12W Explosion Proof Sight Glass LED Light - C1D1/C2D1

Instruction Manual

Thank you for your purchase of the Larson Electronics EXPSG-TRN-LE1 sight glass LED light.

WARNING

TO AVOID THE RISK OF FIRE, EXPLOSION OR ELECTRIC SHOCK, THIS PRODUCT SHOULD BE INSTALLED, INSPECTED AND MAINTAINED BY A QUALIFIED ELECTRICIAN ONLY, IN ACCORDANCE WITH ALL APPLICABLE ELECTRICAL CODES.

TO AVOID ELECTRIC SHOCK:

- BE CERTAIN ELECTRICAL POWER IS OFF BEFORE AND DURING INSTALLATION AND MAINTENANCE.
- PRODUCT MUST BE CONNECTED TO A WIRING SYSTEM WITH AN EQUIPMENT-GROUNDING CONDUCTOR.

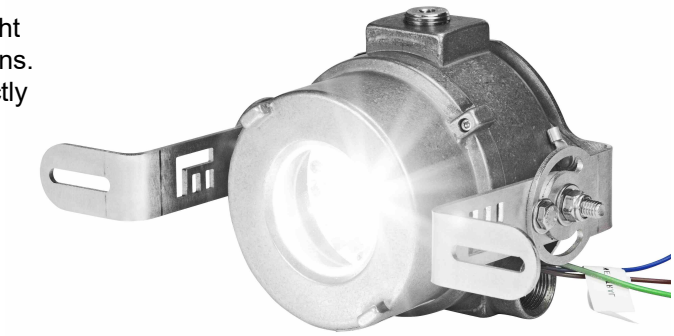
TO AVOID EXPLOSION:

- MAKE SURE THE SUPPLY VOLTAGE IS WITHIN THE VOLTAGE RATING.
- ENSURE THE MARKED T RATING IS LESS THAN THE IGNITION TEMPERATURE OF THE HAZARDOUS ATMOSPHERE.
- DO NOT OPERATE IN AMBIENT TEMPERATURES ABOVE THOSE INDICATED ON THE PRODUCT NAMEPLATE.
- DO NOT OPERATE IF THE LENS, CORD, SEALS, HOUSING, RECEPTACLES, ETC. IS CRACKED OR DAMAGED. IF SO, DISCONTINUE USE AND CONTACT MANUFACTURER FOR REPLACEMENT PARTS.
- ALL FASTENERS SHOULD BE PROPERLY SEATED.

The EXPSG-SS-TRN-LE1 from Larson Electronics is an Explosion Proof Sight Glass LED Light that operates on 120-240V AC and produces 1,320 lumens while drawing only 12 watts. The EXPSG-TRN-LE1 is Class I, II and III rated for hazardous areas and is listed for use worldwide including the United States, Canada, Europe and Asia. This explosion proof LED light fixture is offered in a choice of spot or flood beam configuration and operates on 120-240V AC.

MOUNTING

Equipped with adjustable legs at both sides of the unit, the LED light is compatible with several mounting requirements and configurations. For sight glass/surface mounting, the device can be attached directly using a nut, flanged adapter collar or hinged bracket. Bracket components allow robust, angled positioning of the light head. The ATEX rated fixture supports compatibility with circular sight glass fittings (DIN 28120, DIN 28121), weld-neck type MV sight glass fittings, ANSI flange types and visual flow indicators.



WIRING

***We strongly encourage a licensed electrician install this product,* in all locations especially in outdoor areas where weatherproofing may be required.**

Warning: ***Check product label for correct input voltage!***

Terminal strips inside the fixture allow operators to make electrical connections. Wiring is fed through rigid pipe to the 3/4" NPT hubs on either side of the fixture and tied in to the fixture's terminal strips, completing the electrical connection. Complete wiring according to the wiring diagram included with your unit. Utilize a junction box or similar device and take precautionary steps for weatherproofing all connections if installed in a location where water may come in contact with the unit. Ensure the unit is properly grounded and that wiring and sealing is done according to all local and national electrical/ building codes.

MAINTENANCE

It is good practice to routinely clean and check the fixture for proper function.

- Disconnect power running to the lamp and be sure the fixture is cool to the touch.
- Use a non-abrasive glass cleaning solution to clean the lens.

Note: *It is not necessary to open the fixture and clean or touch the LED's.*

USE AND CARE

Unauthorized modification may impair the function and/or safety of this device and could affect the life of the equipment. Always check for damaged or worn out parts before using the device. Store it in a secure place out of the reach of children when not in use. Inspect for good working condition prior to storage and before re-use.

REPLACEMENT PARTS

The EXPSG-TRN-LE1 is designed to provide years of reliable performance. Should the need for replacement parts arise, please contact Larson Electronics.

THESE INSTRUCTIONS MAY NOT COVER ALL DETAILS OR VARIATIONS OF THIS PRODUCT FOR YOUR EQUIPMENT OR INSTALLATION REQUIREMENTS. SHOULD FURTHER INFORMATION NOT COVERED BY THESE INSTRUCTIONS BE REQUIRED, PLEASE CONTACT LARSON ELECTRONICS BY EMAIL AT SALES@LARSONELECTRONICS.COM OR BY PHONE AT 1-877-348-9680 FOR FURTHER ASSISTANCE.

PLEASE VISIT LARSONELECTRONICS.COM FOR **WARRANTY** AND **RETURN** INFORMATION.