



INSTALLATION INSTRUCTIONS

1182-12V

LOW VOLTAGE IN-GRADE

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

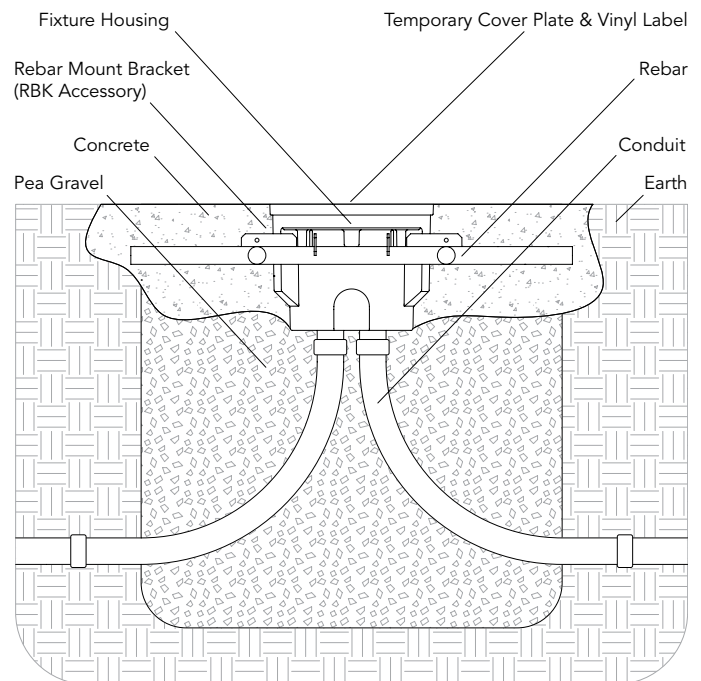
IMPORTANT NOTE:

- Temporary Cover plate and Vinyl Label must remain in place during Rough-In Section (RIS) installation.

PRECAUTION: Adequate drainage must be provided during installation. It is recommended the luminaire be surrounded by 3" to 4" of pea gravel along the sides and minimum of 6" of pea gravel at the bottom and beneath the luminaire housing. Top of the luminaire must be FLUSH with finished grade.

1. To prevent electrical shock, turn main power off at circuit breaker.
2. Dig a hole approximately 12" in diameter to a depth suitable to make top of temporary cover plate FLUSH with finished grade. Pea gravel is required for seating the luminaire 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.

- IMPORTANT NOTE:** If conduit, of the rigid metallic type, is connected to the enclosure housing, the hub (by others) shall be connected to the conduit before the hub is connected to the enclosure housing.
4. Plug and unused NPT holes with closure plugs (provided).
 5. Position fixture within the hole and back fill with pea gravel. The uppermost layer, 6" minimum, should be left for poured concrete.
 6. To keep housing from floating during the concrete pour, the Rebar Mount Bracket (RMB) accessory should be used to affix the housing to wire/rebar grid using standard masonry methods.
 7. To pull supply conductor wiring, first remove and retain the Temporary Cover Plate and Plate Screws by piercing through the label at the screw locations to access the screws.
 8. Pull electrical supply wires (line in) through conduit opening. Stuff the wire loop back through the conduit opening (line out).
 9. Reinstall the Temporary Cover Plate and Vinyl Label using the cover screws.
 10. Pour the concrete at least 3" thick. Trowel concrete so it is even with the vinyl label. Allow concrete to cure.



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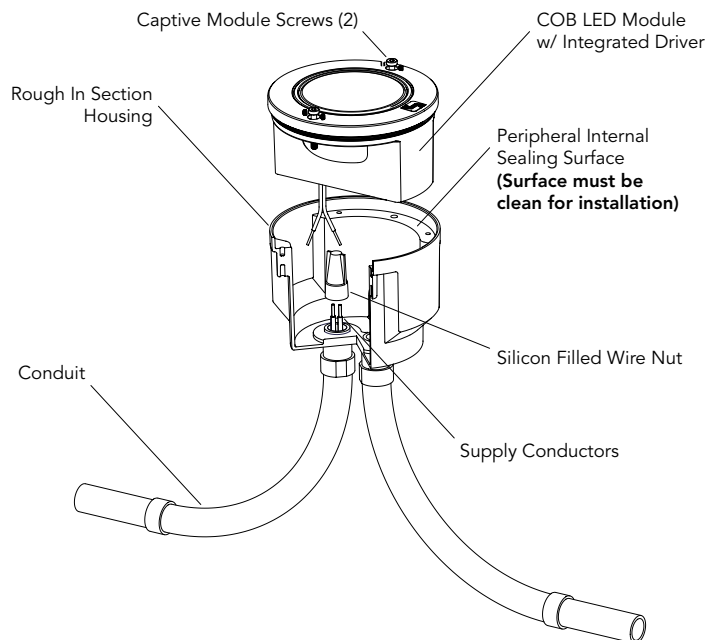
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COB LAMP MODULE INSTALLATION | CONDUIT

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 internal sealing surface of the Rough-In-Section housing is clean & free of debris. Wipe clean with a moist cloth or towel if necessary.
6. Orient the Marker COB Module for proper light output (when half shield used, light is emitted from the logo side of the optic housing).
7. 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.
8. Tighten the two captive module screws fully. **DO NOT OVERTIGHTEN.**
9. Supply power to the luminaire and check for proper operation





COB LAMP MODULE INSTALLATION | IN-GRADE SOIL

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. The luminaire is provided with 36" of 18-2 pigtail wire. Rout the wire inside the Rough-In-Section and through the Cord Seal opening at the inside bottom of the Rough-In-Section.
4. Ensure that the peripheral internal sealing surface of the Rough-In Section housing is clean & free of debris. Wipe clean with a moist cloth or towel if necessary.
5. Orient the Marker COB Module for proper light output (when half shield used, light is emitted from the logo side of the optic housing).
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. Fully tighten the cord seal nut around the pigtail wire at the underside of the Rough-In-Section.

IN-GRADE SOIL INSTALLATION

FOR USE WITH DIRECT BURIAL CABLE TERMINATING OUTSIDE THE RIS HOUSING

IMPORTANT NOTE:

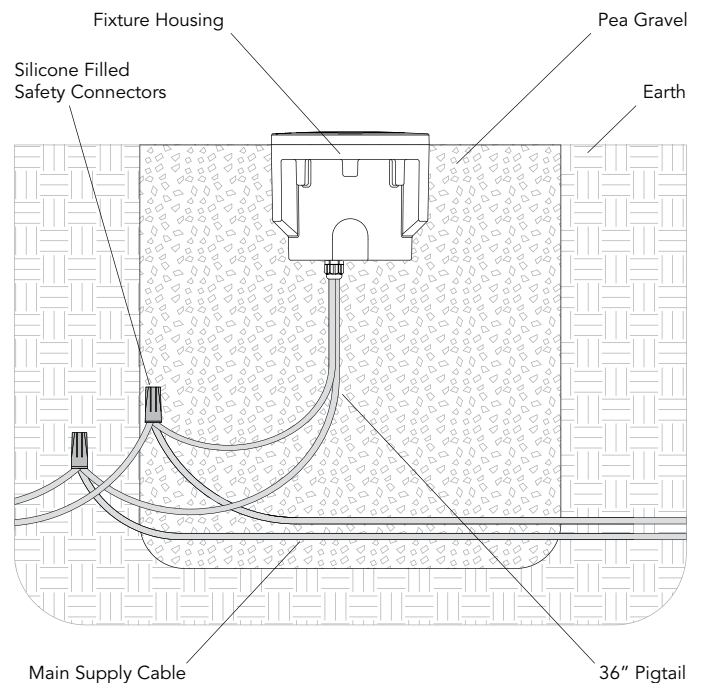
- Lamp module must be installed in Rough-In-Section (RIS) prior to direct burial (see instructions above).

PRECAUTION: Adequate drainage must be provided during installation. It is recommended the luminaire be surrounded by 3" to 4" of pea gravel along the sides and minimum of 6" of pea gravel at the bottom and beneath the luminaire housing. Top of the luminaire must be above grade so rain and irrigation water will not accumulate for long periods of time.

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 $\frac{3}{4}$ " above grade. Pea gravel is required for seating the luminaire housing and providing necessary drainage.
3. Strip (2) leads from luminaire pigtail wire. Using two (2) silicone filled safety connectors (provided), connect leads from luminaire to electrical supply wire leads.

NOTE: Luminaire is supplied with 36" of 18-2 cable pigtail for secure connection to electrical supply cable. Wire is to be protected by routing in close proximity to luminaire. Wiring shall be buried a maximum of 6 inches (15.2 cm) in order to connect to electrical supply wire.

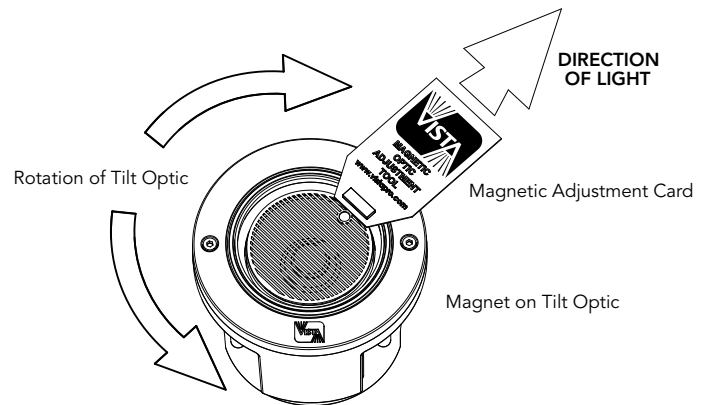
4. Position fixture within the hole and back fill with pea gravel. Only the uppermost layer, 3" maximum, should be soil or organic mulch.
5. Provide power to luminaire and check for proper operation.





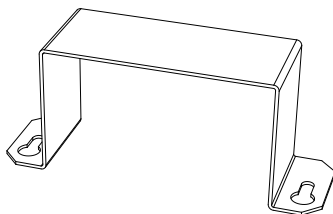
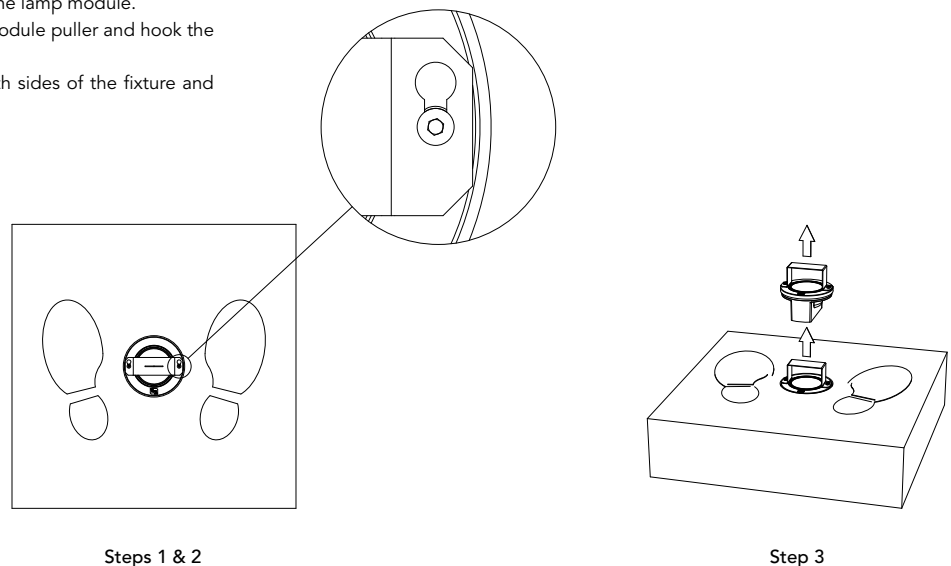
MAGNETIC AIMING INSTRUCTIONS

1. Install the fixture per installation instructions provided.
2. With the fixture on, place the tip of the adjusting magnetic card (supplied when a tilt optic option is ordered) against the glass lens over the circular indicating mark.
3. Rotate the adjustment card to the desired aiming position. The tilt optic will rotate within the fixture as long as the magnet on the adjustment card is against the glass lens.
4. Once aimed correctly, remove the adjusting magnetic card.



INSTRUCTIONS TO REMOVE LAMP MODULE

1. Completely loosen and lift up on the 2 screw heads of the lamp module.
2. 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.
3. To remove the lamp module, position your feet on both sides of the fixture and firmly lift straight up (Do not turn).



1182 LAMP MODULE PULLER

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

