

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. **Must be used with an approved Vision3 Lighting ballast (ballast wattage and type must match lamp wattage and type).**
11. Have installed in accordance with all applicable installation codes and standards by a person familiar with the construction, operation, and hazards involved.

Installation:

Note: When ordered with certain ballast mounts, the FL15 will come pre-installed and pre-wired on to the ballast, in which case, these installation steps may be skipped and the ballast mount instructions should be followed.

1. Install the FL15 fixture on to the canopy/cover of an appropriate mounting option or ballast, and use supplied lock nut to secure fixture. See mount option / ballast installation instructions for further installation procedures.
2. Wire fixture leads to ballast leads. **Note:** The leads from this fixture should be attached to the output of an approved Vision3 ballast only, using appropriate connectors (not supplied) per applicable codes.
T4 lamp - the 'Lamp Shell' lead from the ballast can be connected to either white input lead on the T4 FL15 fixture. The remaining lead from the ballast can be attached to the remaining white input lead on the T4 FL15 fixture. The green fixture lead should be connected to ground.
PAR20 lamp - the 'Lamp Post' lead from the ballast should be connected the blue input lead on the T4 FL15 fixture. The 'Lamp Shell' lead from the ballast should be connected to the white input lead on the T4 FL15 fixture. The green fixture lead should be connected to ground.
3. Mount the canopy/cover per the mount option / ballast installation instructions
Note: This fixture should not be mounted in such a way that it is buried or in direct contact with the ground or soil.

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 until the knuckle is locked and the fixture no longer moves. 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. See 'Lamp Maintenance' procedure below on how to loosen and tighten cap.

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.
4. Inspect O-ring for damage. Replace if necessary.

5. Remove lamp. **Caution! Lamp may still be hot! Be sure lamp has cooled before touching.**
T4 lamp - turn and unlock from the socket to remove.
PAR20 lamp - unthread lamp from socket and remove.
6. Inspect socket for any damage.
7. Clean inside of fixture and Cap with a clean dry cloth.
8. Install new lamp:
T4 lamp - insert the pins of the new lamp in to the socket and turn to lock.
PAR20 lamp - thread new lamp in to socket.
Note: Replacement lamp must not exceed ratings on the Label, and must match type and wattage of ballast.
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.

