



FOR USE ONLY WITH LOW VOLTAGE LANDSCAPE POWER UNITS THAT DO NOT EXCEED 25 AMPS, 15 VOLT MAXIMUM

IMPORTANT NOTE:

Luminaire must be installed in accordance with the National Electrical Code (NEC) and local codes.

All conduit entries must be sealed from moisture. Use appropriate sealing material on conduit fittings and conduit closure plugs.

Luminaire is wet location listed and suitable for in-grade mounting in concrete or other supportive surface materials (including soil).

Always use UL recognized wire connectors for connections.

MAINTENANCE: To assure proper operation and efficiency and to prevent luminaire overheating, lens must be kept clean and free of dirt, dust, leaves, trash and mineral deposits from water. Excessive heat may create a fire hazard and/or harm the fixture components. A regular schedule maintenance program is recommended.

SAFETY WARNING: Lens and housing around the lamp can become hot enough to blister hands, depending on the lamp wattage used. Particular care should be taken not to locate luminaires where small children can reach them if high wattage lamp wattage is used. Never install in-grade fixtures in mulch, wood chips, or other potentially ignitable materials. Failure to do so will void warranty and may result in serious injury and/or damage the fixture and/or property.

LUMINAIRES ARE NOT TO BE INSTALLED WITHIN 10 FT. (3.05M) OF A POOL OR SPA. SECONDARY CABLE IS NOT TO BE BURIED MORE THAN 6".
WHEN USING MULTIPLE LUMINAIRES, LOAD IS NOT TO EXCEED THE TOTAL WATTS OF TRANSFORMER RATING. DO NOT USE EXTENSION CORDS ON POWER UNITS.

NOTE: Save these instructions for future reference



CONCRETE POUR INSTALLATION

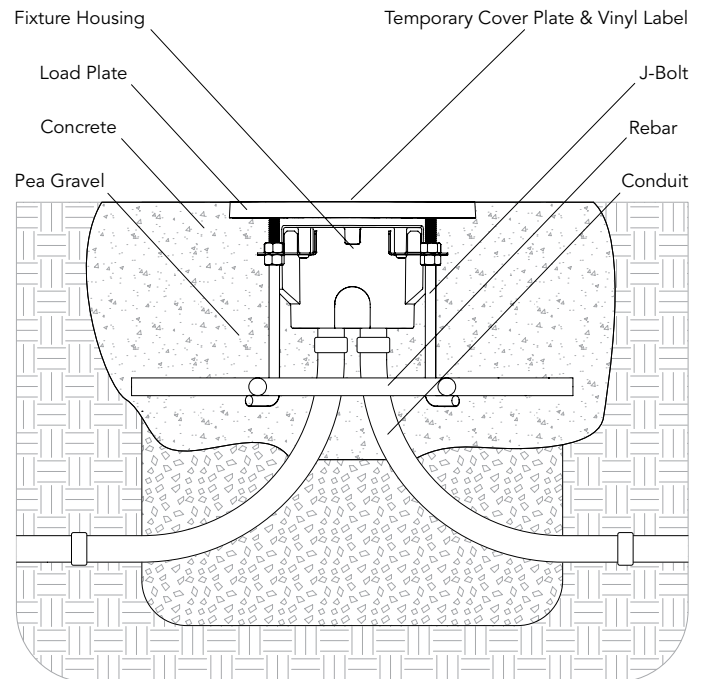
FOR USE WITH CABLE TERMINATING WITHIN THE RIS HOUSING

IMPORTANT NOTES:

- Temporary Cover plate and Vinyl Label must remain in place during Rough-In Section (RIS) installation.
- Confirm rough-in section orientation matches required light output direction prior to installation (see diagram on page 2).

PRECAUTION: The J-Bolts affixed to the Load Plate must be secured to a suitable rebar grid (by others). The top of the Vinyl Label, Load Plate, and Temporary Cover Plate must be FLUSH with finished grade.

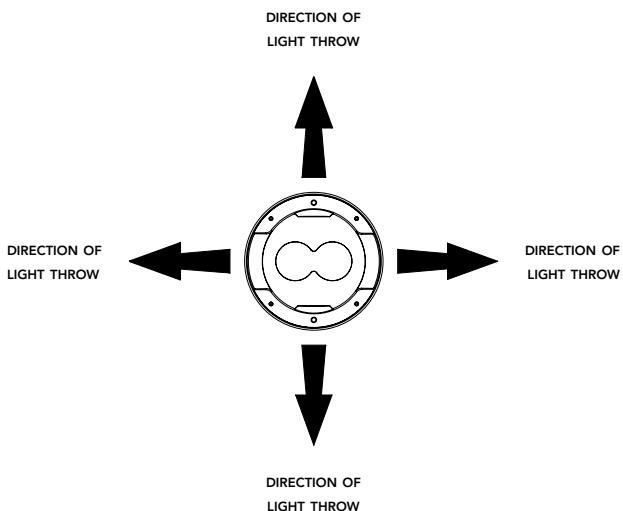
1. To prevent electrical shock, turn main power off at circuit breaker.
2. Dig hole approximately 12" wide to a depth suitable to make top of Temporary Cover Plate $\frac{3}{8}$ " above grade. Pea gravel is required for seating the Rough-In Section Housing and providing necessary drainage.
3. Connect conduit to housing. It is recommended to use UL listed outdoor rated flexible conduit for in and out connections to ensure water tightness of splices.
4. Plug any unused NPT holes with closure plugs (provided).
5. Position fixture within the hole and back fill with pea gravel or suitable base material. The uppermost layer, 6" minimum, should be left for poured concrete.
6. To keep fixture housing from floating during the concrete pour, the J-Bolts affixed to Load Plate should be secured to the rebar grid (by others) using standard masonry methods.
7. To pull supply conductor wiring, first remove and retain the Vinyl Label and Temporary Cover Plate. Retain the Temporary Cover Plate screws.
8. Pull electrical supply wires (line in) through conduit opening. Stuff the wire loop back through the conduit opening (line out).
9. Using the cover screws, reinstall the Temporary Cover Plate and Vinyl Label.
10. Cast the assembly in a minimum of 6" of concrete, making sure the Temporary Cover Plate and Vinyl Label are in place, and making sure that concrete flows completely under the Load Plate to provide proper load bearing properties.
Trowel concrete so it is even with the top of the Load Plate and Vinyl Label.
11. Allow the concrete to fully cure before proceeding with the installation of the COB Lamp Module.





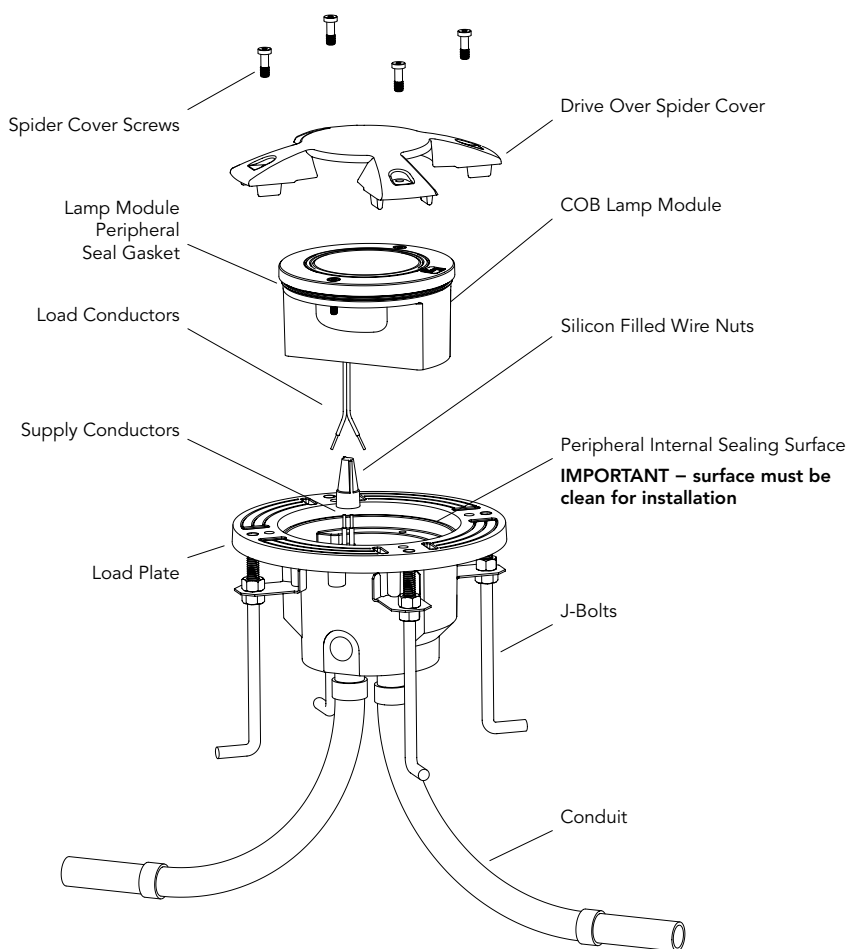
ROUGH-IN SECTION ORIENTATION

SEE DIAGRAM FOR ORIENTATION OF ROUGH-IN SECTION IN RELATION TO LIGHT OUTPUT



COB LAMP MODULE / SPIDER COVER INSTALLATION

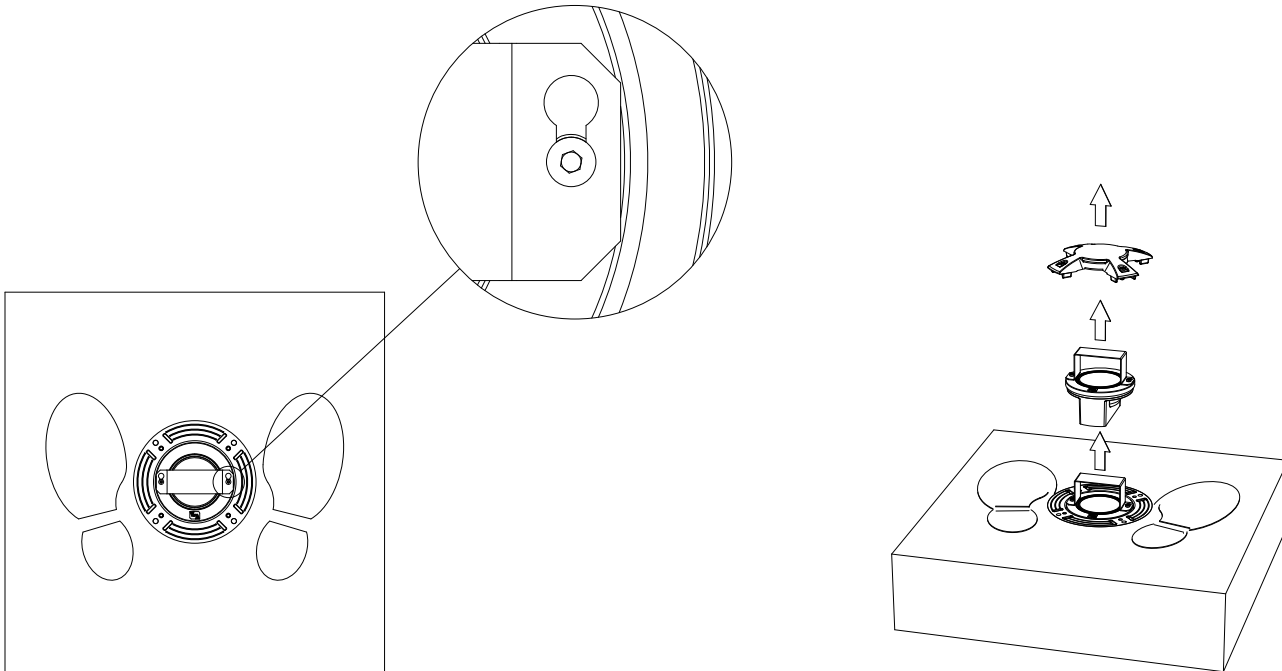
1. To prevent electrical shock, turn main power off at circuit breaker.
2. Remove Vinyl Label and Temporary Cover Plate. Recycle or discard Cover Plate.
3. Luminaire is provided with 36" of 18-2 pigtail cable. Cut the cable to a length between 6"-9".
4. Strip (2) leads from the cut luminaire pigtail wire. Using two (2) silicone filled connectors (provided), connect leads from luminaire to electrical supply wire leads.
5. Ensure that the peripheral sealing surface of the Rough-In Section housing is clean & free of debris. Wipe clean with a moist cloth or towel if necessary.
6. Fully insert the COB Lamp Module into the Rough-In Section, taking care not to pinch any supply conductors or dislodging the Lamp Module Peripheral Seal Gasket.
7. Tighten the two captive module screws fully. **DO NOT OVERTIGHTEN.**
8. Mount the Drive Over Spider Cover onto the Load Plate, interlocking the eight tabs on the Spider Cover into the Load Plate. Fully tighten the four Spider Cover Screws. When half shield is used, ensure that the light is emitted in the desired direction.
9. Supply power to the luminaire and check for proper operation





INSTRUCTIONS TO REMOVE LAMP MODULE

1. Loosen the screws and remove the drive over spider cover.
2. Completely loosen and lift up on the 2 screw heads of the lamp module.
3. Pass the 2 screw heads through the holes in the lamp module puller and hook the screw heads into the narrow slots of the puller.
4. To remove the lamp module, position your feet on both sides of the fixture and firmly lift straight up (Do not turn).



1180 LAMP MODULE PULLER

Retain for future use to remove lamp module from fixture housing.

