

WAL-TL-1XCL1B-C-PA-APT-XMS-120V

Industrial Horn & LED Strobe Warning System - Remote Sensor - Timer - Weatherproof - Class 1 Beacon

Product ID: 221612

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.

WAL-TL-1XCL1B-C-PA-APT-XMS-120V Industrial Warning Horn & Strobe Light

Type: Industrial Warning Horn & Flashing Strobe

Lamp Type: Class 1 LED Flashing Strobe

Strobe Dimensions: 4.5"H x 6.5"Diameter

Horn Dimensions: 10.8"L x 10"H x 10"W

Box Dimensions: 9.5"L x 6"W x 4"D

Total Weight: 22.5 lbs

Wattage: 14.4

Lumens: 1,440

Luminous Efficiency: 100 Lumens per Watt

Lighting Configuration: Strobing Flash

Strobe Color Options: Green, Amber, Red, White or Blue

Voltage: 120V DC

Horn Materials: Cast Aluminum/Fiberglass

Horn Volume: S7-110dbA @ 10 Feet

Horn Operating Modes: 8 User Selectable Field Tones

Strobe Mounting: Permanent Mount, 1" NPT Pipe Mount

Horn Mounting: Omni-Directional Bracket - Flat Surfaces; 1/2" Conduit Access

Box Mounting: Permanent Mount - Flat Surfaces

Wiring: Direct Wiring to Power Source

Ambient Temp: -45°C to +55°C

Ratings/Approvals

SAEJ845, Class 1 - Brightest Rating

Permanent Mount

NEMA 4X

Marine Rated

UL Listed

120 Volts DC

Multi-Strobe Pattern Options

Waterproof

Multi-Horn Tone Options

Remote Mount Sensor

Timer Module

Special Orders - Special Requirements

Contact us for special requirements

Intl: 1-903-270-1187

Toll Free: 1-800-369-6671

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

The WAL-TL-1XCL1B-C-PA-APT-XMS-120V from Larson Electronics is an Industrial Horn & Strobe Light that provides an audible and visual warning system within wet locations. This unit features a powerful LED strobe light, a horn that can produce eight different tones to sound levels up to 110dBA, as well as a remote mount motion sensor. Equipped with a timer module for automated applications, the WAL-TL-1XCL1B-C-PA-APT-XMS-120V is a powerful alert and signal horn/LED strobe light combination that offers multiple tones, remote operation capability and multiple LED light color options.

The WAL-TL-1XCL1B-C-PA-APT-XMS-120V industrial horn and LED strobe light provides operators with an effective and powerful alert/signal system with a remote mount sensor that can withstand demanding conditions and be heard over the operation of industrial machinery. The entire unit is finished in durable grey powder coat for resistance to corrosion, is weatherproof/dustproof, and NEMA 4X and marine rated for wet environments.

An included timer module enables timed operation for the industrial horn. Operators can configure the timer, so that motion-sensing features are on during the timed setting only. For example, when the timer is set for three hours between 3am to 6am, the system's motion sensor is active during the set hours. Upon sensing motion in the target area, the horn and strobe light is activated. The horn and strobe light will remain on, until motion is no longer detected in the area by the sensor. Outside of the timed range, the industrial horn is fully deactivated (including the motion sensor).

Strobe Features: This compact, high powered LED beacon contains an LED lamp assembly that produces 360° of brilliant light without the dark spots or unevenness of traditional incandescent beacon lights. This beacon is equipped with auxiliary LEDs on top, helping to make this a Class 1 rated beacon and capable of producing a brilliant flashing pattern that is visible at extended distances. This strobing beacon is available in a choice of white, green, blue, amber or red colors. this strobing beacon includes a permanent mounting system via through holes and self tapping screws.



Green

Amber

Red

White

Blue

[Click Images to Enlarge](#)

This LED beacon has 30 flash patterns including four simulated rotating patterns. This unit also offers alternate or simultaneous flash patterns with up to eight connected LED beacons. This waterproof beacon has a black powder coated die cast base that contains a fully potted circuit board. A clear polycarbonate lens protects the LED assembly and the housing is waterproof, shock resistant and built for reliable and durable operation. This LED beacon draws only 1.2 amps on 120 volts DC.

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 Features: The audible warning horn on the WAL-TL-1XCL1B-C-PA-APT-XMS-120V includes 8 different tones which can reach peak output of 110dBA and can be remotely operated for priority alerts. The housing on this horn is constructed of heavy duty aluminum and the horn is formed fiberglass. This work area horn/siren is weather and dust proof and NEMA 4X rated.

Horn Tones: Selectable by switch on sound module.

- 1) Continuously running train of eight sounds in sequence.
- 2) Wail - Conventional Siren
- 3) Yelp - Rapid Siren
- 4) Two-Tone
- 5) Whoop - Ascending Low to High
- 6) Yeow - Descending High to Low
- 7) Horn - Steady
- 8) Beep - Slow Intermittent Horn
- 9) Stutter - Rapid Intermittent Horn
- 10) Remote - Enables Remote Selection of:
 - 7 - Horn
 - 4 - Two-Tone - Alternating
 - 3 - Yelp - Rapid Siren
 - 1 - Wail - Manual Siren

Remote Mount Sensor: The WAL-TL-1XCL1B-C-PA-APT-XMS-120V features a remotely mounted sensor which triggers the light to turn on. This feature is ideal for pedestrian walkways, loading docks, and warehouses to help pedestrians pay attention to the surrounding area. The sensor is connected via operator provided wiring from the control panel to the sensor.

Mounting: The horn is mounted via an omni directional bracket which allows mounting to flat surfaces and vertical adjustment of the horn for secure placement and optimum sound direction. The strobing beacon includes a permanent mounting system via through holes and self tapping screws. This unit also includes a 1" pipe mount embedded in the base. This permanent mounting system provides maximum mounting security and reliable performance. The metal enclosure holding the electrical components of the horn/strobe can be mounted to flat surfaces.

Power: The WAL-TL-1XCL1B-C-PA-APT-XMS-120V operates on 120V DC low voltage current.

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)



WAL-TL-1XCL1B-C-PA-APT-XMS-120V

Product ID: 221612

Export Control Classification Number (ECCN): EAR99

Options:

WAL-TL-1XCL1B-C-PA-APT-XMS-120V-Color

Example: WAL-TL-1XCL1B-C-PA-APT-XMS-120V-GRN

Color	
GREEN	-GRN
AMBER	-AMB
RED	-RED
WHITE	-WHT
BLUE	-BLU

Links (Click on the below items to view):

- [HigResPic1](#)
- [HigResPic2](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)