

## Installation Instructions

### INSTRUCTIONS PERTAINING TO A RISK OF FIRE, OR INJURY TO PERSONS.

#### IMPORTANT SAFETY INSTRUCTIONS. SAVE THESE INSTRUCTIONS.

(Failure to follow the warnings and instructions on this sheet could result in fire, injury, failure of product, and/or voiding of warranty.)

1. Do not touch luminaire while lamp is on. Turn off/unplug and allow to cool before replacing lamp.
2. Lamp gets HOT quickly! Contact only switch/plug when turning on.
3. Do not touch hot lens, body, cap or knuckle.
4. Keep lamp away from materials that may burn.
5. Do not touch lamp at any time. Use a soft cloth. Oil from your skin may damage lamp.
6. Do not operate with damaged or missing parts.
7. Do not disassemble beyond cap removal to facilitate lamp and/or accessory installation or replacement.
8. Remove any debris accumulated in the cap periodically.
9. Do not install within 10 feet of a pool, spa, or fountain.
10. Have installed in accordance with all applicable installation codes and standards by a person familiar with the construction, operation, and hazards involved.
11. Consult a qualified electrician to ensure correct branch circuit conductor.
12. Use only cable rated for low voltage. Cable buried more than 6" must be suitable for direct burial. Direct burial cable may be ordered from Vision3 Lighting.

#### Installation:

Install fixture by threading the knuckle into the mount hole of an appropriate mounting option. Use supplied Lock Nut to secure fixture to mount option. See mount option installation instructions for further installation procedures.

**Caution!** This fixture requires a remote transformer.

**Caution!** Fixture will be hot if lamp is on. Remove power and allow fixture to cool before performing any adjustments or maintenance.

#### Fixture Aiming:

1. Loosen the Vertical Adjustment Screw using a 5/32" hex tool – do not remove screw!
2. Grab fixture Body and push/pull to break grip of tapered knuckle lock.
3. Slightly tighten Vertical Adjustment Screw, using the 5/32" hex tool, so that fixture holds position when released, but still moves when adjusted.
4. Slightly loosen the Horizontal Adjustment Screw (Available on K2 knuckle option only), using the 5/32" hex tool - do not remove screw!
5. Slightly tighten the Horizontal Adjustment Screw (Available on K2 knuckle option only) so that the fixture can be rotated, but still holds position.
6. Adjust fixture to the desired angle. Do not force the fixture past the natural stops built in to the knuckle. Note: Rotate fixture fully in opposite direction if a stop is hit before reaching the desired position.
7. Tighten the adjustment screws using the 5/32" hex tool. Do not over tighten! Tapered knuckle lock requires very little tightening to ensure fixture is locked in position.
8. Adjust cap so that Drain Hole, if any, is oriented at the lowest point allowable.

#### Lamp Maintenance:

1. Remove power from fixture and let cool before touching. **Caution! Luminaire may still be hot!**
2. Loosen the Cap Set Screw using a 3/32" hex tool – **do not remove screw!**
3. Remove the Cap. Holding the Body and twisting the Cap while removing reduces the risk of damaging the O-Ring or bending the Stem.
4. Inspect O-Ring for damage. Replace if necessary.
5. Pull lamp straight out. **Caution! Lamp may still be hot! Be sure lamp has cooled before touching.**
6. Inspect socket for any damage.
7. Clean inside of fixture and Cap with a clean dry cloth.
8. Push new lamp straight in, being careful to align pins. Note: Replacement lamp must not exceed ratings of the luminaire. Read the label inside of the luminaire body for appropriate lamp type and ratings.
9. Install Cap on fixture by pushing and twisting slowly. If O-Ring is excessively dry, use a small amount of Krytox lubricant.
10. Tighten Cap Set Screw with the 3/32" hex tool so that is just bottoms out. **Do not over tighten the Cap Set Screw!** This may cause the fixture to not seal properly.

#### Accessory Maintenance:

1. Remove cap as explained in Lamp Maintenance steps 1 thru 4 above.
2. Remove Accessory Clip from Cap.
3. Carefully remove Accessories from Cap, if any.
4. Inspect Cap, Accessories, and Clip for damage. Replace if necessary.
5. Clean Cap and Accessories with a clean, damp cotton cloth.
6. Carefully install new Accessories into Cap (Cap may hold up to 3 Accessories).
7. Compress Clip and push into Cap until it holds Accessories tightly in Cap.
8. Install cap as explained in Lamp Maintenance steps 9 & 10 above.

