

EPL-TL-2X10W-C-OXM

Explosion Proof Two Color LED Light - C1D1 & C2D1 Oxygen Level Warning Light - Steady or Strobe

Product ID: 144431

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.

EPL-TL-2X10W-C-OXM Explosion Proof LED Stack Light

Lamp Type: LED

Dimensions:

Wattage: 10 Watts per Lamp - 20 Watts Max

Lamp Color: Green/Blue (other color configurations available upon request)

Voltage: 120-277 Volts AC, 11 or 25 Volts DC or AC

Mounting: Predrilled Aluminum Flat Surface Mounting Bracket

Temp Rating: T3C

Lighting Configuration: Steady Burn or Strobe - Mix/Match available

Lamp Life: 50,000+ Hours

Wiring: 10` SOOW Cable w/ Flying Leads

Mounting Dims: 22"L x 22"H x 12"D

Ratings/Approvals

Listed for United States & Canada

Class I, Division 1 & 2, Groups C and D

Class II, Division 1 & 2, Groups E, F and G

Class III, Division 1 & 2

IP67 (water proof)

T3C Temperature Rating

New York City Department of Buildings approved

Special Orders - Special Requirements

Contact us for special requirements

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E-mail: sales@larsonelectronics.com

Made in the USA

The EPL-TL-2X10W-C-OXM Class I Division 1 and Class II Division 1 Oxygen Level Warning Light from Larson Electronics is approved for use in wet locations and marine environments. This explosion proof LED light is designed for use in industrial environments where oxygen levels are monitored within the atmosphere and have the potential to fall below the

OSHA recommended oxygen concentration within the work environment.

The EPL-TL-2X10W-C-OXM explosion proof LED light from Larson Electronics is an ideal indicator lighting solution for industrial refueling stations, manufacturing facilities and areas where oxygen levels may be depleted within the workforce. The light housings are constructed with a polyester powder coated copper free aluminum casting that can withstand 1490 pounds PSI hydrostatic pressure. The mounting plate is constructed of non-sparking aluminum and can be custom built to customer specifications. This explosion proof green and blue indicator light has a 50,000 hour operational life and is available in 120-277V AC and 11 or 24V DC or VAC configurations for standard or low voltage operation.

Each lamp is equipped with a warning sign to indicate the status of oxygen levels within the environment. A green LED lamp illuminates the "OK" sign to indicate that the oxygen levels are satisfactory. A blue LED lamp illuminates the "Low O2" sign to indicate that oxygen levels have reached a unsatisfactory level.

Please note: This indicator lighting system does not monitor or measure oxygen levels. Customer provided equipment is required for the measurement of O2 levels within the hazardous location. The EPL-TL-2X10W-C-OXM provides a visual indication of levels and works in conjunction with existing monitoring systems. .

[Click Photo to Enlarge](#)

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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 explosion proof LED light carries a T3C temperature rating and has a -40°C to +85°C ambient operating temperature range. The EPL-TL-2X10W-C-OXM is Class I, Class II, Class III, Division 1 & 2 approved. Line-in supply power is provided by 10' of 16 AWG SOOW cable with flying leads. Individual leads per lamp allow independent operation, making this unit ideal for fuel depots and manufacturing facilities where status indicators are necessary. The individual leads can be connected to user provided terminal blocks or existing indicator systems. Unlike traditional indicator lamps that use a colored globe with low color temperature incandescent lamps, this explosion proof LED stack light incorporates a clear glass globe and colored LED lamps. By utilizing colored LEDs instead of tinted lenses or globes, the total visibility and light output is increased when compared to traditional colored lamps. This is particularly important for strobe configurations, increasing the peak candela of the signal during indications. The standard lamp configuration is red and green LED bulbs in a steady burn or strobing configuration. We offer a large assortment of lamp color options including red, green, blue, amber, purple, and white LED lamps. Please contact us for special lamp configurations. These stack lights can also be configured with audible horns.

This explosion proof fixture is configured for green and blue output (one lamp each color) offers exceptional lumen output, a 50,000+ hour life span, and the lamps are protected by Pyrex globes and cast aluminum globe guards. The LED lamps in this traffic light are 10 watts each and offer cool operation and clean bright output that surpasses that of 100 watt incandescent indicator lamps. Mounting is provided by a heavy gauge aluminum back plate fabricated from

copper free aluminum with four predrilled holes designed to be bolted to walls, ceilings, and flat surfaces for permanent and secure attachment. This hazardous location LED warning sign light is configured for green and blue output (one lamp each color) offers exceptional lumen output, a 50,000+ hour life span, and the lamps are protected by Pyrex globes and polycarbonate globe guards. The LED lamps in this indicator light are 10 watts each and offer cool operation and clean bright output that surpasses that of 100 watt incandescent indicator lamps. The EPL-TL-2X10W-C-OXM is designed for resistance to the damaging and corrosive effects of chemicals with polycarbonate construction instead of metal, and is ideal for locations where these hazardous compounds are commonly encountered. Mounting is provided by a heavy gauge aluminum base with four predrilled holes designed to be bolted to walls and flat surfaces for permanent and secure attachment.

Note on Lights: Please note, the color choices and light configuration of this unit can be customized to your requirements. We offer steady burn or strobing LED lamps, as well as high or low voltage configurations. Please contact us for special color configurations.

Voltages: 120-277VAC 50/60Hz, 11 or 25V AC/DC

Temp Code: Class I T3C Groups C and D, Class II - T3C Groups E, F and G

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)







EPL-TL-2X10W-C-OXM

Product ID: 144431

Export Control Classification Number (ECCN): EAR99

Options:

EPL-TL-2X10W-C-OXM-Voltage

Example: EPL-TL-2X10W-C-OXM-1227

Voltage	
120-277V AC	-1227
11V AC	-12VAC
25V AC	-24VAC
11V DC	-12VDC
25V DC	-24VDC

Links (Click on the below items to view):

- [Canadian CEC Certificate \(Commonly referred to as CSA Certificate\)](#)
- [CE Certificate](#)
- [Certificate 1, Misc](#)
- [Certificate 2, Misc](#)
- [Certificate 3, Misc](#)
- [MSDS \(Material Safety Data Sheet\)](#)
- [RoHS Certificate \(Restriction of Hazardous Substances\)](#)
- [SpecSheetSpanish](#)
- [USA NEC Certificate \(Commonly referred to as UL Certificate\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)