

EPL-TL-1X10W-C-PA-AT-GSPB

Explosion Proof Signal Light w/ Gas Sensor, Audible Alarm - Propane/Butane - C1D1 - Timed Adjustment

Product ID: 149083

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-1X10W-C-PA-AT-GSPB Signal Stack Light w/ Alarm

Lamp Type: LED

Dimensions: -

Weight: -

Voltage: 120/240V AC or 24V DC

Watts: 10W (Lamp)

Lumens: 1,050

LED Lifespan Expectancy: 50,000+ Hours

Lighting Configuration: Steady Burn or Strobe

Sound Level: Up to 110dbAW @ 10ft from Horn

Max Amperage: 0.3A @ 120V, 0.15A @ 240V, 1.22A @ 24V

Temp Rating: T3

Materials: Aluminum

Mounting: Ceiling, Wall, Flat Surface

Wiring: 3/4" Hub - Flying Leads

Base: Pre-drilled Aluminum Base

Time Adjustment Range (Horn): 0.1 - 102.3s

Sensor Type: Electrochemical for Toxic Gases

Colors: Red, Green, Amber, Blue, White or Purple

Ratings/Approval

United States & Canada

Class I, Division 1 Groups C and D

Class II, Division 1 Groups E and F

Class III

Combustible Gas Sensor

IP67 Waterproof

New York City Department of Buildings Approved

Special Orders - Special Requirements

Contact us for special requirements

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Made in the USA

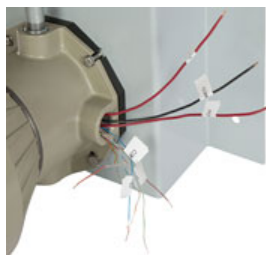
The EPL-TL-1X10W-C-PA-AT-GSPB Explosion Proof Signal Light from Larson Electronics is a cutting-edge LED warning system for flammable environments and facilities. This 10-watt explosion proof signal light is equipped with one LED strobing lamp, a toxic gas sensor and an audible horn. The IP67-rated unit supports ceiling, wall, flat or surface mounting configurations.

The EPL-TL-1X10W-C-PA-AT-GSPB is a fully functional LED warning system for flammable work sites. This unit consists of one explosion proof LED strobing lamp, an electrochemical toxic gas transmitter/sensor and an audible horn. The 10-watt LED indicator light operates on 120/240V AC or 24V DC for standard or low voltage operation. This component emits 1,050 lumens and is offered in the following color options: red, green, amber, blue, white, or purple.

The LED warning system is constructed of aluminum and is capable of withstanding 1,490 pounds PSI hydrostatic pressure. The entire unit is finished in a durable gray powder coat for resistance to corrosion. A NEMA 4X-rated explosion proof junction box protects the internal wiring and can be tapped in order to connect this stack light to power sources. This explosion proof signal light is durable, can operate in any weather condition and is rated for Class I, Division 1 and Class II, Division 1 areas where flammable gas and dust are present or have the potential to exist.



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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.

Horn: This LED stack light is equipped an explosion proof horn. Attached to the far end of the fixture, this audible horn provides operators with up to 8 different tones that can reach a peak output of 110dBA, powerful enough to be heard over industrial operations. The explosion proof audible alarm setup sounds a unique tone per the user setting.

Operators may customize the duration of the horn blast when the unit is triggered. DIP switch-selectable time delays include 0.1 - 102.3 seconds in three ranges. The time delay component features a solid-state build for increased reliability in industrial work sites. Please note that removing input voltage resets the time delay and the output.

Toxic Gas Sensor: A robust toxic gas sensor actively detects hydrocarbons for propane and butane in the flammable environment, with +/- 10 percent accuracy. This component features three programmable internal alarm relays for local

alarms and an LCD display for direct configuration. Internal data logger provides storage and recall of gas measurements. Four magnetic switches at the front of the transmitter is available for controls. Operators may set a 4-digit password to deter tampering.

Wiring/Mounting: The EPL-TL-1X10W-C-PA-AT-GSPB comes with a 3/4" NPT conduit access hub for completing wiring connections. Mounting is provided by a heavy gauge aluminum base with predrilled holes designed to be bolted to walls and flat surfaces for permanent and secure attachment. Power is provided by individual conductors to allow independent operation of each lamp and tone combination. Operators can tap the C1D1 junction box in order to connect to a power source.

Applications: Hazardous locations, chemical processing, flammable work sites, semiconductor plants, refineries, plastics manufacturing, agricultural sites, safety systems and more.

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.*

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-1X10W-C-PA-AT-GSPB

Product ID: 149083

Export Control Classification Number (ECCN): EAR99

Options:

EPL-TL-1X10W-C-PA-AT-GSPB-Voltage-Lamp Config-Lamp Color

Example: EPL-TL-1X10W-C-PA-AT-GSPB-120VAC-STB-RED

Voltage	
120V AC	-120VAC
240V AC	-240VAC
24V DC	-24VDC

Lamp Config	
STEADY BURN	-STB
STROBE	-STROBE

Lamp Color	
RED	-RED
BLUE	-BLU
GREEN	-GRN
AMBER	-AMB
WHITE	-WHT
PURPLE	-PRPL

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