Larson Electronics LLC
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EPL-TL-3X10W-C-PA

30W Explosion Proof LED Traffic Light w/ Signal Horn - C1D1 & C2D1 Signal Stack Light

Product ID: 69948

Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Image: EPL-TL-3X10W-C-PA

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-3X10W-C-PA LED Traffic Light w/ Signal Horn

Lamp Type: LED
Colors: Red/Amber/Green (Standard), Red/Blue/Green or Red/Amber/White
Watts: 10 Watts Per Lamp - 30W Total
Voltage: 120-240 Volts AC or 12-24V AC or DC
Lighting Configuration: Steady Burn
Sound Level: Up to 110dbAW @ 10ft from Horn
Mounting: Ceiling, Wall, Flat Surface
Temp Rating: T3C
Wiring: Three Cords
Lamp Life: 50,000+ Hours
Mounting: Predrilled Aluminum Base

U.L Ratings

United States & Canada
Class I Division 1 Groups C and D
Class II Division 1 Groups E and F
Class III Groups E, F and G
IP67 Waterproof
T3C Temperature Rating
New York City Department of Buildings Approved

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
Fax: 1-903-765-7664
E-mail: sales@larsonelectronics.com

Made in the USA

The EPL-TL-3X10W-C-PA from Larson Electronics is an LED Traffic Light with Signal Horn that is approved for Class I Division 1 and Class II Division 1 hazardous areas and is also approved for use in wet locations and marine environments. This waterproof LED equipped light is designed for routing traffic in industrial refueling stations and process status indication in manufacturing facilities. The EPL-TL-3X10W-C-PA is available in several different light color configurations.

The EPL-TL-3X10W-C-PA explosion proof LED stack light is an ideal indicator lighting solution for for industrial refueling stations and manufacturing facilities. 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 also made from aluminum and can be custom built to customer specifications. This explosion proof three color indicator light has a 50,000 hour operational life and is available in 120-277 VAC and 12/24V DC configurations for standard or low voltage operation. The standard light color configuration for the EPL-TL-3X10W-C-PA is Red/Amber/Green, but Red/Blue/Green and Red/Amber/White configurations are also available. Make selection below when ordering.

The explosion proof horn provides operators in hazardous locations with an effective and powerful alert/signal system that can withstand demanding conditions and be heard over the operation of industrial machinery. This unit includes 8 different tones which can reach peak output of 110dBA and can be remotely operated for priority alerts.

This explosion proof LED light carries a T3C temperature rating and has a -40°C to 85°C operating temp range. The EPL-TL-3X10W-C-PA is Class I, Class II, Class III, Division 1 approved. Power is provided by individual conductors to allow independent operation of each lamp, making this unit ideal for fuel depots and manufacturing facilities where status indicators are necessary.

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.

The housing on this horn is constructed of heavy duty aluminum and the horn is formed fiberglass. The entire unit is finished in durable grey powder coat for resistance to corrosion, is weatherproof/dustproof, and NEMA4x and marine rated for wet environments. Wiring is through a 1/2" conduit access hub, and the unit can be ordered in 120-240VAC configuration for use with standard voltages or 24V DC for low voltage use. Mounting is via an omni directional bracket which allows mounting to flat surfaces and vertical adjustment of the horn

for secure placement and optimum sound direction.

This explosion proof fixture has a standard configuration for red, amber, and green output (one lamp each color), but a red, blue and green configuration as well as a red, amber and white configuration are also available. Make your selection below when ordering. The EPL-TL-3X10W-C-PA offers exceptional lumen output, a 50,000+ hour life span, and the lamps are protected by Pyrex globes and cast aluminum globe guards for added durability. 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 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: 120-240V AC 50/60Hz or 12-24V DC

Temp Code: Class I - T3C, Class II - T3

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.

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Frequently Asked Questions (FAQ)

There are no Faqs

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EPL-TL-3X10W-C-PA

Product ID: 69948

Export Control Classification Number (ECCN): EAR99

Options:

EPL-TL-3X10W-C-PA-Voltage-Beam Config-Light Color
Example: EPL-TL-3X10W-C-PA-120VAC-STB-RAG

Voltage	
120-240VAC	-120VAC
12VDC	-12VDC
24VDC	-24VDC

Beam Config	
STEADY BURN	-STB
STROBE	-STROBE
STROBE STROBE STEADY	-STR.STR.STB
STEADY STEADY STROBE	-STB-STB-STR

Light Color	
RED/AMBER/GREEN	-RAG
RED/BLUE/GREEN	-RBG
RED/AMBER/WHITE	-RAW
RED/AMBER/PURPLE	-RAP
RED/BLUE/YELLOW	-RBY
WHITE/AMBER/GREEN	-WAG
RED/AMBER/BLUE	-RAB
RED/YELLOW/GREEN	-RYG

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Links (Click on the below items to view):

- **Dimensional Drawing 2D**(https://www.larsonelectronics.com/images/product/DimensionalDrawing/69948.PDF)
- **Operations Manual**(https://www.larsonelectronics.com/images/product/Manual/69948.PDF)
- **SpecSheetSpanish**(https://www.larsonelectronics.com/images/product/SpecSheetSpanish/69948.PDF)
- **STEP File (3D CAD Model)**(https://www.larsonelectronics.com/images/product/Step/69948.ZIP)
- **Wiring Diagram**(https://www.larsonelectronics.com/images/product/WiringDiagram/69948.PDF)
- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/69948.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/69948.JPG)
- **HigResPic3**(https://www.larsonelectronics.com/images/product/HigResPic3/69948.JPG)
- **HigResPic4**(https://www.larsonelectronics.com/images/product/HigResPic4/69948.JPG)
- **HigResPic5**(https://www.larsonelectronics.com/images/product/HigResPic5/69948.JPG)
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- **HigResPic8**(https://www.larsonelectronics.com/images/product/HigResPic8/69948.JPG)
- **Video1**(https://www.youtube.com/watch?v=WS0zqSoX-fg)
- **Video2**(https://www.youtube.com/watch?v=4O1jZJkOjoE)
- **Video3**(https://www.youtube.com/watch?v=Ku4JYik0XPk)
- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
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