

GVP-48-2L-LED-48VDC-R2

56 Watt Vapor Proof LED 4 Foot Light for Outdoor Applications - 48V DC - IP67 Waterproof

Product ID: 268310

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-48-2L-LED-48VDC-R2

Listing: United States - Canada

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

Weight: 5 lbs

Voltage: 48V DC nominal (input range of 37-60V DC)

Total Watts: 56W

Total Lumens: 7,000

Luminous Efficacy: 125 Lumens per Watt

LED Lamp Life Expectancy: 50,000+ Hours

Color Temp: 5600K, 4500K, 3000K

Color Rendering Index: >80

Beam Angle: 160°

Power Efficiency: 90%

Power Factor: >0.95

Ambient Operating Temp Range: -40° C to +65°C

Mounting: Surface or Chain Standard

Wiring Hub: 1/2" NPT

Features

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

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

E-mail: sales@larsonelectronics.com

The Larson Electronics GVP-48-2L-LED-48VDC-R2 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 LED two lamp fixtures produce more output with longer lamp life and are vapor proof and impact/ vibration resistant. This vapor proof LED light is ideal for applications such as ships, offshore

applications, marine (saltwater) use, manufacturing, water treatment centers, shopping malls, parking structures, and outdoor flood lighting.

Please note that this unit is vapor proof and not approved for use in hazardous locations.

This four foot long, two lamp LED fixture is ideal for operators seeking a top quality vapor proof light that will reduce operating costs, improve lighting quality and reduce downtime incurred from frequent servicing intervals. The GVP-48-2L-LED-48VDC-R2 LED light fixture is designed for use in wet areas and saltwater-marine environments where corrosion resistance is critical to equipment longevity and safety. This fixture is equipped with two specially designed LED T8 style LED bulbs which produce 3500 lumens each and have a color temperature of 5600K or 4500K. The GVP-48-2L-LED-48VDC-R2, 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 1 amp of power while offering durability and versatility that common fluorescent fixtures cannot match.

We now offer our second generation LED tube lamps with this fixture which have increased this hazardous location light's performance. This two lamp HAZLOC LED linear fixture is lighter in weight and produces more light than hazardous location fluorescent fixtures. The four foot long LED tube design bulbs included with this unit are rated at 50,000 hours of service life, which is over twice as long as standard T8 bulbs.



[Click Photo to Enlarge](#)

We have eliminated the ballast normally associated with fluorescent fixtures which reduces overall weight and overall complexity of installation. There is no ballast in this unit and the included [LEDT8-56W-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.

The 56 watt LED lamps produce 30% more illumination than standard T8 bulbs

while offering lower amp draw and increased reliability. Each lamp produces 3,500 lumens at 125 lumens per watt, for a combined 7,000 total lumen light output. A four foot, two lamp T8 fluorescent light, with a combined total of 64 watts, draws 1.16 amps at 48 volts DC.

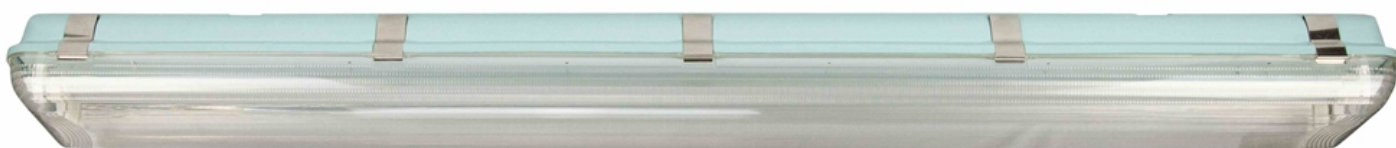
This unit is designed to be either surface mounted or hung from cable or chain and includes built in mounts. The GVP-48-2L-LED-48VDC-R2 light fixture is ideal for indoor-outdoor applications and suitable for use as general area lighting, shop lighting, work space lighting, garage and warehouse lighting, 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.

Superior LED Benefits

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 LEED 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)









GVP-48-2L-LED-48VDC-R2

Product ID: 268310

Warranty: 60 Months

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

GVP-48-2L-LED-48VDC-R2-Color Temp

Example: GVP-48-2L-LED-48VDC-R2-56K

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

Links (Click on the below items to view):

- [Beam Information \(Coverage, Datafile\)](#)
- [LM80](#)
- [Operations Manual](#)
- [Photometric Flood Report](#)
- [Photometric Indoor Report](#)
- [Photometric Polar Graph](#)
- [Spectrum Curve \(Wavelength Graph\)](#)
- [Wiring Diagram \(Online\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [HigResPic8](#)
- [HigResPic9](#)
- [HigResPic10](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)