

INSTALLATION, OPERATION & MAINTENANCE DATA SHEET

LZ2SE SERIES FLUORESCENT EMERGENCY LUMINAIRES

ENCLOSED & GASKETED STAINLESS STEEL LUMINAIRE FOR CLASS I, DIV. 2, GROUPS A,B,C, AND D, CLASS I, ZONE2 , GROUPS IIC,IIB,IIA: CLASS II, GROUPS E,F,G AND CLASS III HAZARDOUS LOCATIONS. CLASS I ZONE 2 ,

Ex nA/ AEX nA GROUPS IIC,IIB,IIA, ENCLOSURE TYPE 3,4X ; IP66

IMPORTANT SAFEGUARDS – READ AND FOLLOW SAFETY INSTRUCTIONS

NOTE : Read this sheet carefully before beginning the installation.

- Do not use this equipment for other than the intended use as specified on equipment nameplate.
- Turn off the supplying circuit before beginning installations, or performing any maintenance including re-lamping.
- Do not install near gas or electric heaters.
- Do not attempt to service battery. The emergency ballast contains a sealed, maintenance free battery. Contact manufacturer for information for replacements.
- Batteries must be cycled or disposed of properly.
- Qualified service personnel must perform services.
- The emergency ballast is for linear fluorescent lamps.
- Equipment should be mounted in locations and at heights where unauthorized personnel will not readily subject it to tampering.

IMPORTANT: Before installing, check luminaire nameplate to be sure you have the correct product. Refer to luminaire nameplate for specific supply wire and temperature ratings.

WARNING: Turn **OFF** supplying circuit before starting installation.

NOTE: All installation must be in compliance with applicable national and /or local electrical codes.

DIRECTION OF INSTALLATIONS

1. Securely install Luminaire per Installation sheet Form K1273
2. Pull the all the latches which are holding the stainless steel body to the diffuser.
3. Carefully swing the diffuser down and allow to be suspended from the hinge latches.
4. Back out the four screws, approximately six turns, slide reflector plate over screws and gently lower plate supported by tray cables.
5. Pull the supply wires into housing through conduit hub and connect the appropriate leads using the wire nuts. Connect the ground wire to terminal provided in the ground plate, which is attached to hub inside the housing.
6. Re install the reflector plate, sliding it so that the keyhole slots are in secured position; then tighten the four screws.
7. Install proper lamps securely, as indicated in nameplate.



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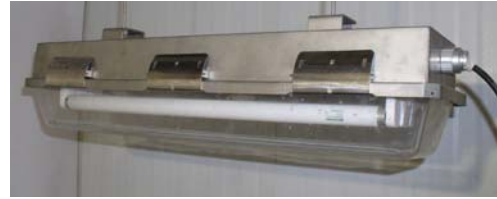
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8. Re install the diffuser by swinging it up slowly and pushing the latches till it securely locks in position. Maintain proper alignment of diffuser and housing.

9. Turn **ON** the desired supplying circuit and test luminaire.
NOTE : For push to test station installation use KILLARK control station number XCS-0B3-PTT & SWB series back box (W/ push to test nameplate) or equivalent. Refer to fig.1 for typical wiring and guidance.



7, 8

OPERATIONAL DATA

This luminaire is to be operated only at the voltage specified on fixture nameplate, and only with the lamps of the specific type and wattage as shown on the nameplate.

When AC power is applied, the charging indicator light is illuminated, indicating that the battery is being charged. When power fails, the emergency ballast automatically provides at least 90 minute (1.50 hours) of emergency illumination.

MAINTENANCE DATA

CAUTION: Turn OFF and lock out the supplying circuit before opening the luminaire or the ballast chambers, or performing any maintenance on the luminaire.

As a routine maintenance, this emergency luminaire should be checked periodically to ensure its proper operation. The following is recommended.

1. Visually inspect the charging indicator light monthly.
2. Test operation of the circuit at 30 day interval for a minimum of 30 seconds. The lamp should operate.
3. Conduct a 90 minute discharge test once a year. The lamp should operate for 90 minutes minimum.

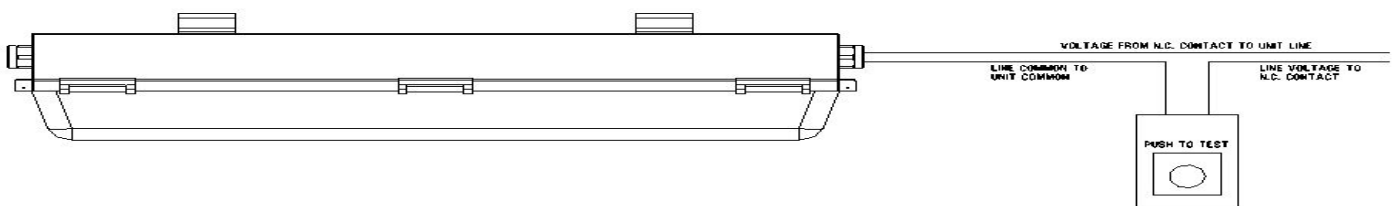


FIG. 1

TYPICAL WIRING DIAGRAM FOR PUSH TO TEST

RE-LAMPING: To re-lamp this luminaire, follow the steps 2, 3, 7, 8 and 9 under “Direction of Installation” on the front page of this sheet.

SAVE THESE SHEETS FOR FUTURE REFERENCES

Technical information, advice and recommendations contained in these documents are based on information that Killark believes to be reliable. All the information and advice contained in these documents is intended only for use by persons having been trained and possessing the requisite skill and know-how and to be used by such persons only at their own discretion and risk. The nature of these instructions is informative only and do not cover all of the details, variations or combinations in which this equipment may be used, its storage, delivery, installation, check out, safe operation, and maintenance. Since conditions of use of the product are outside of the care, custody and control of Killark, the purchaser should determine the suitability of the product for its intended use, and assumes all risk and liability whatsoever in connection therewith.

TEST & MAINTENANCE RECORDS

Unit Location and/or Number

DATE	Test Duration		Maintenance Performance		Comments
	30 Minutes	1 ½ Hrs.			