



# INSTALLATION INSTRUCTIONS FOR DB SERIES (DIRECT BURIAL) H.I.D. BALLASTS

INSPECTED BY:

**NOTE: Must be installed by a licensed electrician per local codes  
For Questions Call 1-888-882-1350**

### CAUTION:

#### DO NOT ALLOW WATER TO COLLECT IN OR NEAR DIRECT BURIAL BOX

When used with fixture attached to cover an Extension Cap with lens (-EC) or Angle Cap (-AC) with lens must be used to prevent water from entering the fixture and possibly entering the junction box.

Conduit entry ways into junction box should be properly sealed around threads. UL approved duct sealing compound should be used inside entry ways and around the wires to prevent water entry. This includes the swivel and lead wires from fixture. Failure to do so will void warranty.

Unused conduit entry ways should be properly plugged and sealed.

All H.I.D. fixtures must be matched up with corresponding ballast. (Example: 100w Metal halide fixture must use 100w Metal Halide ballast.) H.I.D. ballasts and fixtures work on 1 to 1 ratio. Two H.I.D. fixtures require Twin ballasts (-T). Additional H.I.D. fixtures require additional ballasts.

#### Read these instructions carefully before installing this fixture.

- 1) Turn off power at fuse box or circuit breaker at panel before installation.
- 2) Remove #10 Phillips head screws and remove cover with gasket.
- 3) Sweep conduit into side of PVC box using supplied 1/2" liquid tight female PVC adapter or UF liquid tight connector. For 3/4" conduit, you must drill out and tap to accept 3/4" liquid type connector. If you are feeding through to the next DB unit or power source, you must drill a hole for the appropriate size conduit on the side or bottom of the PVC box and use proper liquid type fitting. To mount a fixture on top of DB unit, drill 23/32" diameter hole and tap with a 1/2". Make sure to seal swivel in fixture with silicone to prevent water from entering into DB enclosure (The above can be done by factory at time of order if specified).
- 4) Connect the wires in accordance with the local and NEC (National Electric Code) requirements.
- 5) Mount cover and secure with screws removed earlier. Make sure gasket sits flat and tight in the cover to insure a weatherproof seal.
- 6) Turn power on and check for proper operation.

You can feed through to another DB unit or power source by adding a 1/2" or 3/4" liquid tight connector/adaptor to the desired location on the DB box. It's best to specify hole size, location, and quantity at time of order. Consult factory for price and availability.

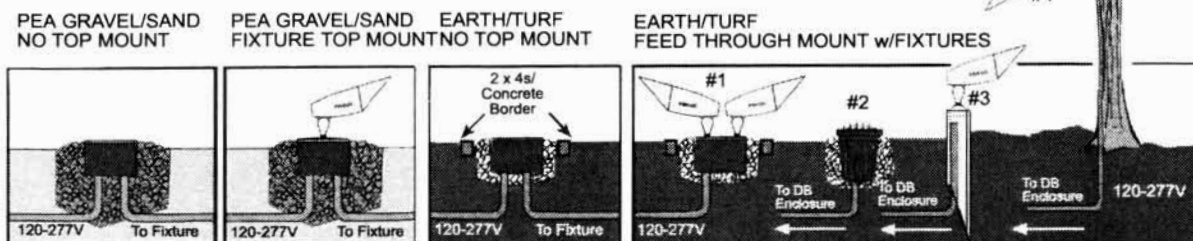
**NOTE:** All Direct Burial Ballasts must be accessible for servicing. Install at highest grade to allow water to run off. At least 1" to 1-1/2" above grade. The preferred drainage material is pea gravel or sand. Earth/turf best if used with wooden 2 x 4 or concrete border to separate grass from transformer to insure proper drainage and prevent lawn equipment from damaging the unit.

**IMPORTANT:** Conduit entry ways should be properly sealed around threads and UL approved duct sealing compound should be used in the conduit around the wires to prevent water entry through conduit. Unused conduit entry ways should also be properly plugged and sealed. Failure to do so will void warranty.

- Do NOT allow water to gather near unit.
- Do NOT install in low grade areas. You can mount the unit in a valve box, however you must have plenty of room to service and wire the unit up.
- KEEP IN A DRY LOCATION IF POSSIBLE.

### DISTANCE LIMITATIONS

Do not mount HID fixture over 10 feet away from ballast. If application required runs longer than 10 feet, specify a Long Range Igniter to operate HID fixtures (add -LRI to catalog #)



**FAILURE TO FOLLOW THESE INSTALLATION INSTRUCTIONS AND ALL APPLICABLE ELECTRICAL CODES WILL VOID THE WARRANTY.**