

HAL-TL-2X10W-LED-PT

20W Explosion Proof LED Indicator Light - C1D2 - Adjustable Pole Top Slip Fit Mount

Product ID: 148493

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.

HAL-TL-2X10W-LED-PT Explosion Proof LED Traffic Light

Lamp Type: LED
Dimensions: 16"-L x 7"-W x 5"-H
Weight: 11 Lbs
Voltage: 120-277V AC 50/60 Hz, 12V DC or 24V DC
Watts: 20W
Lamp Life: 50,000+ Hours
Beam Angle: Full, 360°
Light Pattern: Steady Burn or Strobe
Operating Temp Range: -29° C to 40° C
Materials: Non-metallic, Polycarbonate
Mount: Slip Fit Yoke Mount
Mount OD: 2", 2-1/4", 2-1/2", 2-3/4", 3", 4"
Color: Red & Green, Red & White, Red & Blue, Red & Amber, Red & Purple, White & Blue, White & Green, White & Amber, White & Purple, Blue & Green, Blue & Amber, Blue & Purple, Amber & Green, Amber & Purple, Green & Purple

Ratings/Approvals

United States & Canada
Class I, Division 2 Groups A,B,C,D
UL Listed to CSA 22.2-137
UL 844
UL 595
UL 1570/1571: Wet Locations
CSA Approved
USCG Accepted
New York City Department of Buildings Approved
Material Meets UL 94-V-0 for Flame Retardancy
NEMA 4X

Special Orders - Special Requirements

Contact us for special requirements
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Made in the USA

The HAL-TL-2X10W-LED-PT from Larson Electronics is an Explosion Proof LED Indicator Light for visual notifications in hazardous locations. This 20-watt, waterproof unit supports dual LED lamps, which offers cleaner and brighter output than 100-watt incandescent indicator lamps.

Constructed of non-metallic and corrosion resistant components, this LED luminary is equipped with an adjustable pole top slip fit mounting system for elevated positioning.

The HAL-TL-2X10W-LED-PT is an indicator lighting solution for industrial facilities and hazardous locations. This unit features a dual lamp configuration, with full, 360-degree coverage. Lamp color options include red, white, blue, amber, green, and purple. The LED lamps in this traffic light are 10 watts each (total of 20 watts) and offer clean, bright output that surpasses 100-watt incandescent indicator lamps. Operators can choose between the following light patterns: steady burn or strobe. This unit is available in 120-277V AC, 12V DC or 24V DC configurations for high or low voltage operation.

The explosion proof light is constructed of corrosion and chemical resistant GE Lexan polycarbonate with Pyrex globes, making it suitable for spray down areas and marine locations. The unit also carries UL and CSA certification, USCG acceptance, NTRL Listing for wet locations in any orientation and UL 595 approval. This Class I, Division 2 rated luminary is designed to operate within a temperature range of -29° C and 40° C.

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.

Wiring/Configuration: This explosion proof fixture is configured for dual color output (one lamp each color) from the following choices: red, white, blue, amber, green, and purple. Power is provided by one cord equipped with flying leads to allow independent operation of each lamp, making this unit ideal for fuel depots where stop and go indicators are necessary.

Note on Lights: *The color choices and light configuration of this unit can be customized to your requirements. We also offer steady burn or strobing LED lamps, as well as high or low voltage configurations. Please contact us for special color configurations.*

Mount: The HAL-TL-2X10W-LED-PT features a slip fit yoke for easy installation. The slip fit yoke is built to customer's specs, enabling operators to mount this explosion proof LED light to their specific pole size. For example, selecting a 2" OD mount means that the yoke mount will fit onto pipes or bull horns with a 2" OD.

Applications: Petroleum refineries, chemical and petrochemical plants, paint spray booths, food manufacturing buildings, traffic notification, warning systems 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.



Frequently Asked Questions (FAQ)









HAL-TL-2X10W-LED-PT

Product ID: 148493

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

HAL-TL-2X10W-LED-PT-Voltage-Light Pattern-Mount

Example: HAL-TL-2X10W-LED-PT-1227-STB-2IN

Voltage	
120-277V AC	-1227
12V DC	-12VDC
24V DC	-24VDC

Light Pattern	
STEADY BURN	-STB
STROBE	-STROBE

Mount	
2IN	-2IN
2-1/4IN	-2.25IN
2-1/2IN	-2.5IN
2-3/4IN	-2.75IN
3IN	-3IN
4IN	-4IN

Links (Click on the below items to view):

- [Operations Manual](#)
- [Wiring Diagram](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [HigResPic8](#)
- [Video1](#)
- [Video2](#)
- [Video3](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)