



# KILLARK®

## INSTALLATION, OPERATION & MAINTENANCE DATA SHEET

LZ2N SERIES FLUORESCENT LUMINAIRES  
ENCLOSED NON-METALLIC LUMINAIRES FOR  
CLASS I, DIV. 2, GROUPS A, B, C, & D, CLASS I,  
ZONE 2, GROUPS IIC, IIB, IIA ; CLASS II, DIV. 1  
& 2 GROUPS F & G AND CLASS III HAZARDOUS  
LOCATIONS, CLASS I, ZONE 2, Ex nA / AEx nA  
GROUPS IIC, IIB, AND IIA, ENCLOSURE TYPE 3,  
4X ; IP66



## LZ2N SERIES FLUORESCENT LUMINAIRES ENCLOSED NON-METALLIC LUMINAIRES

### CAUTION:

Before installing, make sure you are compliant with area classifications, failure to do so may result in bodily injury, death and property damage. Do not attempt installation until you are familiar with the following procedures. All installation must comply with the applicable Electrical Code.

Make sure that the circuit is de-energized before starting installation or maintenance.

Verify that the installation is grounded. Failure to ground will create electrical shock hazards, which can cause serious injury and or death.

### IMPORTANT:

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

Technical information, advice and recommendations contained in these documents is based upon information that Killark believes to be reliable. All the information and advice contained in these documents is intended for use only 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 does 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 his intended use, and assumes all risk and liability whatsoever in connection therewith.

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3940 Dr. Martin Luther King Drive  
St. Louis, MO 63113

P/N KIL00912452 FORM NO. K1267 10/04 ERO 6-12-04

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

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

## **1. DIRECTION FOR INSTALLATION**

1. Securely install Luminaire per IOM Form K1273.
2. Insert a tool into one of the slots in the clamping bar with the end of the tool located into the outer flange of the body as a fulcrum point. A wide blade screwdriver is recommended. Gently lever the tool away from the diffuser. The clamping bar will begin to open.
3. Carefully swing the diffuser down and allow it to be suspended from the hinge latches.
4. Back out four screws, approximately 8 turns, slide reflector plate over screws and gently lower plate until supported by tray cables.
5. Pull the supply wires into housing through the conduit hub and connect the appropriate ballast leads using the wire nuts. Connect the ground wire to the terminals provided in the ground plate, which is attached to the hub inside the housing.
6. Reinstall the reflector plate, sliding it so that the keyway slots are in secured position; then tighten the four screws.
7. Install proper lamp securely, as noted in the nameplate.
8. Reinstall the diffuser by swinging it up slowly and pushing the clamping bar back in place. It locks with the housing.
9. Maintain the proper alignment of diffuser and housing.
10. Turn **ON** the desired supplying circuit and test fixture.

## **2. OPERATIONAL DATA**

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

## **3. MAINTENANCE DATA**

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

**RELAMPING:** To relamp this fixture, follow Steps 2, 3, 7, 8, 9, and 10 under "Directions for Installation" given above.

**SEE REVERSE FOR  
MAINTENANCE MANAGER RECORD**



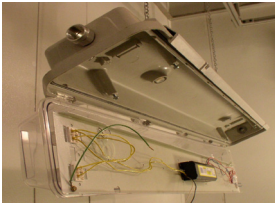
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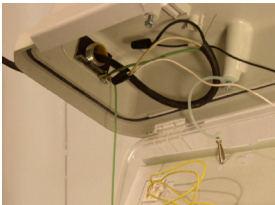
3



4,6



4



5



7

**KILLARK®** 

**Victor**  
Lighting

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MAINTENANCE MANAGER: Please record the following information for your records:

Complete Catalog No. \_\_\_\_\_  
(As shown on Nameplate)

Installed By: \_\_\_\_\_

Date of Installation: \_\_\_\_\_

REMEMBER TO SAVE ONE OF THESE SHEETS FOR MAINTENANCE PERSONNEL

**KILLARK**<sup>®</sup>

**Chalmit**

**Victor**  
Lighting

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Technology

**RIG POWER**

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