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GVP-24-1L-LED-D-V2-DNMS

14W Vapor Proof LED Fixture - 0-10V Dimmable - Motion + Day/Night Sensor - 120-277V AC or 11-25V AC

Product ID: 150205

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-24-1L-LED-D-V2-DNMS

Lamp Type: 0-10V Dimmable LED

Listing: United States - Canada

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

Weight: 2 lbs
Voltage: Universal 120-277VAC 50/60 Hz or 11-25V AC/DC
Total Watts: 14 watts
Total Lumens: 1,750

LED Lamp Life Expectancy: 50,000+ Hours

Luminous Efficiency: 125 Lumens per Watt
Color Temp: 5600K, 4500K, 3000K
Color Rendering Index: >80
Beam Angle: 160°
Power Efficiency: 90%
Power Factor: >0.95
Ambient Operating Temp Range:-30°C to +85°C
Housing Material: Polycarbonate

Lens Material: Polycarbonate

Mounting: Surface or Chain Standard

Wiring: 1/2" Hub

Features

High Output T8 Style 0-10V Dimmable LED Tube Lamp
50,000+ Hour LED Life Span
Reduced Energy Consumption With Improved Output
Vapor Proof
Vibration/Shock/Impact Resistant
0-10V Dimmable
Motion + Day/Night Sensor
Extremely Versatile w/ Several Operation Modes
Adjustable for Sensitivity, Time Delay & Lux

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

Made in the USA

The GVP-24-1L-LED-D-V2-DNMS from Larson Electronics is a 0-10V dimmable LED fixture with Day/Night & Motion Sensing capability similar to our popular explosion proof LED fixtures, and provides an LED alternative to fluorescent fixtures that provides longer lamp life and higher performance. This two foot LED fixture produces 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-24-1L-LED-D-V2-DNMS is equipped with one specially designed LED T8-series bulb which produce 1,750 lumens each and has a correlated color temperature of 5,600K, 4,500K, or 3,000K. The GVP-24-1L-LED-D-V2-DNMS, two foot long, one lamp 0-10V dimmable 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 a solid state LED light tube, this 0-10V dimmable fixture draws less than 0.3 amps while offering durability and versatility that common fluorescent fixtures cannot match.

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 LEDT8-24-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.

This 14 watt dimmable LED lamp produces more illumination than standard fluorescent bulbs, but helps this unit draw only 1/3 of the current of comparable fluorescent fixtures. The GVP-24-1L-LED-D-V2-DNMS is multi-voltage and operates on any voltage from 110V to 277V AC 50/60hz. This LED fixture is 0-10V dimmable. 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.

This LED light fixture features 0-10V dimming capabilities. This gives operators the ability to manually adjust the brightness of the LED lamp quickly and easily. The 0-10V dimming allows for adjustments to fit the brightness needs of any lighting situation. A 0-10V dimmable light works through the use of a DC control signal that ranges between zero and ten volts. The basic idea is that at 10 volts of input the light is at its brightest level with 0 volts being the lowest possible dimness setting. The smooth, continuous and flicker-free dimming of a 0-10V dimmable LED light is ideal for a wide range of different lighting applications.

Sensor Technology: The GVP-24-1L-LED-D-V2-DNMS is equipped with an innovative and powerful day/night + motion sensor. This sensor, which is located

inside the light fixture itself, allows the GVP-24-1L-LED-D-V2-DNMS to operate in one of several different and versatile modes. This LED light fixture can be set to be motion activated, day/night activated or in a combination of motion sensing and day/night modes. This high-tech sensor is also highly adjustable and allows operators to modify the following settings: motion sensor sensitivity, motion sensor time-delay and the intensity output level of the fixture. Having this degree of flexibility in operation and settings offers operators an incredibly versatile light fixture.

Sensor Versatility: The impressive versatility of the motion + day/night sensor found in the GVP-24-1L-LED-D-V2-DNMS LED light fixture allows for a lot of creativity in the setup of a single one of these light fixtures. However, the versatility is further increased when multiple units are to be installed together such as in a parking garage or other similar structure. Operators can take advantage of the sensor versatility to set up an energy efficient and automated lighting setup. Take a parking garage for example. Operators would be able to set up a sequence of GVP-24-1L-LED-D-V2-DNMS fixtures with alternating lights on seperate circuits. The first circuit would have sensors set to a lower lux level than the fixtures on the second circuit. This hypothetical setup would allow half the lights to come on as daylight began to fade and the rest of the lights would only come on once complete darkness had fallen. The fixtures could then be adjusted for motion sensing which would allow selected fixtures to power on when pedestrian or vehicle movement was detected and then turn off after an operator chosen interval to conserve energy. This is just one example of the flexibility and versatility that can be achieved with the GVP-24-1L-LED-D-V2-DNMS.

This unit is designed to be either surface mounted or hung from cable or chain and includes built in mounts. The GVP-24-1L-LED-D-V2-DNMS 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.

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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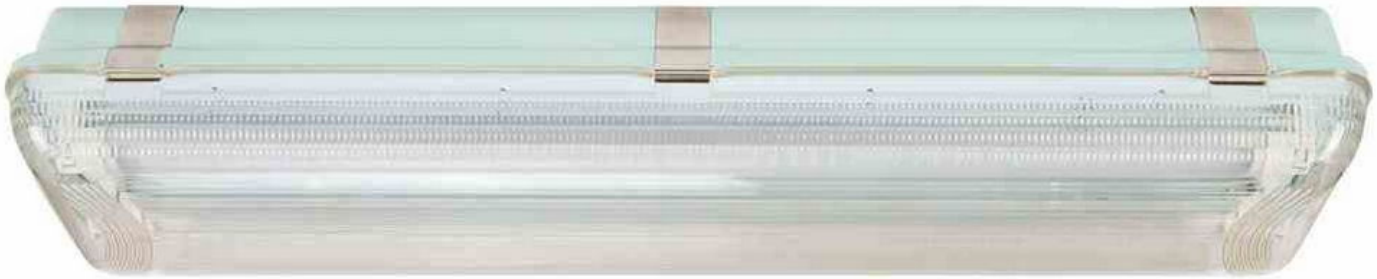
Frequently Asked Questions (FAQ)





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GVP-24-1L-LED-D-V2-DNMS
Product ID: 150205

Warranty: 36 Months

Harmonized System (HS) Code: 9405.41.84.10
Export Control Classification Number (ECCN): EAR99

Options:
GVP-24-1L-LED-D-V2-DNMS-Voltage-Color Temp
Example: GVP-24-1L-LED-D-V2-DNMS-1227-56K

Voltage	
120-277V AC	-1227
11-25V AC/DC	-1224

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

Links (Click on the below items to view):

- **Operations Manual**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **HigResPic9**
- **HigResPic10**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**