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EXP-EXT-RH-10W-ITG-LED-32V

10W Explosion Proof LED Exit Sign - Class I, Div. I & II - 32V DC - 871 Lumens - IP67 Waterproof

Product ID: 149293



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.

EXP-EXT-RH-10W-ITG-LED-32V Remote Exit Sign
Lamp Type: LED
Lamp Dimensions: 7.25"-Wide, 15" Height-Light
Lamp Weight: 10 lbs
Hub: 3/4" or 1/2" Threaded
Lumens: 871
Voltage: 32V DC
Lighting Configuration: Steady Burn
Mounting: 3/4" Hub
Temp Rating: T3C
LED Lamp Watts: 10 Watts
Strobe Count: N/A
Wiring: 3/4 inch Hub
Lamp Life: 50,000+ Hours
Lamp Efficiency: 87.1 Lm/W
Power Factor: 90%

U.L Ratings
Class I, Groups C and D
Class II, Groups E and F
Class III, Groups E, F and G
IP67 Waterproof
Suitable for Paint Spray Booths
T3C Temperature Rating
LED Lamp Driven at 90%

Special Orders - Special Requirements
Contact us for special requirements

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Made in the USA

The EXP-EXT-RH-10W-ITG-LED-32V from Larson Electronics is an Explosion Proof LED Remote Exit Sign that is rated Class I Division 1 Class II Divisions 1 & 3 and is an ideal emergency lighting solution for hazardous locations where failsafe lighting reliability is a must. The EXP-EXT-RH-10W-ITG-LED-32V produces 871 lumens while drawing only 10 watts and operates on 32V DC current.

The EXP-EXT-RH-10W-ITG-LED-32V is an ideal solution for operators who wish to ensure their hazardous workspaces employ the most effective and reliable safety lighting options available. The powerful and durable explosion proof LED exit sign

from Larson Electronics is approved for use in paint spray booths and is ideal for industrial applications, hazardous work spaces, and areas where gases, vapors and dusts may be present and a powerful and durable general purpose light solution is needed. The lamp housing is waterproof, constructed of heavy cast aluminum, and UL tested to withstand 1490 lbs. per square inch of hydrostatic pressure.

This hazardous area LED remote exit light carries a T3C temperature rating and is UL Listed Class I, Groups C and D, Class II, Groups E and F, and Class III, Groups E, F and G. This strobe light is IP67 rated waterproof and suitable for use in paint spray booths and areas where flammable gases, vapors and chemicals may be encountered as well as approved for exposure to combustible dusts. The cast aluminum housing is fully factory sealed and includes an integrated inspection hole for easy access to the splice compartment. Wiring is through a 1/2" or 3/4" hub. Please specify hub size when ordering.

The LED lamp in this unit offers exceptional power and a 50,000+ hour life span and is energized by leads which pass through a sealing compound that separates the lamp chamber from the wiring compartment. The LED lamp assembly is protected by an impact and heat resistant clear prismatic globe with heavy gauge aluminum reflector that affords excellent light control.

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.

We offer four different mounting options with this explosion proof light.

Pendant Mount: Avaliable with either a single 3/4" or 1/2" wiring hub, the pendant mount option allows operators to suspend the fixture from the ceiling or other suitable mounting location. The pendant mount option allows the operator to choose the distance of the fixture from the mounting surface by altering the length of the connecting conduit accordingly to achieve the desired position.

Wall Mount: Available with either 4- 3/4" or 4- 1/2" wiring hubs, the wall mount option allows operators to attach the fixture to flat surfaces such as walls, bulkheads, entryways etc. This option provides optimal placement for identifying specific locations such as exitways, entryways, high caution areas etc.

Ceiling Mount: Avaliable with either 4- 3/4" or 4- 1/2" wiring hubs, the ceiling mount option provides the most rigid and secure placement of the fixture when mounted to ceiling locations. This mouting option provides a fixed position and has no provision for altering the distance of the lamp from the ceiling.

Stanchion Mount: Avaliable with either a single 3/4" or 1/2" wiring hub, the stanchion mount option allows operators to mount this unit in locations where vertical or horizontal wall or ceiling mounting is unavailable or undesirable. Additionally, the stanchion mount can be used to produce custom mounting angles or to mount the unit in unusual locations to achieve the best performance from the unit.

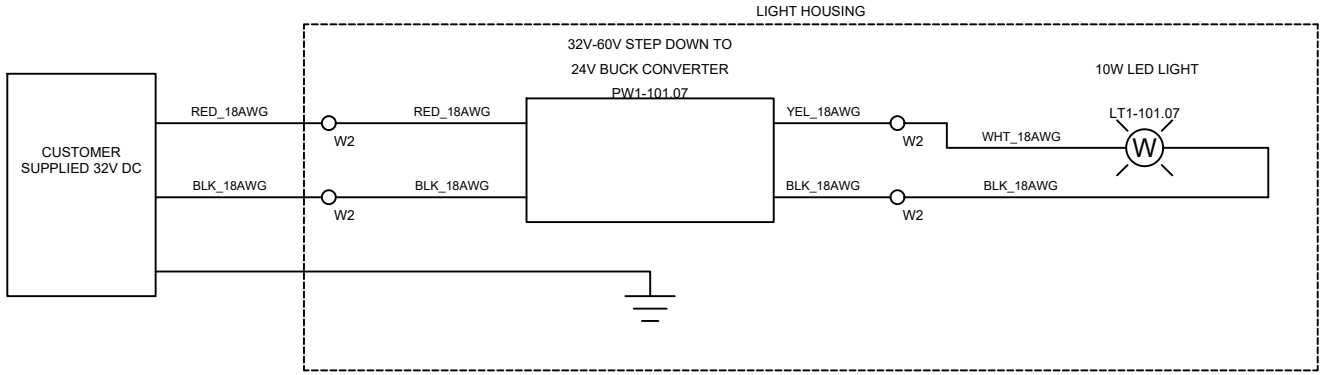
Number of Hubs and Sizes: The wiring hubs on these units are threaded for connection to rigid conduit and threaded connectors. Pendant and Stanchion mount configurations contain a single wiring hub and can be ordered with either a 3/4` or 1/2" hub. Ceiling and Wall Mount configurations are available with 3/4" or 1/2" hubs and contain 4 threaded wiring hubs to allow feed through and series

connections as well as connection to vertical or horizontally placed conduit.
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	10/07/2020

EXP-EXT-RH-10W-ITG-LED-32V-WALM

LARSON ELECTRONICS®



TAGS	QTY	CATALOG	DESCRIPTION
LT1-101.07	1	UNV00008066	A19 10W WHITE STEADY BURN
PW1-101.07	1	UNV00012011	BUCK CONVERTER
W2	4	UNV00004254	2-CONDUCTOR LEVER CLAMP WAGO

LARSON ELECTRONICS

9419 E US HWY 175,
KEMP, TX 75143

TITLE: EXP-EXT-RH-10W-ITG-LED-32V-WALM

DRAWN BY	DATE	REV
R.BLACK	10/07/2020	A
CHECKED BY	SHEET #	DRAWING #
P.CRYER	1 OF 1	101


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Frequently Asked Questions (FAQ)