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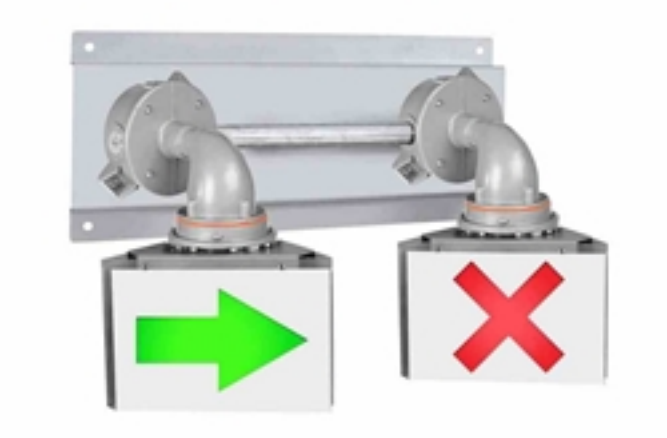
Explosion Proof Two Color LED Light - ATEX / IEC Ex - Zone 1 - Green Arrow and Red X Indicators

ATEX-EPL-TL-2X10W-C-GA.RX



ATEX-EPL-TL-2X10W-C-GA.RX Explosion Proof LED Stack Light

Lamp Type: LED
Dimensions:
Wattage: IEC EX - Ex tb IIIC T80C Db
Lamp Color: Green/Red (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
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

ATEX / IEC Ex Rated
IEC Ex - EX de II C T* Gb
ATEX - Ex II 2 GD Ex de II C T* Gb
ATEX - Ex II 2 GD Ex tb IIIC T80C Db
IP66 (water proof)
New York City Department of Buildings approved

Special Orders- Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
Fax: 1-903-498-3364
E-mail: sales@larsonelectronics.com

Made in the USA

The ATEX-EPL-TL-2X10W-C-GA.RX ATEX / IEC Ex Rated 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 and commercial environments.

The ATEX-EPL-TL-2X10W-C-GA.RX explosion proof LED light from Larson Electronics is an ideal indicator lighting solution for for industrial refueling stations, manufacturing facilities and so on. 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 red 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.

This explosion proof indicator light system is designed to be used in conjunction with weight switches, momentary push buttons, or other customer provided equipment. A green LED lamp on the left side illuminates an arrow signiling to move forward. A red LED lamp on the right side illuminates an "X", signiling to stop. The green LED is connected to a normally closed curcuit, while the red is connected to a normally open circuit. This means that, when the circuit is open, the red lamp will illuminate and when the circuit is closed, the green lamp will illuminate. This system is connected to customer provided pressure plates, such as weight stations and paint booths. When a vehicle or load is on the pressure plate,

the circuit to the lamp is open which activates the red "X", signiling for the vehicle to stop. When the vehicle or load is moved off the sensor, the circuit closes which activates the green arrow, signiling for the vehicle to go.
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.

ATEX / IEC Ex Ratings: The ATEX-EPL-TL-2X10W-C-GA.RX is an ATEX / IEC Ex rated light fixture. It features the following ratings: IEC EX - EX de II C T* Gb, IEC EX - Ex tb IIIC T80C Db, ATEX - Ex II 2 GD Ex de II C T* Gb, and ATEX - Ex II 2 GD Ex tb IIIC T80C Db.
This explosion proof LED light carries a T3C temperature rating and has a -40°C to +85°C ambient operating temperature range. 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.

This hazardous location LED warning sign light is configured for green and red 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 ATEX-EPL-TL-2X10W-C-GA.RX 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.
Voltages: 120-277VAC 50/60Hz, 11 or 25V AC/DC
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.

Warranty: 12 Months

Options:

ATEX-EPL-TL-2X10W-C-GA.RX-Voltage

Example: ATEX-EPL-TL-2X10W-C-GA.RX-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):

- large
- medium
- SpecSheet
- HigResPic1