders - Special Requirements

Ambient Operating Temp Range:-30° C to +85°C
Housing Material: Polycarbonate
Lens Material: Polycarbonate
Mounting: Surface or Chain Standard
Hub Size: 1/2"

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

Made in the USA

The Larson Electronics GVP-EMG-24-2L-LED-125VDC Vapor Proof Emergency LED Light Fixture is similar to our popular explosion proof LED fixtures and provides an LED alternative to fluorescent fixtures for longer lamp life and higher performance. These two-foot LED fixtures are impact/vibration resistant and operate on 125V DC. Please note that this unit is vapor proof and not approved for use in hazardous locations.

The GVP-EMG-24-2L-LED-125VDC is equipped with two specially designed LED T8-series bulbs which produce 1,750 lumens each and have a correlated color temperature of 5,600K, 4,500K, or 3,000K. The GVP-EMG-24-2L-LED-125VDC, two-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 offers exceptional durability and versatility that common fluorescent fixtures cannot match.

Emergency Mode: This emergency LED light works, mounts and is wired like our GVP-EMG-24-2L-LED vapor proof LED light fixtures. The main difference is that we added a battery backup unit that facilitates emergency light functionality. This vapor proof emergency light will run one bulb at the standard UL suggested 90 minutes after power is lost at 1,750 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.

We have eliminated the ballast normally associated with explosion proof fluorescent fixtures which reduces overall weight and overall complexity of installation. There is no ballast in this unit and the included [LEDT8-24-V1](#) LED lamps have a 50,000+ hour service life, both of which result in extreme efficiency and greatly reduced maintenance costs. These fluorescent LED lamps have internal drivers, eliminating external power components. 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. This second generation lamp is offered in 5600K cool white, 4500K natural white, and 3000K warm white. Our standard unit ships with 5600K unless different color temperature is specified.

Unlike the glass tube design of traditional fluorescent lamps, these LED T-Style lamps have no filaments or fragile housings to break during operation. Instead of using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current applied and emitting light. The LED assembly is mounted to the "tube" constructed from extruded aluminum, with a polycarbonate lens protecting the LEDs. With LED lights, there is no warm up time or cool down time before re-striking and provide instant illumination when powered on, adding to the reliability of LED technology. By nature, LED light sources run significantly cooler than fluorescent lamps, reducing the chance of accidental burns and increased temperatures due to heat emissions. This solid state design of light emitting diodes provides a more reliable, stable, durable, and energy efficient light source over traditional fluorescent lighting.

Voltage: The LED fixture operates on 125V DC.

Wiring: A 1/2" hub is available for completing wiring or power connections.

Mounting: This LED light comes with a multi-purpose mounting bracket that can be used for a direct surface mount or reversed and used for chain hanging installations.

Applications: The GVP-EMG-24-2L-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.

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)

GVP-EMG-24-2L-LED-125VDC

Product ID: 280520

Warranty: 36 Months

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

GVP-EMG-24-2L-LED-125VDC-Color Temp

Example: GVP-EMG-24-2L-LED-125VDC-56K

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

Links (Click on the below items to view):

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