



## 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.

**WARNING:** Debris must be kept clear from top and interior of ingrade fixtures. Excessive heat could occur that may create a fire hazard and/or harm the fixture components. Specific attention must be made to never install ingrade fixtures in mulch, wood chips or other potentially ignitable materials. For installation in potentially ignitable materials, such as mulch and wood chips, installer must use an above-grade mounted fixture. **FAILURE TO DO SO WILL VOID THE WARRANTY AND MAY RESULT IN SERIOUS INJURY AND/OR DAMAGE TO 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:** Always use UL recognized wire connectors for connections.

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

### LUMINAIRE MOUNTING:

**PRECAUTION:** Luminaire is not submersible and adequate drainage must be provided during installation. It is recommended that the luminaire be surrounded by 3" to 4" of pea gravel or sand to assure proper drainage. Top of luminaire must be above grade so rain and irrigation water can not accumulate for long periods of time.

1. To prevent electrical shock, disconnect transformer from electrical supply before installation or service.
2. With a screwdriver, loosen terminal screws located on the back of the PAR-36 lamp.
3. Connect lamp holder leads (blue spade connector) to lamp terminals and tighten screws.
4. Coat screws with silicone grease.
5. Install lamp into black silicone rubber lamp holder.
6. Dig hole approximately 11" diameter by 11" deep. This allows approximately 3" of pea gravel or sand to surround the ABS sleeve.

**NOTE:** ABS sleeve is reversible. Straight cut end allows flush ground mounting. Angle cut end requires the top three (3) inches to be installed above ground for vertical aiming. See fig. 2

7. Place luminaire with support bracket inside ABS sleeve and adjust angle with adjusting screw on side of support bracket. Push luminaire and support bracket down to desired level.

8. Run wire pigtail through bottom of ABS sleeve and strip the two (2) leads from the luminaire wire. Using the two (2) silicone filled safety connectors (provided), connect the leads from the luminaire to the main supply cable leads.

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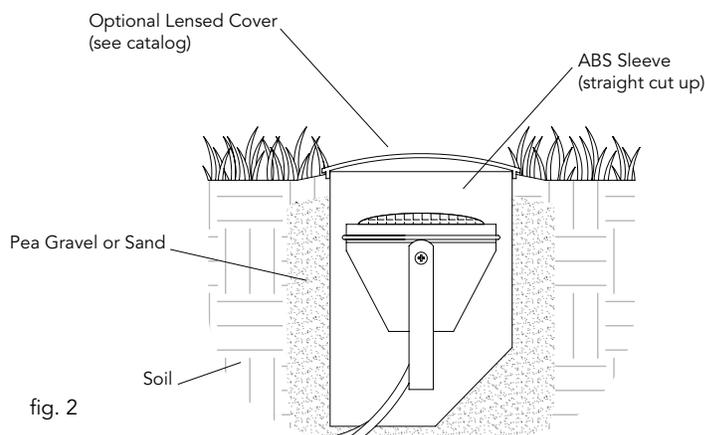
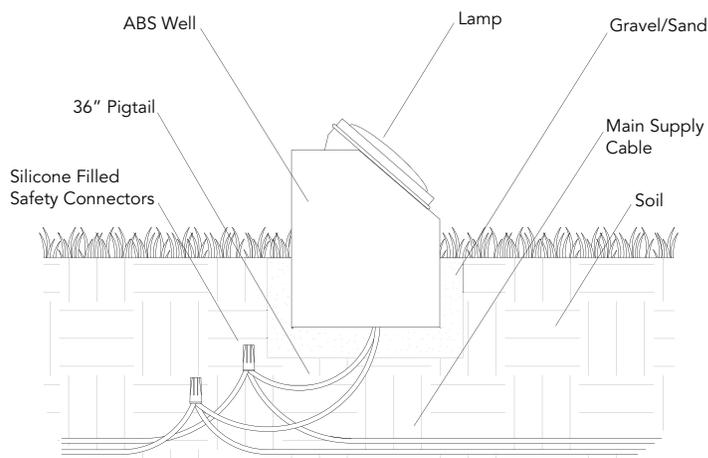


fig. 2



## INSTALLATION INSTRUCTIONS

**NOTE:** Luminaires are supplied with 36" of 18-2 cable pigtail for secure connection to the main supply cable. The wire is to be protected by routing in close proximity to the luminaire. The wiring should be buried a maximum depth of 6 inches (15.2 cm) in order to connect to the main supply cable.

**NOTE:** There are two knockouts on the bottom of the rubber lamp holder which should be removed to provide proper ventilation for lamp and for drainage of any water which may seep in. Removing knockouts and providing proper ventilation will prolong the life of the lamp.

9. Backfill hole after installation with pea gravel or sand.
10. Provide 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.

**SAVE THESE INSTRUCTIONS**

### LAMP INSTALLATION/REPLACEMENT:

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

1. To prevent electrical shock, disconnect transformer from electrical supply before service.
2. Loosen terminal screws located on the back of the PAR-36 lamp.
3. Connect lamp holder leads (blue spade connector) to lamp terminals and tighten screws.
4. Coat screws with silicone grease.
5. Install lamp into black silicone rubber lamp holder.

**NOTE:** Halogen lamps must be protected from moisture and dust at all times.

