



KILLARK®

INSTALLATION, OPERATION & MAINTENANCE DATA SHEET

“EMI” / “EBF” / “EQF” SERIES INCANDESCENT / FLUORESCENT FACTORY - SEALED LIGHTING FIXTURES

READ THIS SHEET CAREFULLY BEFORE BEGINNING INSTALLATION



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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:

1. See fixture nameplate for specific hazardous location suitability and specific supply wire (minimum temperature rating).
2. Verify the ground continuity in the electrical system.
3. Do not operate this fixture if the ambient temperature exceeds the rating shown on the nameplate.

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 00911789 FORM NO. K1094 R02/08 ECO-I-006-08

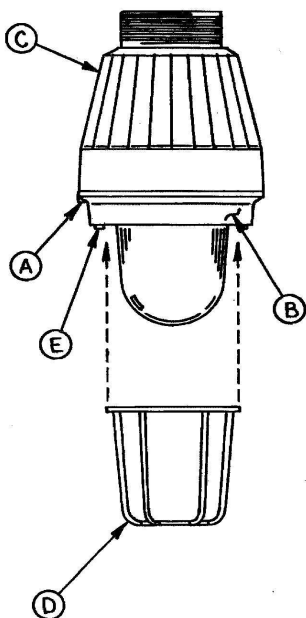
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WARNING: Turn **OFF** the supplying circuit before beginning installation, or performing any maintenance including relamping.

WARNING: Do not operate this fixture on an ungrounded system.

NOTE: All installations must comply with applicable local and/or National Electrical Code, or United States Coast Guard (CFR46), Section (110-113) for Marine installation.

1. INSTALLATION



INSTALLATION DRAWING

1. Install fixture's mounting accessory per instructions supplied with the mount.
2. Loosen the locking screw (A).
3. Unscrew and remove globe support assembly (B) from fixture tank (C). **CAUTION:** During installation or maintenance, care should be taken to avoid scratching, nicking or chipping the glass globe.
4. Verify that the supply line voltage and fixture nameplate voltage are compatible.
5. Make sure the external threads at the top of the fixture tank are free of any dirt, metal chips or other foreign materials. Apply a thin coat of Killark "LUBT" lubricant to the threads.
NOTE: Take extreme care not to cross-thread the fixture when installing into mounting accessory. Install fixture by threading into the mounting accessory; the electrical contacts will automatically engage. Be sure the fixture is tight (the O-ring gasket is in full contact on Marine fixtures).
6. Tighten the set screw on the side of the mounting accessory.
7. Referring to the fixture nameplate, install the proper size and type of lamp. **NOTE:** Fluorescent fixtures are provided with the proper lamp.
8. Make sure the globe support threads are clean. To prevent galling of threads, apply a thin coating of Killark "LUBT" lubricant to the male threads. Thread the globe support assembly into the fixture tank and turn until there is no gap between the flanges (the O-ring gasket is in full contact on Marine fixtures).
9. Tighten the locking screw (A).
10. To install optional guard (D) (EMG I), loosen the (4) screws (E), slip the guard over the screws & rotate it to the locked position. Tighten the screws firmly.

NOTE: Join or "lap" marks may form during the pouring of molten glass in the globe manufacturing process. It is not unusual for these marks to become visible. This is a common and normal occurrence for large explosion proof globes and does not affect performance.

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2. OPERATIONAL DATA

Operate this fixture only at the voltage of your specific supply circuit.

3. MAINTENANCE DATA

CAUTION - Turn **OFF** the supplying circuit before opening fixture for relamping. To relamp loosen the locking screw and remove the globe support assembly.

NOTE: The globe support assembly disengages after approximately 3 turns. * Replace the lamp with one of the correct size and type. Refer to the fixture nameplate for this information. When relamping be careful not to damage the threaded areas of the fixture, as they maintain the fixture's explosion- proof properties. Clean the threads and apply a thin coating of Killark 'LUBT lubricant before reassembling.

CLEANING: To maintain maximum light output, the fixture should be cleaned periodically. Maintenance procedures sometimes require fixtures to be hosed down for good housekeeping.

NOTE: The supply circuit must be turned **OFF** and the fixture globe must be allowed to cool to the ambient room temperature before cleaning. Only mild, non-abrasive cleaning agents should be used. These periodic cleaning procedures are important to prevent the accumulation of dust and dirt which will impair the light output of the fixture. The glass globe should be regularly inspected for scratches and chips and, if damaged, the entire globe support assembly must be replaced.

* See 2 & 3 on Installation.

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