

INSTALLATION INSTRUCTIONS

IMPORTANT: Read carefully before installing fixture. Retain for future reference.

ROUND AND SQUARE BOLLARD Sheet 1 of 2

7/2/02

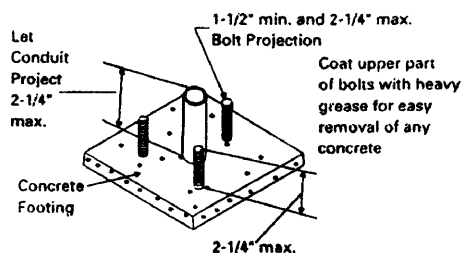
IMI-510

General: Upon receipt of the fixture, thoroughly inspect for any freight damage, which should be brought to the attention of the delivery carrier. Compare the catalog description listed on the packing slip with the fixture label on the housing to assure you have received the correct merchandise.

Safety: This fixture must be wired in accordance with the national electrical code and applicable local codes and ordinances. Proper grounding is required to insure personal safety. Carefully observe grounding procedure under installation section. All work should be done by a qualified electrician.

WARNING: Make certain power is OFF before starting installation or attempting any maintenance.

CENTER WIRING CONDUIT INSIDE OPENING



NOTE: Recheck anchor bolts to be sure they are plumb. Make corrections before concrete sets.

CAUTION: Install luminaire above grade to prevent water entry in base area.

INSTALLATION

1. Remove the top cap by loosening the 1/4-20 X 1/2 long allen head screws located immediately underneath the top. There are two screws on the square bollard and three on the round bollard. Rotate the top counter-clockwise and lift it off. Place the rubber globe gasket in the recess around the socket. Install the proper lamp. Screw in the glass jar. Reinstall the top cap and secure. (FIG. 1)
2. Remove ballast assembly from the base by loosening two screws at the bottom of the lower housing (Note: Screws do not need to be completely removed.). Carefully pull lower housing from the ballast assembly. Next, loosen the two screws at the ballast assembly base and twist slightly. (FIG. 2)
3. Pull field wires, including ground wire, through conduit. (FIG. 3)

FIG. 1

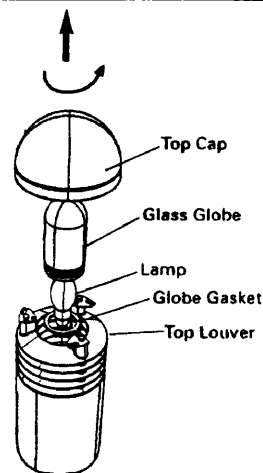


FIG. 2

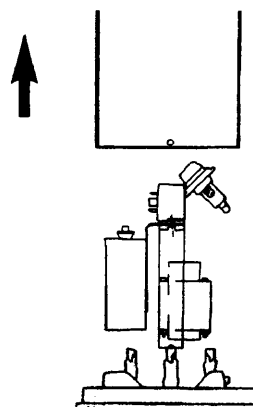
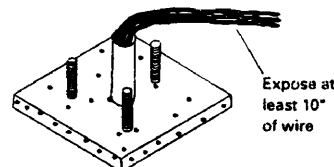


FIG. 3



These instructions do not claim to cover all details or variations in the equipment, procedure, or process described, nor to provide directions for meeting every possible contingency during installation, operation or maintenance. When additional information is desired to satisfy a problem not covered sufficiently for user's purpose, please contact your nearest representative.

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WARNING: Make certain power is OFF before starting installation or attempting any maintenance.

- Position base plate over anchor bolts so base plate rests on concrete footing. After base plate is in position add one washer and one nut to each anchor bolt and tighten securely. (FIG. 4)

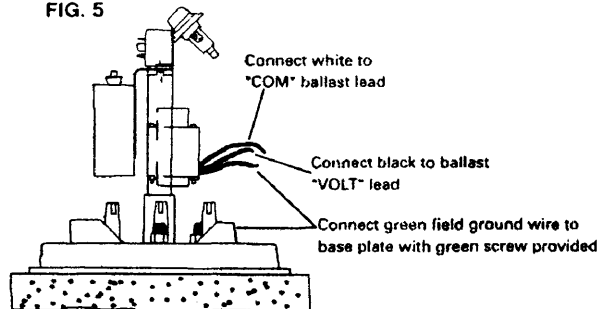
FIG. 4



- Twist the ballast assembly into place and tighten the two screws at the assembly base. Connect ballast leads to supply wires in accordance with all appliance codes. (FIG. 5)

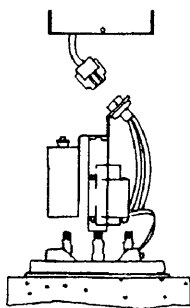
NOTE: Use proper wire connectors provided.

FIG. 5



- Connect lamp leads from housing to connector provided on ballast assembly before replacing the lower housing over the ballast assembly. (FIG. 6)

FIG. 6



- After replacing housing over base plate, secure with screws provided. Securely tighten four 1/4-20 Allen head screws (provided) at base.
- Energize the power circuit.

CLEANING

The glass globe can be cleaned with a suitable, non abrasive glass cleaner, soap, or detergent. Rinse with water to remove soap and detergent.

RELAMPING

WARNING: DO NOT PERFORM RELAMPING WHILE FIXTURE IS ENERGIZED!

WARNING: ALLOW TIME FOR GLOBE AND LAMP TO COOL BEFORE ATTEMPTING RELAMP!

WARNING: INSURE THAT RECESSED SOCKET AREA IS DRY BEFORE RELAMPING!

CAUTION: GLASS GLOBE AND LAMP COULD BE EXTREMELY HOT - ALLOW TIME FOR GLOBE AND LAMP TO COOL BEFORE ATTEMPTING RELAMP.

Remove the top cap by loosening the 1/4-20 X 1/2 long allen head screws located immediately underneath the top. There are two screws on the square bollard and three on the round bollard. Rotate the top counter-clockwise and lift it off. Place the rubber globe gasket in the recess around the socket. Install the proper lamp. Screw in the glass jar. Reinstall the top cap and secure.

CAUTION: PRIOR TO INSTALLING THE LAMP IN THE FIXTURE, CHECK TO MAKE SURE THE LAMP IS THE PROPER TYPE AND WATTAGE. OBSERVE LAMP MANUFACTURER'S RECOMMENDATIONS AND RESTRICTIONS ON LAMP OPERATION, PARTICULARLY BALLAST TYPE AND BURNING POSITIONS.

TROUBLE SHOOTING

In the event that your fixture fails to operate properly, first check that:

- The proper lamp is installed.
- The lamp is not faulty.
- The line voltage (at fixture) is proper.
- The fixture is wired properly.
- The fixture is grounded properly.
- The lamp is properly seated.

If all of the above have been checked and the fixture still does not operate properly, contact your McGraw-Edison distributor or representative.

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