



**KILLARK®**

# INSTALLATION, OPERATION & MAINTENANCE DATA SHEET

**MB SERIES HID BALLAST TANKS  
ENCLOSED AND GASKETED LIGHTING FIXTURES FOR  
CLASS I, ZONE 2  
EXNR APPLICATIONS. REFER TO NAMEPLATE FOR  
CLASSIFIED LOCATION INFORMATION.**



## MB SERIES HID BALLAST TANKS

### 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 the fixture nameplate to be sure you have the correct fixture. Verify that there is ground continuity in the electrical system. Refer to the fixture nameplate for specific supply wire temperature rating.

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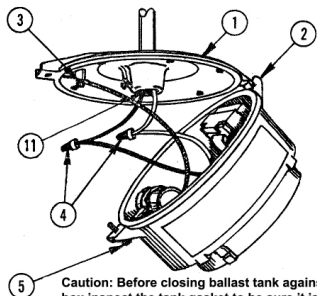


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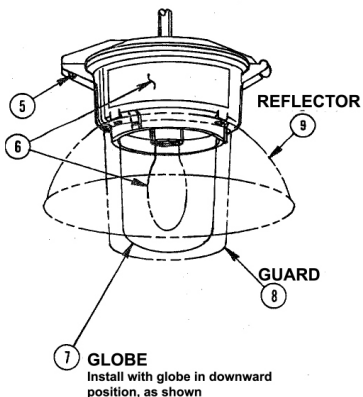
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## INSTALLATION DRAWINGS



Caution: Before closing ballast tank against splice box, inspect the tank gasket to be sure it is clean and free of any cuts or abrasions. If the gasket is damaged in any way, the ballast tank assembly must be replaced



**WARNING** - Turn **OFF** the supplying circuit before starting installation.

**NOTE:** All installations must comply with applicable local and / or National Electrical Code.

## 1. DIRECTIONS FOR INSTALLATION

1. Using the installation drawings as a guide, make sure the splice box is securely installed (Refer to installation sheet supplied with splice box).
2. Hang the fixture on the splice box hinge.
3. Attach the green (ground) lead to the splice box grounding screw provided.
4. Connect supply wires to appropriate ballast tank wire leads, using the wirenuts provided.
5. Close the ballast tank against the splice box and tighten the screw to secure it.
6. Referring to fixture nameplate, install the proper size and type of lamp.
7. Install globe in globe threads. Band wrench tighten 1/4 turn past hand tight.
8. Install globe guard over lugs on ballast tank, turn until stopped. Secure by tightening screw.
9. To install reflectors, back out (4) screws provided ballast tank bosses enough to slip the reflector over the screws and twist in place. Tighten screws to secure the reflector.
10. Turn **ON** the supplying circuit and test the fixture.
11. Seal all wire entries with a setting type of silicone caulking, such as RTV.

## 2. OPERATIONAL DATA

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

**NOTE:** Most HID lamps need 4 to 5 minutes to reach full lighting output. A power failure or a large voltage drop will extinguish the arc. The lamp will restrike after cooling for approximately 5 to 12 minutes (30 to 90 seconds for High Pressure Sodium).

**NOTE:** Join or "lap" marks may form during 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 globes and does not affect performance.

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### **3. MAINTENANCE DATA**

**CAUTION** - Disconnect the supplying circuit before opening fixture or removing globe for relamping. To relamp, remove the globe guard and globe. Replace lamp with one of the correct type. Refer to the fixture nameplate for this information.

To maintain maximum light output, this fixture should be cleaned periodically. Maintenance procedures sometimes require fixtures to be hosed down for good housekeeping. 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. The force of water applied by a hose must not exceed 65 gallons per minute coming from a 1" diameter hose applied at a distance of 10 feet. 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, must be replaced.

**HIGH VIBRATION AREAS** - Periodic inspection of globe tightness is required; recommended every six (6) months.

REMEMBER TO SAVE ONE OF THESE SHEETS FOR MAINTENANCE PERSONNEL.

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