

Hazardous Location Signal Light w/ Audible Alarm - C1D2 - Steady or Strobe - Reset Button

Part #: HAL-TL-1X10W-C-PA-MOD1



The HAL-TL-1X10W-C-PA-MOD1 Hazardous Location Signal Light w/ Audible Alarm from Larson Electronics is approved for use in hazardous environments where explosive and flammable gases, vapors, and dusts stand a potential to exist, as well as wet locations and marine environments. Equipped with a reset feature for manual deactivation of alarms (when triggered), this signal stack light is designed for routing traffic in industrial refueling stations and processing status indications in manufacturing facilities.

The HAL-TL-1X10W-C-PA-MOD1 is a signal/traffic light for combustible environments. This unit is equipped with a 10-watt LED lamp in red, amber, blue, green or white light output (other custom configurations available upon request). The light is protected by durable heat treated glass globes and globe guards for added durability, and offer cool operation and clean, bright output surpassing that of 100 Watt incandescent indicator lamps. The LED lamp is colored LEDs instead of colored globes, providing more light output. We offer strobe or steady burn lamps for this fixture. The light housing is constructed of a non-metallic polymer that is chemical resistant and flame retardant while the horn is made of fiberglass. This stack light is equipped an explosion proof horn. For audio-based signaling, the explosion proof audible alarm setup sounds a unique tone per the user setting. Multiple units can be configured for different lamp colors and different tones, providing 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 and equipment. Attached to the far end of the fixture, this audible horn provides operators with up to 5 different tones that can reach a peak output of 110dBA, powerful enough to be heard over industrial operations. There is no dimming or volume control for the lights or horns. The HAL-TL-1X10W-C-PA-MOD1 contains a reset button for manual control. When the alarm is triggered (light/siren engaged), it will remain operational until an individual manually presses the reset button.

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 1 Division 2, Groups C and D and Class 2 Division 2, Group F areas where flammable gas and dust have potential to exist.

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. Solid state LED lighting is also safer for the environment as LEDs are 100% recyclable. And recycling simultaneously reduces operating costs by eliminating the need for the expensive special disposal services required with traditional gas burning and arc type lamps.

Wiring/Mounting: Wiring is facilitated through a 3/4" NPT conduit access hub. The unit can be ordered in 120V or 240V AC configuration for use with standard line voltages or 24V DC for low voltage use. 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.

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.

Suggested Applications: Flammable work sites, signal lights, paint spray booths, aircraft maintenance, oil drilling rigs, refineries, solvent and cleaning areas, gas processing plants, chemical manufacturing, waste treatment plants and more.

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.

Specifications / Additional Information

HAL-TL-1X10W-C-PA-MOD1 Signal Stack Light w/ Alarm

Lamp Type: LED

Dimensions: -

Total Watts: 10W (Lamp)

Voltage: 120/240V AC or 24V DC

Lighting Configuration: Steady Burn, Strobe, Custom

Expected Lamp Life: 50,000+ Hours

Colors: Red, Amber, Blue, Green or White

Controls: Reset

Peak Output (Horn): 110 dBA

Tones: 5

Mounting: Ceiling, Wall, Flat Surface - Predrilled Aluminum Base

Wiring: 3/4" Hub - Flying Leads

Ratings/Approval

United States & Canada

Class I, Division 2 Groups C and D

Class II, Division 2 Group F

Class III

UL 1598 / UL 1598A

T2D Temperature Rating

NEMA 4X

New York City Department of Buildings Approved

Special Orders- Requirements

Contact us for special requirements

Phone: 1-214-616-6180

Toll Free: 1-800-369-6671

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

This product does not qualify for free shipping.

Part #: HAL-TL-1X10W-C-PA-MOD1 (153942)

Options:

HAL-TL-1X10W-C-PA-MOD1- **VOLTAGE** - **CONFIGURATION** - **LAMP COLOR**

Example: HAL-TL-1X10W-C-PA-MOD1-120VAC-STB-RED

VOLTAGE		CONFIGURATION		LAMP COLOR	
120V AC	-120VAC	Steady Burn	-STB	Red	-RED
240V AC	-240VAC	Strobe	-STROBE	Amber	-AMB
24V DC	-24VDC	Custom	-CUS	Blue	-BLU
				Green	-GRN
				White	-WHT

Links (Click on the below items to view):

- [Hi-Res Image 1 - Hazardous Location Signal Light w/ Audible Alarm](#)