

**NOTE: To prevent electrical shock, disconnect transformer from electrical supply before installation or service.**

**NOTE: PVC Sleeve should be installed prior to turf installation.**

**1.** Run low voltage cable to location where putting cups will be installed. Leave extra 12" of cable at each fixture location for easy removal of fixture to replace lamp when needed.

**2.** Dig or form hole in putting green approximately 12" deep by 6" wide. Fill bottom of hole with 2 to 4" of pea gravel for drainage.

**3.** Insert supplied PVC Sleeve into hole and back fill. Top of sleeve should be level with turf surface. Make sure 12" of low voltage cable is accessible inside the PVC Sleeve.

**4.** Attach 4" tall putting cup to Cup Bracket on top of fixture by sliding Cup Bracket into bottom of putting cup.

**NOTE: Bracket will need to be adjusted to top hole if using 6" cup.**

**5.** Connect 18/2 lead wire from fixture to main supply cable. We recommend using our FA-05 Quick Connector (sold separately) or UL approved direct burial gel filled wire connectors.

**6.** Insert putting cup and fixture into PVC Sleeve. Add or remove pea gravel if needed to keep putting cup at turf level. Turn on power supply to fixture and check for proper operation.

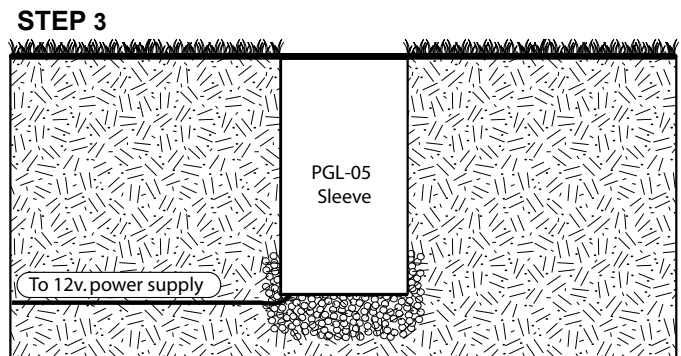
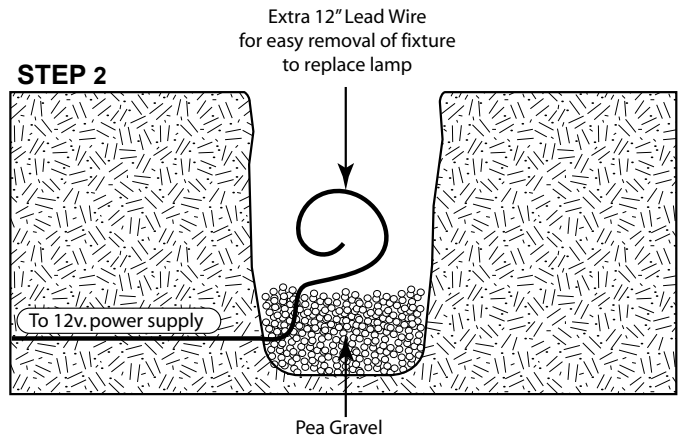
**LAMP INSTALLATION/REPLACEMENT**

1. Turn off power to fixture.
2. Pull out cup and fixture from PVC Sleeve
3. Pull putting cup off of Cup Bracket
4. Remove (4) #10-24 screws from lens cap with Phillips #2 screwdriver and remove lens cap, gasket and lens.
5. Pull MR16 Bi-Pin lamp away from socket to release. Check label inside fixture for correct lamp and wattage and insert new MR16 Bi-Pin lamp into socket.
6. Re-assemble lens, gasket and lens cap onto fixture making sure gasket seats properly to form water tight seal. Insert 4 screws and tighten in an alternating torque sequence to ensure proper water tight seal.

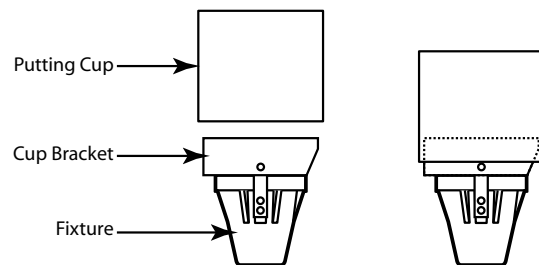
**CAUTION: Do not exceed maximum wattage marked on fixture label.**

**IMPORTANT SAFETY INSTRUCTIONS TO REDUCE THE RISK OF FIRE AND INJURY TO PERSONS:**

1. Lamp gets hot quickly; turn off, unplug/disconnect and allow to cool down before replacing the light bulb.
2. **DO NOT** touch hot lens, use guard or enclosure.
3. **DO NOT** look into lamp when on.
4. Keep lamp away from materials that may burn.
5. Use only with wattage/lamp marked on fixture warning and instructions.
6. Use the correct light bulb base with the correct socket.
7. **DO NOT** touch lamp at anytime. Use a lint-free cloth when handling the Halogen light bulbs as oil from skin may damage lamp and shorten lamp life.
8. **DO NOT** operate fixture with missing or damaged shield or lens.



**STEP 4**



**STEP 6**

