

DB8 Cool Lens Installation Sheet

Safety, Warnings and Suggestions

- ¹ Care should be taken not to position fixtures in locations where bare skin can come into contact with the potentially high temperatures on the lens.
- ² Avoid installing fixtures in locations where water collects and stands for prolonged periods.
- ³ Make sure that electrical power is disconnected before any work is performed.
- ⁴ All gaskets and sealing surfaces must be kept clean during installation.
- ⁵ As a rule of thumb, the higher the fixture is mounted above grade potential problems such as foliage over growth or water, mud etc. collecting on the lens are reduced.
- ⁶ All wiring and installation should meet local, state and national electrical codes.
- ⁷ This will help prevent wire connector corrosion due to water penetration from the conduit.
- ⁸ Install correct lamp type and wattage.
- ⁹ If condensation, built up during installation, is visible on the lens it is recommended that the fixture be turned on before the lens ring is fully secured for approximately 30 minutes. This should allow the condensation to be exhausted.

Due to a program of continuous improvement, Bronzelite reserves the right to make any variation in design or construction to the equipment described.

P/N 32001825

1. Prepare the site with adequate excavation to install fixtures¹. Drainage media below fixture will enhance installation^{2,3}.

2. Remove lens ring and lens with gasket,⁴ reflector assembly and "D" shaped splice box cover plate and gasket.

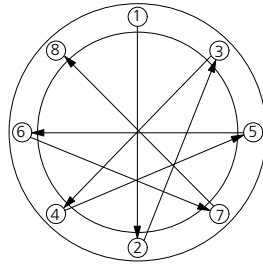
3. Connect conduit to the 3/4" NPT openings in the splice compartment at the bottom of the fixture, using the appropriate thread sealing compound. Tighten to 15 ft-lbs. max.

4. Position fixture so it is flush or just above the installation area grade⁵ and orient the fixture with regard to architectural requirements to obtain the appropriate accent.

5. Make power and ground connections using provided waterproof wire nuts. It is recommended that RTV Silicone or other re-enterable water sealing compound be used to seal the conduit entry points⁷.

6. Reinstall "D" shaped splice box cover plate and gasket ensuring that all four (4) screws are securely tightened.⁴ Reinstall reflector assembly, install lamp⁸ and make aiming adjustments.

7. Install lens ring and lens with gasket⁴ **IMPORTANT! A CRISS CROSS PATTERN IS REQUIRED TO ENSURE THAT A GOOD COMPRESSION SEAL IS MADE.** If this is not accomplished the fixture could leak and be damaged. Tighten socket head cap screws gradually using multiple tightening steps to 50 in/lbs.

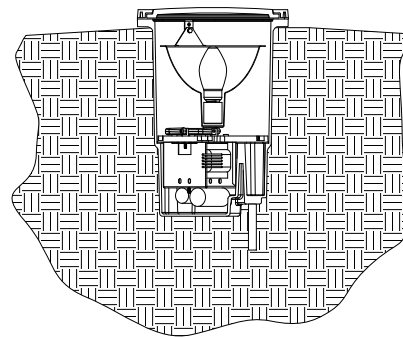


Use several rotations of the following sequence to tighten the lens ring socket head cap screws, to 50 in/lbs.

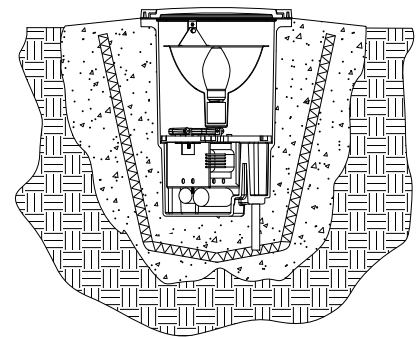
Mount Fixture as high above grade as possible to prevent debris and water standing on fixture surface.

Create an isolation barrier around the fixture to prevent rocks and foliage from interfering with light output.

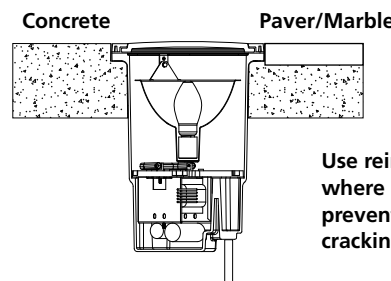
Add drainage media below and around fixture to prevent standing water.



DB8 In Soil

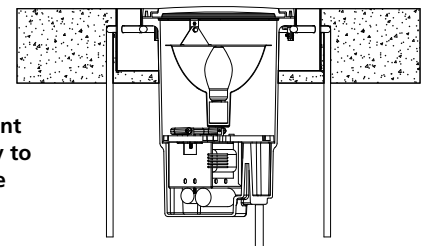


DB8 In Soil With Concrete Base and Trim Ring



DB8 In Concrete With Trim Ring

Use reinforcement where necessary to prevent concrete cracking.



DB8 In Concrete With Grout Mask and Trim ring