



# EXPLOSION-PROOF POWER STROBE BEP SERIES

FOR CLASS I, GROUPS C & D  
CLASS II, GROUPS E, F, & G  
CLASS III, HAZARDOUS LOCATIONS  
OUTDOORS (NEMA 3R & 4)

## INSTALLATION, OPERATION AND MAINTENANCE DATA SHEET

**IMPORTANT**— Before installing, check the carton label and fixture nameplate to be sure you have the correct type of fixture.

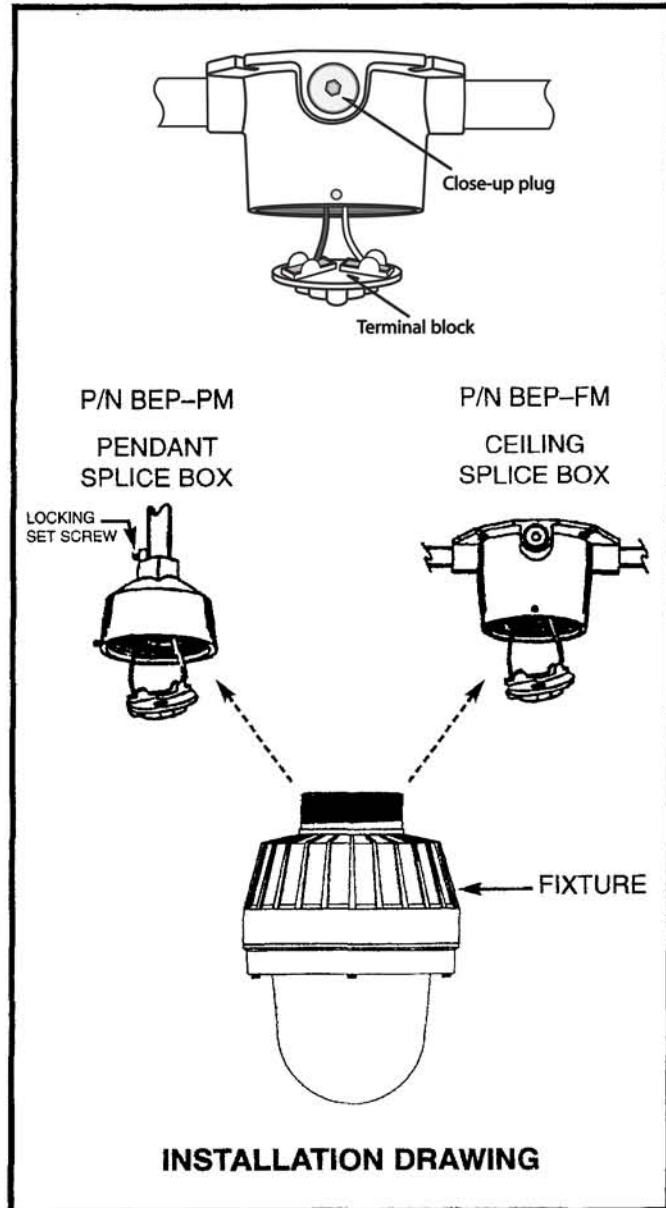
**Make sure that the circuit is deactivated before starting installation.**

### DIRECTIONS FOR INSTALLATION

1. Using the installation drawing at the right as a guide, remove the splice box from the fixture (if attached).
2. Refer to splice box mount instruction sheet K1087 included with the splice box. Install pendant mount splice box to conduit and secure with locking set screw. Install the ceiling mount using the four (4) external mounting screws.

**NOTE: Fixture splice box must be grounded.**

3. Remove terminal block from the splice box by loosening two (2) mounting screws.
4. Connect the ground wire to the green screw inside splice box.
5. Connect the supply lines to the terminal block. (NOTE: For DC voltage the terminal block is to be wired "POS." (+) to "LINE" terminal and "NEG." (-) to "COM." terminal.)
6. Reinstall terminal block in splice box, and securely tighten it in place.
7. Thread the fixture into the splice box and secure with the set screw. Be sure that the mating threads are clean and adequately lubricated.
8. Install guard, and/or reflector as required. Check the tightness of all set screws and all threaded joints. Turn on the supplying circuit to test the fixture.



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

**Remember to save one of these sheets for maintenance personnel.**

### TOMAR Electronics, Inc.

2100 West Obispo • Gilbert, Arizona 85233 USA

800-338-3133 • (602) 497-4400 • FAX (800) 688-6627 • (602) 497-4416

www.tomar.com • E-mail sales@tomar.com

## OPERATIONAL DATA

Operate this fixture at its rated voltage. See fixture nameplate for this data.

## MAINTENANCE DATA

**CAUTION: Disconnect the supplying circuit before opening or relamping this fixture.**

To Relamp:

Loosen the set screw and unscrew the globe support assembly.

Loosen and remove the three (3) screws holding P/N 700-R1 to the fixture.

Disconnect the M43A connector on P/N 700-R1 from its mating connector, M44A, in the fixture.

Replace P/N 700-R1 and reconnect M43A connector to the mating connector, M44A, in the fixture.

Reinstall three (3) screws.

Inspect the mating threads to be sure they are clean and well lubricated. Inspect the globe for scratches. **NOTE:** If globe is scratched or chipped, the globe support assembly must be replaced.

Reinstall globe support assembly.

When relamping, be careful not to damage the external threaded areas, since they maintain the fixtures explosion-proof properties. The threads should be lubricated occasionally.

Check the tightness of all set screws and all threaded joints. Turn on the supplying circuit to test the fixture.

To maintain maximum light output from this fixture, it should be cleaned periodically per the following suggestions:

The aluminum exterior of the fixture should be cleaned only with mild soap or cleaner, and should be rinsed with water immediately. Alkaline or acidic cleaners should never be used on aluminum.

The glass globe may be cleaned with any non-abrasive cleaner. The globe should be regularly inspected for scratches and chips.

These periodic cleaning procedures are important to prevent the accumulation of dust and dirt which will impair the light output of the fixture.

## PARTS DRAWING

