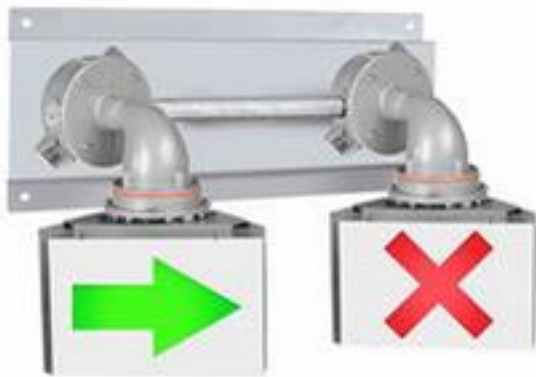


EPL-TL-2X10W-C-GA.RX

Explosion Proof Two Color LED Light - C1D1 & C2D1 - Green Arrow and Red X Indicators

Product ID: 149315



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-2X10W-C-GA.RX Explosion Proof LED Stack Light

Lamp Type: LED

Dimensions: 24" L X 22" W X 20" D

Wattage: 10 Watts per Lamp - 20 Watts Max

Lamp Color: Green/Red (other color configurations available upon request)

Voltage: 120-277 Volts AC, 11 or 25 Volts DC or AC

Mounting: Predrilled Aluminum Flat Surface Mounting Bracket

Temp Rating: T3C

Lighting Configuration: Steady Burn or Strobe - Mix/Match available

Lamp Life: 50,000+ Hours

Wiring: 10' SOOW Cable w/ Flying Leads

Mounting Dims: 22"L x 22"H x 12"D

Ratings/Approvals

Listed for United States & Canada

Class I, Division 1 & 2, Groups C and D

Class II, Division 1 & 2, Groups E, F and G

Class III, Division 1 & 2

IP67 (water proof)

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: 1-903-498-3364

E-mail: sales@larsonelectronics.com

Made in the USA

The EPL-TL-2X10W-C-GA.RX Class I Division 1 and Class II Division 1 Warning Light from Larson Electronics is approved for use in wet locations and marine environments. This explosion proof LED light is designed for use in industrial and commercial environments.

The EPL-TL-2X10W-C-GA.RX explosion proof LED light from Larson Electronics is an ideal indicator lighting solution for industrial refueling stations, manufacturing facilities and so on. 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 constructed of non-sparking aluminum and can be custom built to customer specifications. This explosion proof green and red indicator light has a 50,000 hour operational life

and is available in 120-277V AC and 11 or 24V DC or VAC configurations for standard or low voltage operation.

This explosion proof indicator light system is designed to be used in conjunction with weight switches, momentary push buttons, or other customer provided equipment. A green LED lamp on the left side illuminates an arrow signifying to move forward. A red LED lamp on the right side illuminates an "X", signifying to stop. The green LED is connected to a normally closed circuit, while the red is connected to a normally open circuit. This means that, when the circuit is open, the red lamp will illuminate and when the circuit is closed, the green lamp will illuminate. This system is connected to customer provided pressure plates, such as weight stations and paint booths. When a vehicle or load is on the pressure plate, the circuit to the lamp is open which activates the red "X", signifying for the vehicle to stop. When the vehicle or load is moved off the sensor, the circuit closes which activates the green arrow, signifying for the vehicle to go.

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.

This explosion proof LED light carries a T3C temperature rating and has a -40°C to +85°C ambient operating temperature range. The EPL-TL-2X10W-C-GA.RX is Class I, Class II, Class III, Division 1 & 2 approved. Line-in supply power is provided by 10' of 16 AWG SOOW cable with flying leads. Individual leads per lamp allow independent operation, making this unit ideal for fuel depots and manufacturing facilities where status indicators are necessary. The individual leads can be connected to user provided terminal blocks or existing indicator systems. Unlike traditional indicator lamps that use a colored globe with low color temperature incandescent lamps, this explosion proof LED stack light incorporates a clear glass globe and colored LED lamps. By utilizing colored LEDs instead of tinted lenses or globes, the total visibility and light output is increased when compared to traditional colored lamps. This is particularly important for strobe configurations, increasing the peak candela of the signal during indications. The standard lamp configuration is red and green LED bulbs in a steady burn or strobing configuration.

This hazardous location LED warning sign light is configured for green and red output (one lamp each color) offers exceptional lumen output, a 50,000+ hour life span, and the lamps are protected by Pyrex globes and polycarbonate globe guards. The LED lamps in this indicator light are 10 watts each and offer cool operation and clean bright output that surpasses that of 100 watt incandescent indicator lamps. The EPL-TL-2X10W-C-GA.RX is designed for resistance to the damaging and corrosive effects of chemicals with polycarbonate construction instead of metal, and is ideal for locations where these hazardous compounds are commonly encountered. 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.

Voltages: 120-277VAC 50/60Hz, 11 or 25V AC/DC

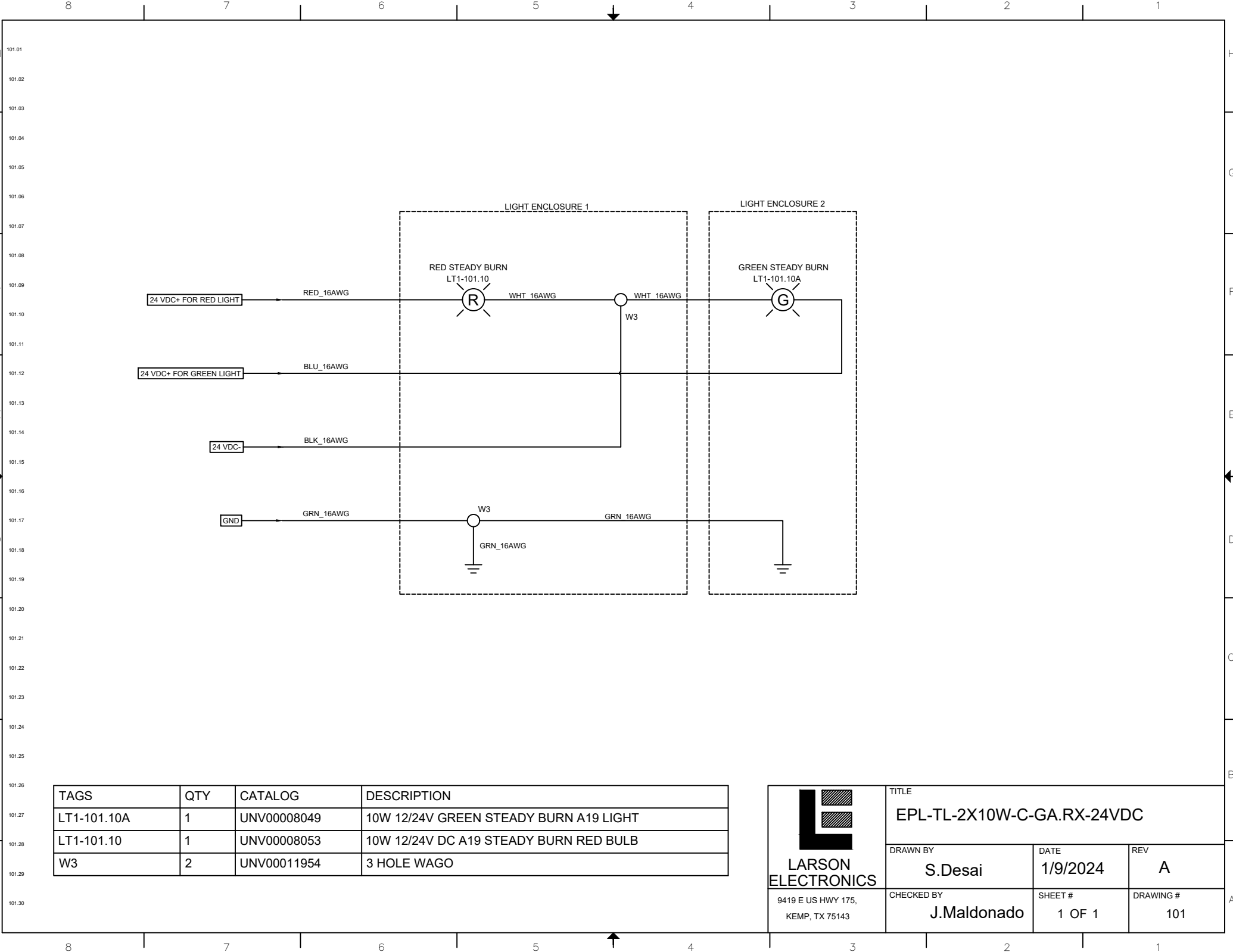
Temp Code: Class I T3C Groups C and D, Class II - T3C Groups E, F and G

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.

REV	DESCRIPTION	DATE
A	PRODUCTION RELEASE	1/9/2024

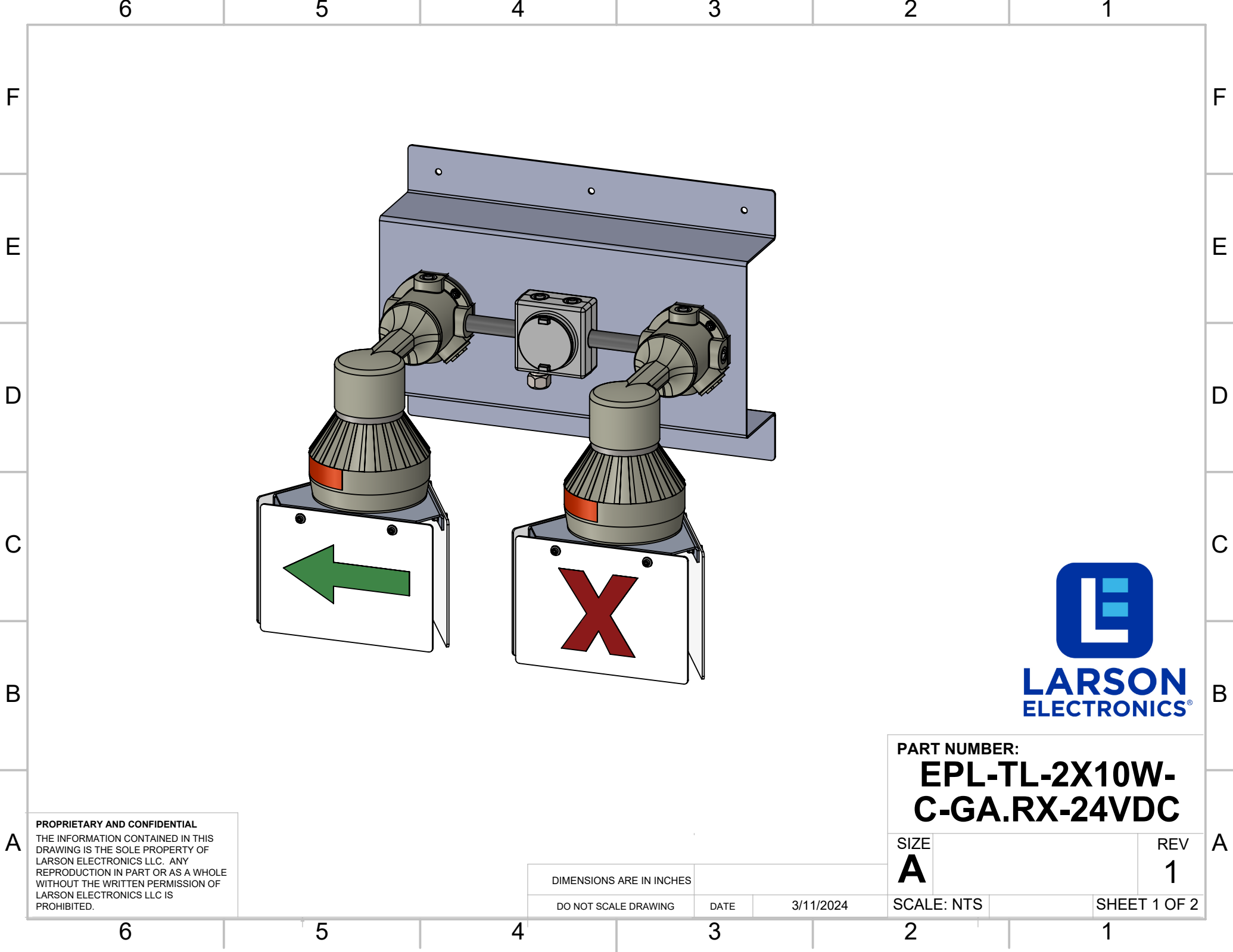
EPL-TL-2X10W-C-GA.RX-24VDC





TAGS	QTY	CATALOG	DESCRIPTION
LT1-101.10A	1	UNV00008049	10W 12/24V GREEN STEADY BURN A19 LIGHT
LT1-101.10	1	UNV00008053	10W 12/24V DC A19 STEADY BURN RED BULB
W3	2	UNV00011954	3 HOLE WAGO

 LARSON ELECTRONICS 9419 E US HWY 175, KEMP, TX 75143	TITLE EPL-TL-2X10W-C-GA.RX-24VDC		
	DRAWN BY S.Desai	DATE 1/9/2024	REV A
	CHECKED BY J.Maldonado	SHEET # 1 OF 1	DRAWING # 101



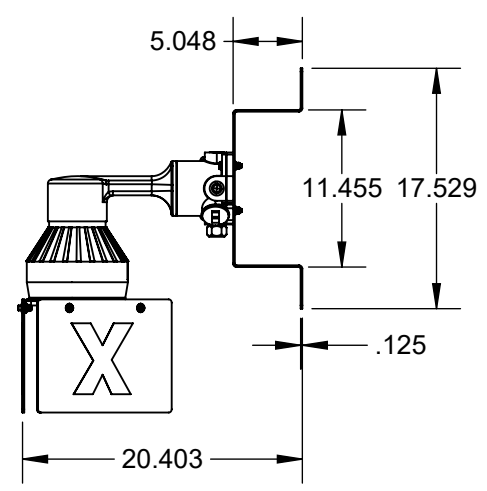
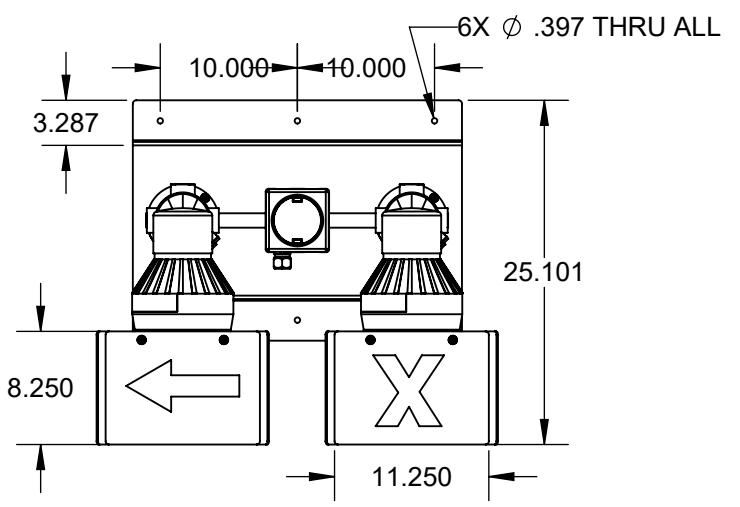
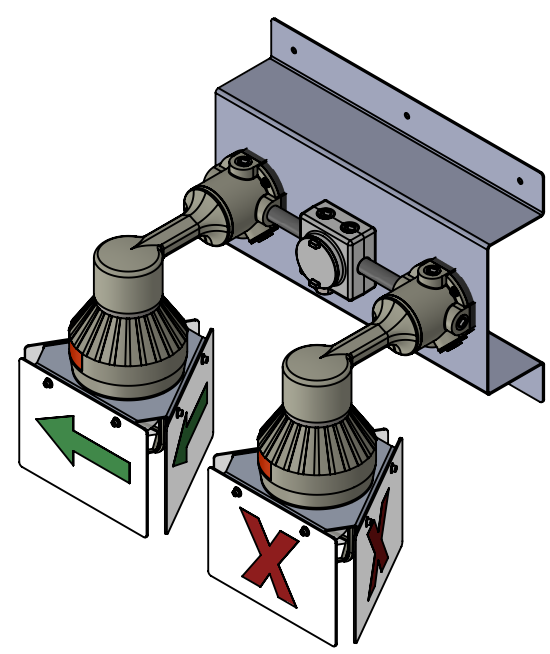
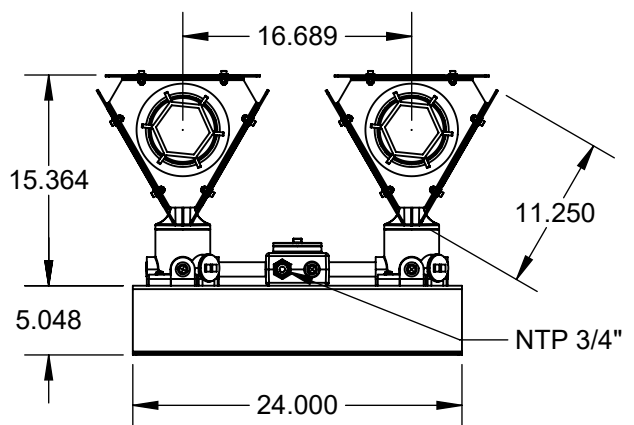
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PART NUMBER:
EPL-TL-2X10W-
C-GA.RX-24VDC

SIZE A	REV 1
------------------	-----------------

DIMENSIONS ARE IN INCHES			
DO NOT SCALE DRAWING	DATE	3/11/2024	
SCALE: NTS		SHEET 1 OF 2	



PART NUMBER:
**EPL-TL-2X10W-
C-GA.RX-24VDC**

SIZE **A** REV **1**

SCALE: NTS SHEET 2 OF 2

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DIMENSIONS ARE IN INCHES		DATE		3/11/2024		SCALE: NTS		SHEET 2 OF 2	
DO NOT SCALE DRAWING		DATE		3/11/2024		SCALE: NTS		SHEET 2 OF 2	



Certification

Manufacturer: Larson Electronics LLC
Address: 9419 US-HWY 175
Kemp, Texas 75143

Declare the following equipment conforms to the standard(s) as listed:

Model: EPL-TL Series
Description: Explosion Proof Stack Lights w/o Horn

Evaluated Listings:

UL: E10514, E91793 – NEC / United States standards
UL: E10514 – CEC / Canada standards
CSA: LR11716 – CEC / Canada standards
ETL: UL 508A, UL 1203 – NEC / United States standards
ETL: CSA C22.2 No. 14, No. 25, No. 30 – CEC / Canada standards

The EPL-TL Series is certified to NEC and CEC standards for hazardous locations for:

- NEC: Class I, Divisions 1 & 2, Groups C & D; Class II, Divisions 1 & 2, Groups E, F, G
- NEC: Class I, Zones 1 & 2, Groups IIB, IIA
- CEC: Class I, Divisions 1 & 2, Groups C & D; Class II, Divisions 1 & 2, Groups E, F, G
- CEC: Class I, Zones 1 & 2, Groups IIB, IIA

The EPL-TL Series comprised of a Killark EMI series device enclosure(s). This device enclosure(s) may contain an incandescent, compact fluorescent, or LED lamp and custom mounting of the lamp assembly to prevent damage. One or multiple fixtures are mounted to a copper free aluminum mounting plate, junctioned together utilizing galvanized rigid conduit, and may utilize unique signal wires per lamp. Lamp(s) may be configured as steady burn or strobe light output and may be of different light output colors per device enclosure. This assembly is built to NEC and CEC standards for hazardous locations and quality checked per ISO 9001:2015 standards.

Signed for and on behalf of: Larson Electronics, LLC
Place of issue: Kemp, TX

Signature: *James Thomas*

Name: James Thomas
Position: Operations Manager

[<- Back](#)

Product Description

Title: INDUSTRIAL CONTROL PANELS
Company: LARSON ELECTRONICS LLC - Kemp, TX USA
Product Information: Industrial Control Panels For General Use.
Evaluated to the following: A representative sample of the listed devices have been tested, investigated and found to comply with the requirements of the Standard(s) for Industrial Control Panels (UL-508A) and are identified with the ETL Listed Mark.

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Product Description

Title: EXPLOSION-PROOF & DUST IGNITION-PROOF ELECTRICAL EQUIPMENT FOR USE IN HAZARDOUS (CLASSIFIED) LOCATIONS

Company: LARSON ELECTRONICS LLC - Kemp, TX USA

Product Information: Explosion-proof or dust-ignition-proof Industrial Control Panels for use in Hazardous (Classified) Locations, Model Nos. Custom Industrial Control Panels

Evaluated to the following: A representative sample of the listed devices have been tested, investigated and found to comply with the requirements of the Standard(s) for Explosion-Proof and Dust Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations (UL-1203) and are identified with the ETL Listed Mark.

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Product Description

Title: INDUSTRIAL CONTROL EQUIPMENT
Company: LARSON ELECTRONICS LLC - Kemp, TX USA
Product Information: Industrial Control Panels For General Use.
Industrial Control Panels Relating to Hazardous (Classified) Locations, Custom Industrial Control Panels.

Power Distribution System, Model Nos. MGL, MPD, MGS series;
Followed by AAK-PBB.FFF-SCC.GGG-EEXCCC.DDD; Where AA = 2,3,5,7,9,15,20,25,30,45,50,75; BB = 1P, 3P; FFF = 480,240,208,120; CC = 1P,3P; GGG = 480,240,208,120; EE = # of outlets; CCC = voltage; DDD = outlet amperage.

Evaluated to the following: A representative sample of the listed devices have been tested, investigated and found to comply with the requirements of the Standard(s) for Industrial Control Equipment (CAN/CSA-C22.2 No. 14) and are identified with the cETL Listed Mark.

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Product Description

Title: ENCLOSURES
Company: LARSON ELECTRONICS LLC - Kemp, TX USA
Product Information: Explosion-proof or dust-ignition-proof Industrial Control Panels for use in Hazardous (Classified) Locations, Model Nos. Custom Industrial Control Panels

Luminaires, Model Nos. EPL-48-2L-LED-SFC, EPL-24-2L-LED-SFC. for use in Hazardous Locations: Class I, Div. 1, Groups C and D T5 or T6 -20°C < Tamb < 40°C Class II, Div. 1., Groups E, F, and G; Class III Div.1 T3B -20°C < Tamb < 40°C

Evaluated to the following: A representative sample of the listed devices have been tested, investigated and found to comply with the requirements of the Standard(s) for Enclosures for use in Class II, Groups E, F, G Hazardous Locations (CAN/CSA-C22.2 No. 25) and are identified with the cETL Listed Mark.

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Product Description

Title: EXPLOSION-PROOF ENCLOSURES FOR USE IN CLASS I HAZARDOUS LOCATIONS

Company: LARSON ELECTRONICS LLC - Kemp, TX USA

Product Information: Explosion-proof or dust-ignition-proof Industrial Control Panels for use in Hazardous (Classified) Locations, Model Nos. Custom Industrial Control Panels

Evaluated to the following: A representative sample of the listed devices have been tested, investigated and found to comply with the requirements of the Standard(s) for Explosion-Proof Enclosures for Use in Class I Hazardous Locations (CAN/CSA-C22.2 No. 30) and are identified with the cETL Listed Mark.

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Material Safety Data Sheet

To Whom It May Concern,

Larson Electronics LLC EHL, EPL, EPLC2, HAL, HALP, HALD, HAL-LI, HALS, and HALSS industrial line of LED lights without emergency backup for hazardous locations are considered “ARTICLES” under 29 CFR 1910-1200, the OSHA Hazard Communication Standard, and do not require a Material Safety Data Sheet (MSDS).

Articles are specifically exempt from the regulations of this standard. OSHA defines an article as follows:

1910-1200(c) – Article means a manufactured item other than a fluid or particle:

- i. Which is formed to a specific shape or design during manufacture;
- ii. Which has end use function(s) dependent in whole or in part upon its shape or design during end use; and
- iii. Which under normal conditions does not release more than very small quantities.

The “hazardous location” and “explosion proof” are terminology for the environment where these products will be installed. This is not to be confused with “hazardous materials;” this product does not contain any hazardous materials.

Regards,

Ray Smith
Larson Electronics, LLC.



IHSN.E10514 - Luminaire Fittings for Use in Zone Classified Hazardous Locations

Luminaire Fittings for Use in Zone Classified Hazardous Locations

See General Information for Luminaire Fittings for Use in Zone Classified Hazardous Locations

KILLARK, DIV OF HUBBELL INC (DELAWARE)

E10514

2112 FENTON LOGISTICS PARK BLVD

FENTON, MO 63026 USA

Class I, Zone 1, AEx d IIB.

Series EZM, EZH or EZS followed by 10, 15, 17, 25, 40, 50 or 70, followed by 0, 1, 2, 3, 4, 5, 6, 7 or 8, followed by A2, A3, B2, B3, D4, D5, X2 or X3, may be followed by G, PS, BP or R.

Series EMI or EBF followed by 13, 15, 20, 26 or 30, followed by A2, 3, B2, B3, D4, D5, X2 or X3, may be followed by G.

Series EMS, EMM or EMH followed by 35, 05, 07, 75, 10, 15, 13, 26, followed by, followed by 0, 1, 2, 3, 4, 5, 6, 7 or 8, followed by A2, A3, B2, B3, D4, D5, X2 or X3, may be followed by G.

Trademark and/or Tradename: "E10514", "Killark/Chalmit"

Last Updated on 2015-10-20

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CUSTOMER	CLASS	FILE NUMBER
Killark, Div of Hubbell Inc. (Delaware) 2112 Fenton Logistics Park Blvd, Fenton Missouri United States 63026	3428-03 (../class/?class=3428-03) FIXTURES AND FITTINGS-For Hazardous Locations	011713_C_000

Class I, Groups C and D; Class II, Groups E, F and G; Class III;

(Temperature Coded), CSA Encl. 3 and 4 (component packaged):

- Series "HZ" integral ballast with or without aux. quartz lamp 100 or 150W, (for Div 1 only) 480V max, 60Hz, pendant ceiling, bracket, bulk-head or stanchion mount, max 400W high pressure sodium; 250 and 400W mercury vapour or metal halide. Suffix letters and digits following Series "HZ" denote lamp type, wattage, voltage, guard option, mounting conduit , globe and aux. lamp options.
- Temperature coded as follows: HPS without quartz lamp (T3C), with quartz lamp (T2D). 200 and 400W, MH and MV, without quartz lamp (T3A), with quartz lamp (T2D).

Class I, Groups C and D; Class II, Groups E, F and G; Class III; (Temperature Coded); CSA Encl 3, 4, 4X:

Class I, Division 2, Groups B, C and D; Class II, Division 2, Groups E, F and G; Class III; CSA Encl 3, 4, 4X:

- Series EZ luminaires, mercury vapour (MV), metal halide (MH) or high pressure sodium (HPS) and EZL - LED, 190W max; 50/60 Hz, 480 VAC max or 250VDC max; lamp wattage 400 W max; 60 Hz, 600 V max.

Note: Suffixes letters/numerals denote Lamp Type, Lamp Ratings, Voltage, Mounting and Options.

Temperature coded as follows:

				Suitable For Simultaneous Use In Class	
	Lamp		Rated Ambient	Class I Div. 1	Groups C, D and Class
Cat No	W	Type+	C	Groups	II, Groups
*EZS50	50	HPS	40	C,D 120(T4A)	E,F,G 160 (T3C)
EZS50	50	HPS	55	C,D 120(T4A)	E,F,G 160 (T3C)
EZS50	50	HPS	65	C,D 120(T4A)	E,F,G 165 (T3B)
*EZS07	70	HPS	40	C,D 120(T4A)	E,F,G 160 (T3C)
EZS07	70	HPS	55	C,D 120(T4A)	E,F,G 160 (T3C)
EZS07	70	HPS	65	C,D 120(T4A)	E,F,G 165 (T3B)
*EZS10	100	HPS	40	C,D 120(T4A)	E,F,G 160 (T3C)
EZS10	100	HPS	55	C,D 120(T4A)	E,F,G 160 (T3C)
EZS10	100	HPS	65	C,D 120(T4A)	E,F,G 165 (T3B)
EZS15	150	HPS	40	C,D 120(T4A)	E,F,G 160 (T3C)
EZS15	150	HPS	55	C,D 120(T4A)	E,F,G 160 (T3C)

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We're always here to help. Let's talk.

We're here to answer your questions and help you get started right away. Call or send us a message anytime.

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Certification

Manufacturer: Larson Electronics LLC
Address: 9419 US-HWY 175
Kemp, Texas 75143

Declare the following equipment conforms to the standard(s) as listed:

Model: EPL-TL Series
Description: Explosion Proof Stack Lights w/o Horn

Evaluated Listings:

CE: EN 60598-2-5:2015
CE: EN 62560:2012/AC:2015

The EPL-TL Series complies with the essential protection requirements of the European Parliament of the Council Directive 2014/34/EU on the approximation of the laws of the Member States relating to electrical apparatuses operating within the range of 50-1000 volts AC or 75-1500 volts DC. This certification applies to all specimens manufactured in accordance to the manufactures drawings.

Signed for and on behalf of: Larson Electronics, LLC
Place of issue: Kemp, TX

Signature: *James Thomas*

Name: James Thomas
Position: Operations Manager



Certification

Manufacturer: Larson Electronics LLC
Address: 9419 US-HWY 175
Kemp, Texas 75143

Declare the following equipment conforms to the standard(s) as listed:

Model: EPL-TL Series
Description: Explosion Proof Stack Lights w/o Horn

Evaluated Listings:

CE: DIRECTIVE 2015/863/EU - ROHS DIRECTIVE

This is to certify that products offered by Larson Electronics LLC comply with the Reduction of Hazardous Substances (RoHS) directives. Directive 2002/95/EC became effective on 1 July 2006. It restricts the use of six substances in the manufacture of electrical and electronic equipment. This directive was revised in June 2011 and is now referred to as directive 2011/65/EU. Directive 2015/863/EU amending Annex II to Directive 2011/65/EU announced plans to add four substances from 22 July 2019.

We hereby certify that the equipment specified above conforms to the Directive(s) by containing less of the restricted substances than the stated limits.

Signed for and on behalf of: Larson Electronics, LLC
Place of issue: Kemp, TX

Signature: *James Thomas*

Name: James Thomas
Position: Operations Manager



Certification

Manufacturer: Larson Electronics LLC
Address: 9419 US-HWY 175
Kemp, Texas 75143

Declare the following equipment conforms to the standard(s) as listed:

Model: EPL-TL Series
Description: Explosion Proof Stack Lights w/o Horn

Evaluated Listings:

CE: Regulation (EC) No 1907/2006 - REACH REGULATION

This letter establishes the opinion of Larson Electronics LLC regarding the status, under the current European Union ("EU") Regulations on Registration, Evaluation, Authorization, and Restriction of Chemical Substances ("REACH").

REACH does not apply to manufactured products which are referred to as "completed articles". Substances (chemicals) are subject to REACH registration, NOT products.

In addition, Articles are exempt from the REACH requirements if (a) the Article does not contain a substance of very high concern or candidate substance in an amount exceeding 0.1% weight by weight, and (b) if substances present in the Article in excess of 1 ton per year per importer are not expected nor intended to be released.

Based on communication with our raw material suppliers, we conclude that to the best of our knowledge our products requiring REACH compliance do not contain any of the currently listed SVHC in concentrations of 0.1% or above.

Accordingly, we foresee no registration or pre-registration requirement for the products we supply.

Signed for and on behalf of: Larson Electronics, LLC
Place of issue: Kemp, TX

Signature: *James Thomas*

Name: James Thomas
Position: Operations Manager

Frequently Asked Questions (FAQ)