



**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 THE 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.

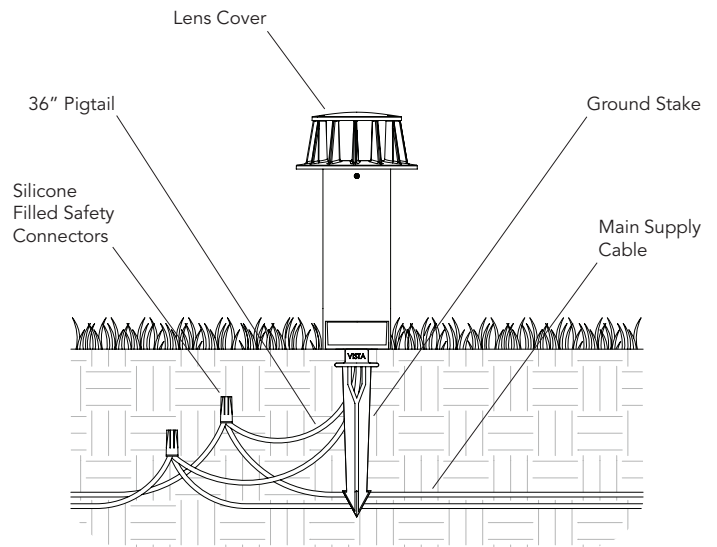
## LUMINAIRE MOUNTING

**NOTE:** Your Vista 12 volt Bollard is provided with a ground stake to facilitate an in-grade installation. However, for a permanent and secure installation a concrete footing support for bollard post is recommended.

1. To prevent electrical shock, disconnect transformer from electrical supply before installation or service.
2. Dig a hole approximately 3" diameter by 2" deep at selected location.
3. Using ½" threaded nipple (provided), attach ground stake to center hole in bollard base and run wire pigtail down through hole.
4. Insert stake with base into ground until bottom of base is even with grade.
5. Strip two leads from luminaire pigtail. Using two silicone filled safety connectors (provided), connect leads from luminaire to main supply cable leads.

**NOTE:** Luminaires are supplied with 36" of 18-2 cable pigtail for secure connection to main supply cable. Wire is to be protected by routing in close proximity to luminaire. Wiring should be buried a maximum depth of 12 inches in order to connect to main supply cable.

6. Provide power to luminaire and check for proper operation.



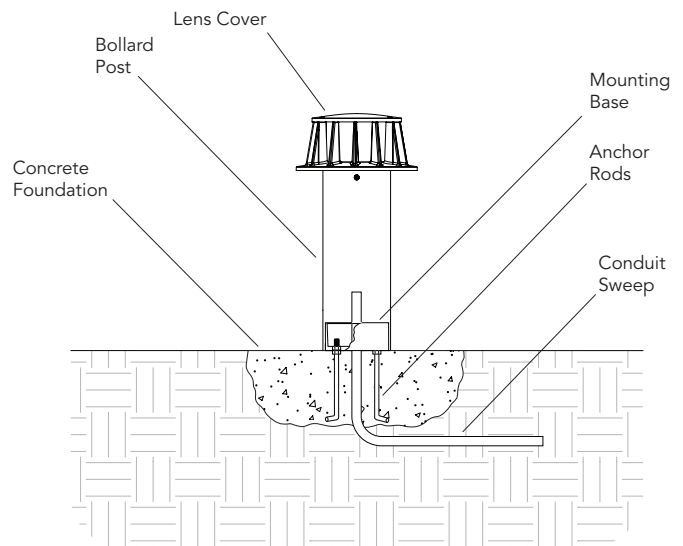
## CONCRETE POUR INSTALLATION

**NOTE:** Concrete pour installation requires conduit sleeve as to allow 36" pigtail to exit through concrete footing.

1. To prevent electrical shock, disconnect transformer from electrical supply before installation or service.
2. Dig a hole approximately 12" diameter by 6" deep at selected location.
3. Install foundation anchors (by other) and conduit sweep (by other) to base.
4. Using standard masonry procedures, support bollard base making sure the foundation anchor nuts remain above concrete grade.
5. Pour concrete making sure exited end of conduit sleeve reaches outside concrete.
6. Once concrete cures, run wire pigtail through bottom sleeve.
7. Strip two leads from luminaire pigtail. Using two silicone filled safety connectors (provided), connect leads from luminaire to main supply cable leads (coil excess pigtail wire inside base).

**NOTE:** Luminaires are supplied with 36" of 18-2 cable pigtail for secure connection to main supply cable. Wire is to be protected by routing in close proximity to luminaire. Wiring should be buried a maximum depth of 12 inches in order to connect to main supply cable.

8. Slip bollard post over base and tighten set screws in bollard.
9. Provide power to luminaire and check for proper operation.





The operating voltage range for this LED luminaire is 9 - 15 volt AC. The Vista electronic driver ensures the LED operates at the intended lumen output while receiving voltage as low as 10.5 volts, and as high as 15 VAC, the U.L. allowed maximum, 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 LAMP INSTALLATION / REPLACEMENT

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

1. To prevent electrical shock, disconnect transformer from electrical supply before installation or service.
2. Remove screws securing fixture cover.
3. Pull fixture cover off to expose LED lamp.
4. Replace lamp with correct wattage and type marked on fixture label.
5. Re-install fixture cover.

**NOTE:** LED lamps must be protected from moisture and dust at all times. Always re-install lens and cover securely after servicing.

