

**Model:**

(91002-147) Polaris 3' lead 12v

(91001-147) Polaris 12v

(91015-147) Polaris 24v

**Description: 12V / 24V Solid Brass Directional Spot Light**  
**Lamp options: 20 Watt MR-11 FTD/FG – 4,000 hr. Rating**  
**or**  
**20 Watt Astro-Brite – 10,000 hr. Rating**

**ASSEMBLY/INSTALLATION INSTRUCTIONS:**

**Please read carefully before installing. Save these instructions.**

It is recommended that when installing any low voltage fixture that you have (at a minimum) the following items: voltage meter, amp probe, wire nuts, and assorted hand tools.

1. Determine fixture location. Attach the provided stake onto the fixture by threading onto fixture until secure. Take care not to twist the wire. Place the stake in the ground and bury to the top of the neck. Be certain that the fixture is facing the correct direction.
2. Simply pull the 25' wire lead to your connection point (hub/junction box) and connect the two wires. Even though polarity is not an issue, it is recommended that you always match the polarity, that is to say put the lettering-to-lettering wires and the ribbed to ribbed wires together. (NOTE) While not necessary we do recommend that you attempt to conceal all additional wire, rather than cutting off the excess. This helps maintain flexibility and even voltage.
3. **IMPORTANT:** To get the maximum benefit of your fixture and to provide your customer with the ultimate state of the art lighting portrait we have made available the below described lenses. These are intended to allow you to provide the desired level of light. To attach any of the extra lenses, remove the fixture shroud by turning the shroud counter clockwise and pulling the shroud from the body. Remove the Hex louver and replace with the desired lens.
4. **LENS OPTIONS (\*MR-11 only):**
  - 1) CLEAR CONVEX LENS (Installed): Use for maximum light output
  - 2) \*HEX LOUVER: Use to reduce glare
  - 3) \*BLUE LENS
  - 4) \*DE-OP (FROSTED) LENS: Use to reduce lamp output and soften an object.
  - 5) \*AX-OP (LINEAR) SPREAD: Use to spread out light for broader coverage
  - 6) \*VI-OP (DIMPLED) LENS: Use to diffuse and reduce sty ration rings.

**IMPORTANT SAFETY & MAINTENANCE INSTRUCTIONS**

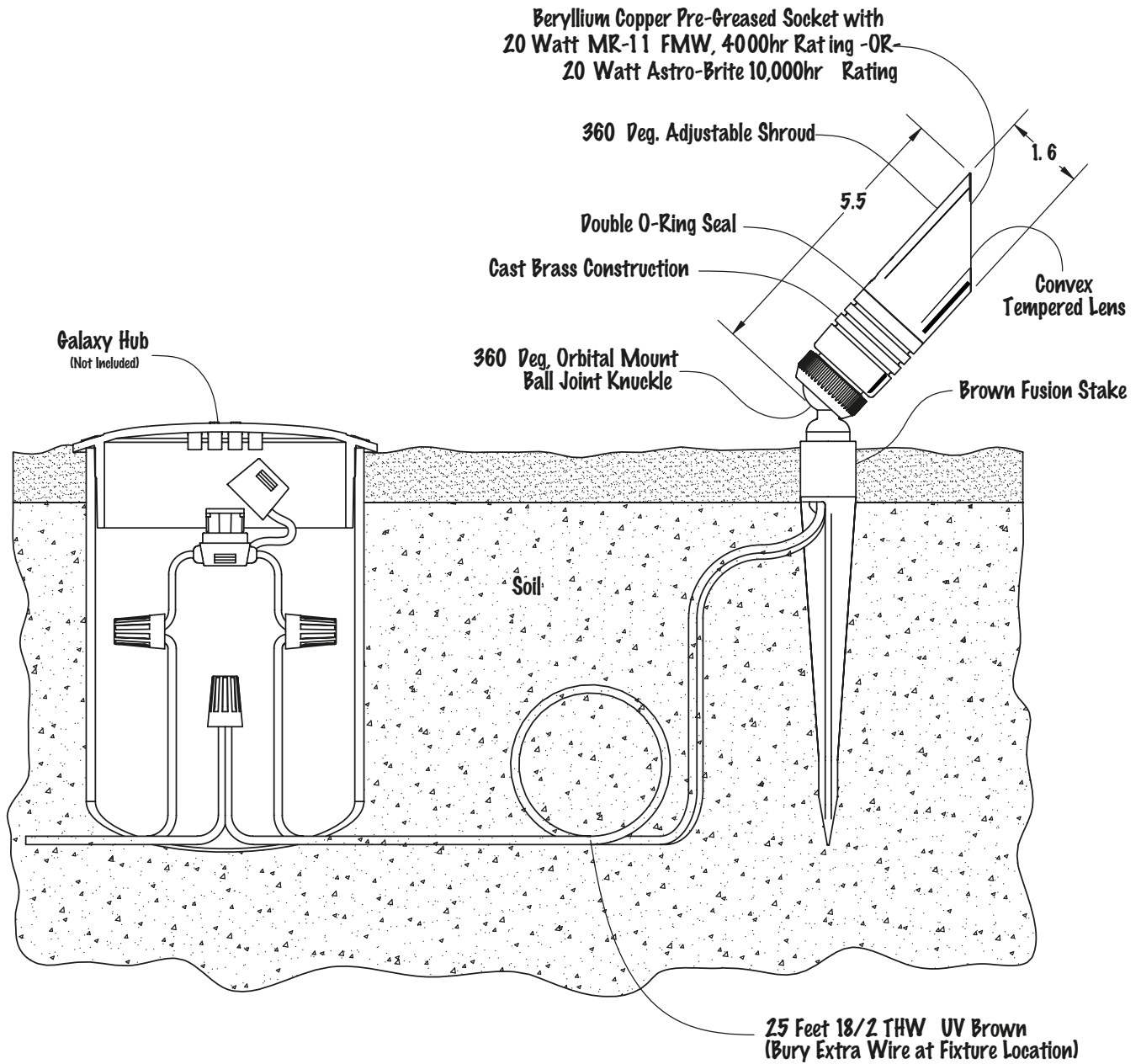
1. Lamp is hot when lit! Do not touch when lamp is on!
2. Allow fixture to cool before touching or re-lamping fixture!
3. Keep away from materials, structures or landscapes that may burn!
4. Do not operate fixture if cover shield is damaged or missing.
5. Do not submerge fixture in water.
6. Clean fixture with mild soap. Do not use acid or any other solvent base cleaner.

**CAUTION: DO NOT OVERLOAD CABLE or TRANSFORMER** and maintain polarity at all times. For 12 volt systems, keep each fixture between 10.8 and 12 operating volts. For 24 volt systems, keep each fixture between 21.6 and 24.0 operating volts. Consult with a qualified electrical contractor and local electrical codes before installing any electrical product.

# UNIQUE

## LIGHTSCAPING™

a brand of Sea Gull Lighting



- NOTES: -Lifetime Warranty  
 -Maximum Wattage: 20 Watts  
 -Included: Frosted, Linear, & Spread Lens, & Hex Louver  
 -Level of Light Application: 1, 2, & 3  
 -Weathered Brass

FIXTURE NAME

**POLARIS**

DESCRIPTION

**MINI BULLET LIGHT**

REV

SCALE: NONE

WEIGHT: 1.2 lbs

8/21/07