

## INSTALLATION INSTRUCTIONS

**WARNING:** Composite In-Ground ballast must be installed and grounded in accordance with the National Electrical Code (NEC) and local codes. Failure to do so will void the warranty and may result in serious injury and/or damage to the ballast.

**MAINTENANCE:** To assure proper operation and efficiency and to prevent ballast overheating, lens must be kept clean and free of dirt, dust, leaves, trash and mineral deposits from water. A regular schedule maintenance program is recommended.

**NOTE:** Always use UL Listed wire connectors for connections.

**NOTE:** Save these instructions for future reference.

**BALLAST ENCLOSURE IS UL RECOGNIZED FOR BELOW GRADE INSTALLATION ONLY.**



### In-Grade Soil Installation:

#### BALLAST MOUNTING:

1. Dig hole approximately 14" deep by 14" diameter.
2. Install conduit through 3/4" NPT holes in bottom of ballast using Teflon tape or other thread sealant. Using plugs (provided), seal unused conduit entries, if required.

**NOTE:** Housing cover should be at least 1/8" above finish grade to prevent water from accumulating on lens, and to allow future cover removal.

**NOTE:** For a more secure installation, rebar bracing is recommended. Attach perforated strap (plumber's tape), (by others), to hole under lip of ballast with a 1/4-20 self tapping screw (by others), and attach to rebar. See illustration.

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

3. Backfill hole after installation with pea gravel or sand. Do not backfill with bark or other flammable materials.
4. Pull wires through conduits into ballast wire compartment.
5. Wire ballast enclosure as required using silicone filled safety connectors (provided).

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

6. Replace silicone rubber gasket and cover and tighten screws evenly.

### Concrete Pour Installation:

#### BALLAST MOUNTING:

1. Dig hole approximately 14" deep by 14" diameter (or a depth suitable to make top of fixture flush to 1/8" above grade). Pea gravel or sand is recommended for seating ballast housing to aid positioning.
2. Install CGB-150 concrete mounting guard making sure top edge of ring lines up with top edge of lens cover. Secure side bands to bottom of fixture with #10 screws provided. (Side bands of CGB-150 may be bent outward to adjust fit of top ring.)
3. Install conduit through 3/4" NPT holes in bottom of ballast using Teflon tape or other thread sealant. Using plugs (provided), seal unused conduit entries, if required.

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

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

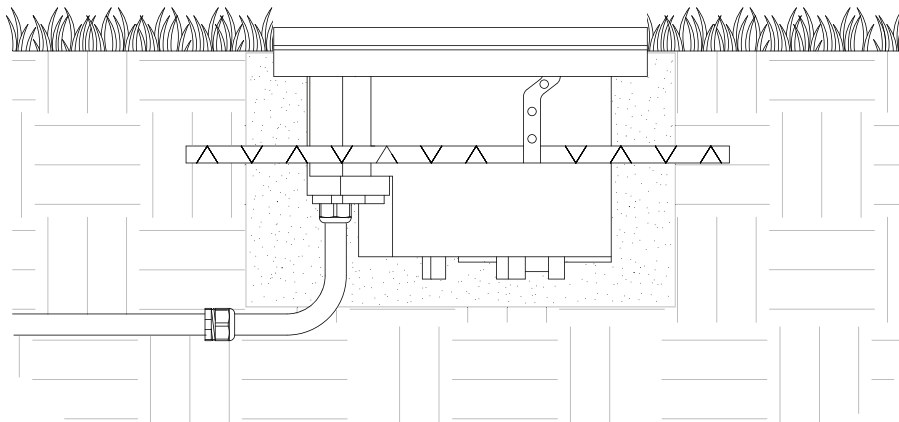
**NOTE:** For a more secure installation, rebar bracing is recommended. Attach perforated strap (plumber's tape), (by others), to hole under lip of ballast with a 1/4-20 self tapping screw (by others), and attach to rebar.

5. Backfill hole after installation with pea gravel or sand. Do not backfill with bark or other flammable materials.

**NOTE:** Top of housing cover should be at least 1/8" above finish grade to prevent water from accumulating on lens.

6. Pour concrete at least 2" thick.
7. Pull wires through conduit into ballast wire compartment.
8. Wire ballast enclosure as required using silicone filled safety connectors (provided).
9. 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 warranty.



Vista Professional Outdoor Lighting reserves the right to modify the design and/or construction of the fixture shown without further notification.

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### Sealing Wiring Compartment:

**NOTE: FAILURE TO PROPERLY WIRE AND ENCAPSULATE WIRE COMPARTMENT WILL VOID PRODUCT WARRANTY.**

1. Use **Mastic (provided)**, to seal conduit entries from inside wire compartment to ensure **sealant** (below) does not flow down into conduit.
2. Push wire nut connections to bottom of wiring compartment.
3. Remove **Sealant Pouch (provided)**, from protective cover. Grasp both sides of sealant pouch and pull until there is no barrier between both solutions in pouch.
4. Mix sealant by alternately squeezing each end of sealant pouch, moving sealant back and forth until solutions are completely mixed together.
5. Cut off corner of sealant pouch and immediately pour into wiring compartment covering wire nuts, and allow sealant to dry for approximately 20 minutes.
6. Replace silicone rubber gasket and cover and tighten screws evenly.
7. Supply power to ballast and check for proper operation.

