

## INSTALLATION INSTRUCTIONS

**WARNING:** Luminaire must be installed and grounded in accordance with the National Electrical Code (NEC) and local codes. For portable stake or surface mount using a cord and plug, the luminaire must be plugged into a receptacle protected by a ground fault circuit interrupter (GFI). Failure to do so may result in serious injury and/or damage to the luminaire.

**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. A regular schedule maintenance program is recommended.

**SAFETY WARNING:** Luminaire can become very hot depending on the lamp wattage used. Lens and housing around the lamp can become hot enough to blister hands. Particular care should be taken not to locate luminaires where small children can reach them if high wattage lamps are used.

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

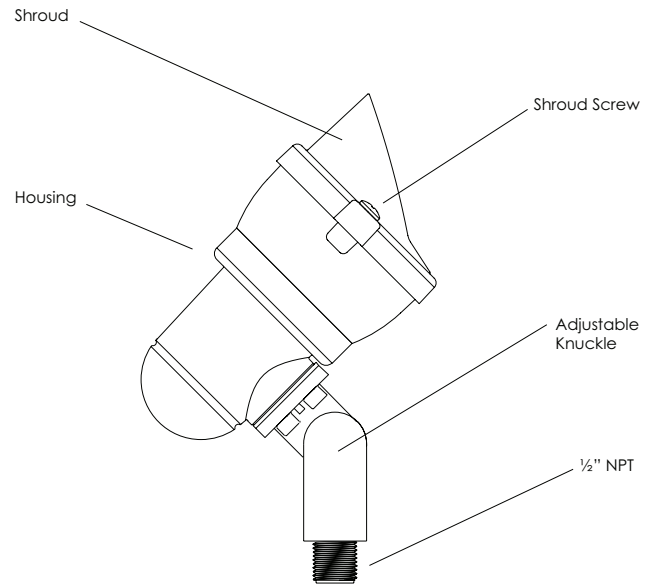
**NOTE:** Save these instructions for future reference.

**LUMINAIRE IS UL LISTED FOR ABOVE GRADE INSTALLATION ONLY.**



### LUMINAIRE MOUNTING:

1. Make sure electrical supply is off at circuit breaker before starting luminaire installation or servicing luminaire.
2. Thread luminaire onto junction box or other mounting device until it is at desired direction using thread sealant. Tighten jam nut (provided) to ensure the luminaire is locked to adjusted position.
3. Attach luminaire leads to line in leads observing polarity, black to black, white to white and green to ground using silicone filled safety connectors (provided).
4. Attach junction box cover with luminaire to junction box (by others). Make sure not to pinch wires that may be sandwiched between cover and box.
5. Coat exposed luminaire threads with thread sealant to keep moisture from entering junction box or other mounting device.
6. To adjust luminaire aiming angle, loosen adjustable knuckle screw. Do not disengage totally. Hold luminaire at selected angle and tighten knuckle screw firmly.
7. Install lamp.
8. Coat all exposed screws with silicone grease.
9. Supply power to the luminaire and check for proper operation.



### IMPORTANT SAFETY INSTRUCTIONS - THE LIGHTED LAMP IS HOT!

**WARNING: TO REDUCE THE RISK OF FIRE, OR INJURY TO PERSONS:**

1. Turn off/unplug and allow to cool before replacing lamp.
2. Lamps get hot quickly! Contact only switch/plug when turning on.
3. Do not touch hot lens, guard or enclosure.

4. Keep lamp away from material that may burn.
5. Do not touch the lamp at any time. Use a soft cloth. Oil from the skin may damage lamp.
6. Do not operate luminaire fitting with a missing or damaged cover.

**SAVE THESE INSTRUCTIONS**

*(Leave with property owner/manager)*

### LAMP INSTALLATION/REPLACEMENT:

**CAUTION:** Do not exceed maximum wattage marked on luminaire label.

1. To prevent electrical shock, disconnect from electrical supply before service.
2. Loosen screw from shroud.
3. Remove shroud and gasket to expose lamp.
4. Replace lamp with correct wattage and type marked on fixture label.
5. **NOTE: DO NOT touch lamp with bare hands. Always use soft cloth or the plastic wrapping (if available) to handle the lamp.**
6. Re-install shroud and gasket and tighten shroud screws.

Lamp Information		
Model	Lamp Type	Max Watts
1091	R20 or PAR20 Incandescent or HID	50

## INSTALLATION INSTRUCTIONS

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

**WARNING:** Luminaires must be installed 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 luminaire.

**SAFETY WARNING:** Luminaire can become very hot depending on lamp wattage used. Lens and metal around lamp can become hot enough to blister hands. Particular care should be taken not to locate luminaires where small children can reach them if high wattage lamps are used.

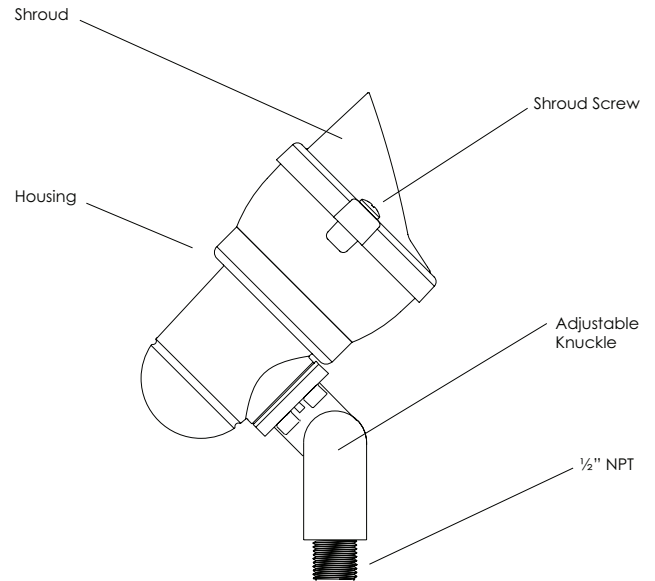
**LUMINAIRES ARE NOT TO BE INSTALLED WITHIN 10 FT (3.05M) OF A POOL OR SPA. SECONDARY CABLE IS NOT TO BE BURIED MORE THAN 6". WHEN USING MULTIPLE LUMINAIRES, LOAD IS NOT TO EXCEED TOTAL WATTS OF TRANSFORMER RATING. DO NOT USE EXTENSION CORDS ON POWER UNITS.**

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

**NOTE:** Save these instructions for future reference; leave with property owner/manager.

### LUMINAIRE MOUNTING:

1. Make sure electrical supply is off at circuit breaker before starting luminaire installation or servicing luminaire.
2. Thread luminaire onto junction box or other mounting device until it is at desired direction using thread sealant. Tighten jam nut (provided) to ensure the luminaire is locked to adjusted position.
3. Attach luminaire leads to line in leads observing polarity, black to black, white to white and green to ground using silicone filled safety connectors (provided).
4. Attach junction box cover with luminaire to junction box (by others). Make sure not to pinch wires that may be sandwiched between cover and box.
5. Coat exposed luminaire threads with thread sealant to keep moisture from entering junction box or other mounting device.
6. To adjust luminaire aiming angle, loosen adjustable knuckle screw. Do not disengage totally. Hold luminaire at selected angle and tighten knuckle screw firmly.
7. Install lamp.
8. Coat all exposed screws with silicone grease.
9. Supply power to the luminaire and check for proper operation.

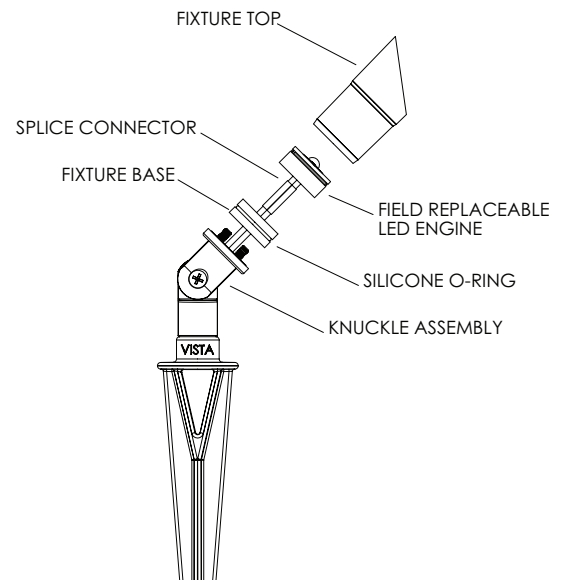


**The operating voltage range for this LED luminaire is 6 - 15 volt AC.** The Vista electronic driver ensures the LED operates at the intended lumen output while receiving voltage as low as 6 volts, and as high as 15 VAC, resulting in a balanced lumen output from the first fixture to the last. Eliminating the dimness issues often attributed to voltage drop.

**Note: Operating voltage range for LED luminaires will vary depending on model, style and total number of LEDs. To help determine the operating voltage range for each Vista luminaire, always consult factory's specification sheet and/or installation instructions before installation.**

### LED ENGINE INSTALLATION/REPLACEMENT:

1. To prevent electrical shock, disconnect transformer from electrical supply before service.
2. Remove luminary pigtail from main supply cable.
3. Remove fixture top from base.
4. Gently pull wire to remove LED engine from fixture top.
5. Loosen knuckle assembly to allow engine and pigtail assembly to be removed from fixture.
6. Thread replacement LED engine into knuckle.
7. Re-assemble knuckle and aim to desire position.
8. Re-install engine to fixture top and fasten to base.
9. Re-connect pigtail to main supply cable.



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