



#### IN-GRADE CONCRETE INSTALLATION

1. Dig hole approximately 10" diameter to a depth suitable to make top of fixture flush to 1/8" above grade. Pea gravel or sand is recommended for seating the fixture housing to aid positioning.
2. Install JBCP-150 concrete mounting guard making sure the top edge of the ring lines up with the top edge of the lens cover. Secure side bands to the bottom of fixture with #10 self-tapping screws provided. (Side bands of JBCP-150 may be bent outward to adjust the fit of the top ring.)
3. Install conduit through 3/4" NPT holes in bottom of luminaire using Teflon tape or other thread sealant. Using plug (provided), seal unused conduit entry if required.

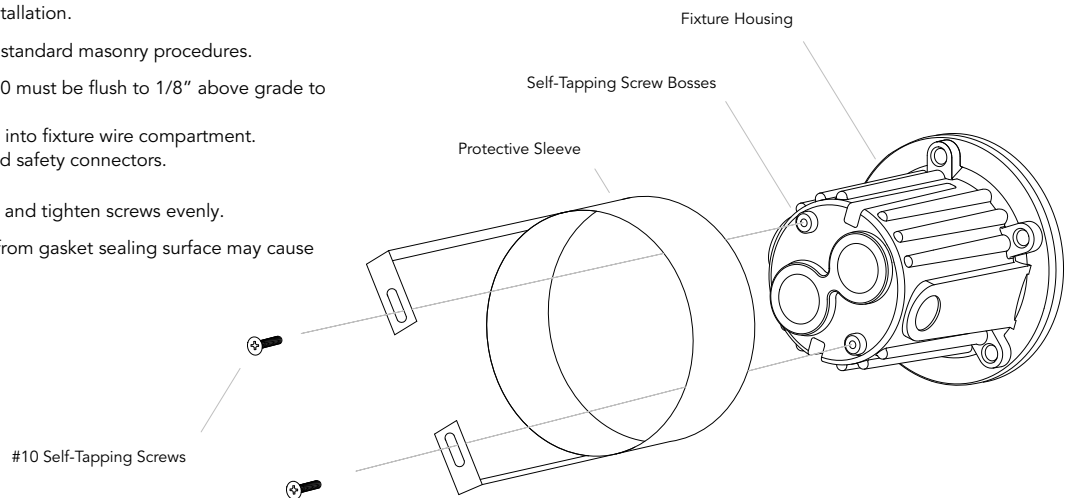
**NOTE:** UL listed flexible conduit is recommended for in and out connections to ease fixture position and adjustment during installation.

4. Support fixture in selected position using standard masonry procedures.

**NOTE:** When installing in concrete, JBCP-150 must be flush to 1/8" above grade to promote water runoff.

5. Pull supply wires (line in), through conduit into fixture wire compartment.
6. Wire fixture as required using silicone filled safety connectors.
7. Pour concrete at least 2" thick.
8. Replace silicone rubber gasket and cover, and tighten screws evenly.

**NOTE:** Failure to remove all dirt and debris from gasket sealing surface may cause leakage and void the warranty.



#### FLUSH WALL INSTALLATION

1. To prevent electrical shock, disconnect transformer from electrical supply before installation or service.
2. Using JBCP-150 housing as a template, mark the location of the housing on the wall or other mounting surface.
3. Cut hole in wall or other mounting surface to accept housing.

**NOTE:** Remove any insulation within six (6) inches of where fixture will be mounted.

4. Install JBCP-150 concrete mounting guard making sure the top edge of the ring lines up with the top edge of the lens cover. Secure side bands to the bottom of fixture with #10 self-tapping screws provided. (Side bands of JBCP-150 may be bent outward to adjust the fit of the top ring.)

**NOTE:** If running wire through conduit, UL listed flexible conduit is recommended for in and out connections to ease fixture position and adjustment during installation.

- Install conduit through 3/4" NPT holes in bottom of fixture using Teflon tape or other thread sealant. Using plug (provided), seal unused conduit entry if required.
- Pull supply wires (line in) through conduit into fixture wire compartment.

5. Insert housing into cut hole and secure tightly to wall or other mounting surface.

**NOTE:** Position housing in wall so that the marked screw boss is oriented upward. See fig. 1.

6. Strip the two (2) leads from the fixture wire. Using the two (2) silicone filled safety connectors, connect the leads from the luminaire to the main supply cable leads.
7. Install cover plate to luminaire and tighten screws evenly.

