

READ AND FOLLOW ALL SAFETY INSTRUCTIONS!
SAVE THESE INSTRUCTIONS AND DELIVER TO OWNER AFTER INSTALLATION

- To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards please read all warnings and instructions included with and on the fixture box and all fixture labels.
- Before installing, servicing, or performing routine maintenance upon this equipment, follow these general precautions.
- Installation and service of luminaires should be performed by a qualified licensed electrician.
- Maintenance of the luminaires should be performed by person(s) familiar with the luminaires' construction and operation and any hazards involved. Regular fixture maintenance programs are recommended.
- It will occasionally be necessary to clean the outside of the refractor/lens. Frequency of cleaning will depend on ambient dirt level and minimum light output which is acceptable to user. Refractor/lens should be washed in a solution of warm water and any mild, non-abrasive household detergent, rinsed with clean water and wiped dry. Should optical assembly become dirty on the inside, wipe refractor/lens and clean in above manner, replacing damaged gaskets as necessary.
- **DO NOT INSTALL DAMAGED PRODUCT!** This luminaire has been properly packed so that no parts should have been damaged during transit. Inspect to confirm. Any part damaged or broken during or after assembly should be replaced.
- **Recycle:** For information on how to recycle LED electronic products, please visit www.epa.gov.
- These instructions do not purport to cover all details or variations in equipment nor to provide every possible contingency to meet in connection with installation, operation, or maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's or owner's purposes, this matter should be referred to Acuity Brands Lighting, Inc.



WARNING
RISK OF ELECTRIC SHOCK

- ✓ Disconnect or turn off power before installation or servicing.
- ✓ Verify that supply voltage is correct by comparing it with the luminaire label information.
- ✓ Make all electrical and grounded connections in accordance with the National Electrical Code (NEC) and any applicable local code requirements.
- ✓ All wiring connections should be capped with UL approved recognized wire connectors.



WARNING
RISK OF BURN

- ✓ Allow lamp/fixture to cool before handling. Do not touch enclosure or light source.
- ✓ Do not exceed maximum wattage marked on luminaire label.
- ✓ Follow all manufacturer's warnings, recommendations and restrictions for: driver type, burning position, mounting locations/methods, replacement and recycling.



CAUTION
RISK OF INJURY

- ✓ Wear gloves and safety glasses at all times when removing luminaire from carton, installing, servicing or performing maintenance.
- ✓ Avoid direct eye exposure to the light source while it is on.



CAUTION
RISK OF FIRE

- ✓ Keep combustible and other materials that can burn, away from lamp/lens.
- ✓ Do not operate in close proximity to persons, combustible materials or substances affected by heat or drying.



CAUTION: RISK OF PRODUCT DAMAGE

- ✓ Never connect components under load.
- ✓ Do not mount or support these fixtures in a manner that can cut the outer jacket or damage wire insulation.
- ✓ Unless individual product specifications deem otherwise: Never connect an LED product directly to a dimmer packs, occupancy sensors, timing devices, or other related control devices. LED fixtures must be powered directly off a switched circuit.
- ✓ Unless individual product specifications deem otherwise: Do not restrict fixture ventilation. Allow for some volume of airspace around fixture. Avoid covering LED fixtures with insulation, foam, or other material that will prevent convection or conduction cooling.
- ✓ Unless individual product specifications deem otherwise: Do not exceed fixtures maximum ambient temperature.
- ✓ Only use fixture in its intended location.
- ✓ LED products are Polarity Sensitive. Ensure proper Polarity before installation.
- ✓ Electrostatic Discharge (ESD): ESD can damage LED fixtures. Personal grounding equipment must be worn during all installation or servicing of the unit.
- ✓ Do not touch individual electrical components as this can cause ESD, shorten lamp life, or alter performance.
- ✓ Some components inside the fixture may not be serviceable. In the unlikely event your unit may require service, stop using the unit immediately and contact an ABL representative for assistance.
- ✓ Always read the fixtures complete installation instructions prior to installation for any additional fixture specific warnings.

Please see product specific installation instructions for additional warnings or any applicable FCC or other regulatory statements.

Failure to follow any of these instructions could void product warranties. For a complete listing of product Terms and Conditions, please visit www.acuitybrands.com.

Our Brands	Indoor/Outdoor	Indoor Lighting	Outdoor Lighting	Controls	Daylighting
	Lithonia Lighting	Gotham	American Electric Lighting	DARK TO LIGHT	SunOptics
	Carandini	Mark Architectural Lighting	Antique Street Lamps	LC&D	
	Holophane	Peerless	Hydrel	ROAM	
	RELOC	Renaissance Lighting	Tersen	Sensor Switch	
	Light Concepts	Winona Lighting		Synergy	

Acuity Brands Lighting, Inc. assumes no responsibility for claims arising out of improper or careless installation or handling of its products.

ABL LED General Warnings, Form No. 503.203

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DELIVERY: Upon receipt of fixture and accessories (packed separately), thoroughly inspect for any freight damage. All damage should be reported to the delivery carrier. Compare the catalog description listed on the packing slip with the fixture label on the inside of the housing to be sure you have received the correct merchandise.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Tools Required: Straight blade screwdriver and 3/4" open-end wrench (for wall or wood pole: also need a drill with 5/8" bit).

POLE MOUNT (SPDxx/RPDxx) figure 1	WALL BRACKET (WBDxx) figure 2	WALL/WOOD POLE MOUNT (WWDxx) figure 3	UNIVERSAL ADAPTOR POLE MOUNT (PUMBAK) figure 4

1. Loosen the (2) two captive screws in the door assembly, allowing it to open and hang 90 degrees from the hinge pins. If desired, the door assembly can be removed by opening slightly and sliding the door to the right off the hinge pins. Use caution if opening door assembly with fixture positioned face up. Do not allow door to rotate open beyond 90 degrees.

2. Pole Mounting - (See figure 1) Remove the top cap from pole, if in place. Insert the mounting plate inside pole or tenon adaptor, aligning the (3) three mounting holes in plate with the (3) three mounting holes provided on the pole. Slide the two 1/2" threaded rods (provided) through the top and bottom mounting holes in the pole and start to thread the rods into the matching holes in the mounting plate (three clockwise turns are sufficient).

Wall or Wood Pole Mounting - Place mounting plate on mounting surface. For WB (see Figure 2), secure the mounting plate to the wall with four (4) (minimum) 1/2" to (maximum) 5/8" fasteners (by others). For WW (see Figure 3): mark first and fifth holes of plate; remove mounting plate and drill 5/8" hole at marked locations (minimum of 3/4" to accept fixture mounting rods); secure mounting plate to mounting surface (fasteners not provided) using second and fourth holes. Insert the two threaded fixture mounting rods into mounting plate and turn to secure.

⚠ CAUTION: APPLY A CONTINUOUS BEAD OF WEATHER - PROOF CAULKING BETWEEN MOUNTING PLATE AND WALL TO ENSURE WEATHER - TIGHT INTEGRITY OF ELECTRICAL COMPONENTS.

3. Place one of the gaskets (provided) over the threaded rods and against the pole or wall. Slide arm over rods using the bolt guides inside the arm. Make certain radius-side of arm mounts toward pole/wall. Place the one remaining gasket (provided) over the threaded rods and against the mounting arm.

4. Position the mounting-side of the housing at the end of the arm and feed fixture wires through arm, pole backing plate, and out pole top. Align the holes with the threaded rods (provided) and insert the threaded rods into the fixture. Install 1/2" lockwashers and hex nuts (provided) on the ends of the threaded rods that are inside the fixture and tighten (do not over tighten; over tightening will cause stripping voiding all warranties). Make sure fixture is mounted straight and square with pole.

5. Make certain all power is disconnected prior to making wiring connections. Make all necessary wiring connections OUTSIDE the fixture, observing voltage and polarity. DO NOT MAKE WIRING CONNECTIONS INSIDE THE FIXTURE. Ensure wires are not being pinched. Connect green ground wire from the fixture to field ground wire.

6. Reinstall LED light engine assembly by reversing step 1 above. Ensure hinge pins are centered in the hinges before closing door assembly. If resistance is met when closing door assembly, reopen door and center pins. Do not force door assembly closed.

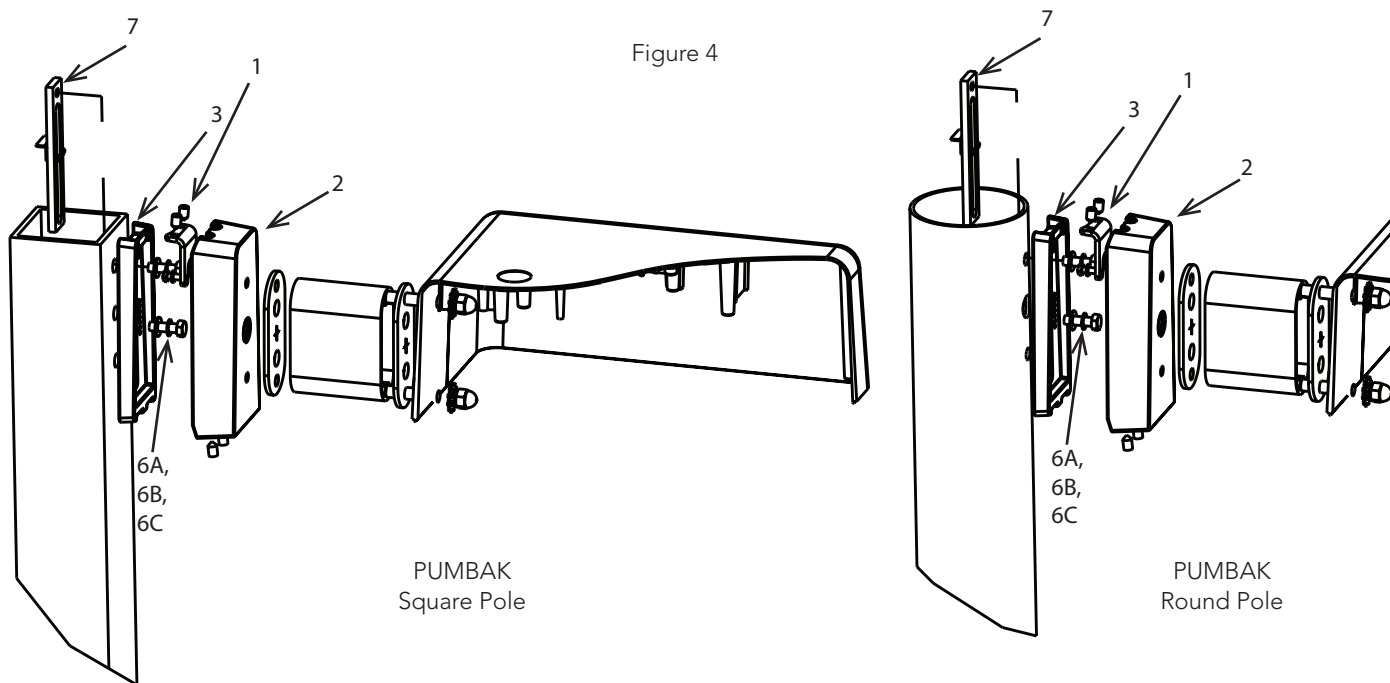
Installation Instructions

KAD LED

Universal Adaptor Pole Mounting (PUMBAK)- (See figure 4)

1. Loosen the 4- 3/8" diameter by 1-1/4" hex socket head screws (1) on the top and bottom of the universal adapter cover plate assembly. Remove the universal pole adapter(3).
2. Remove the universal pole backing assembly (7) from the universal pole adapter (3) by loosening and removing the both of the 1-1/4" bolt/washer assemblies (6A, 6B, 6C). Set aside for reinstallation.
3. Slide one bolt/washer assembly (6A, 6B, 6C) through the slot of the universal pole adapter (3) as shown in diagram above making sure the adjustable slide is accessible to slide it up or down in order to line up with the bottom hole of the current drilling of the pole.
4. Place the universal pole backing assembly (7) inside the pole aligning it with the drill pattern on the pole.
5. Place the universal pole adapter (3) with the first bolt/washer assembly (6A, 6B, 6C) combined (from step 3) on the outside of the pole (narrow portion of the adapter facing upwards). Thread the bolt/washer assembly through the top hole of pole and into the top threaded hole of the universal pole backing assembly (7).
6. Position the slide on the universal pole backing assembly (7) in alignment with the bottom hole in the pole.
7. Slide the second bolt assembly through the universal pole adapter's slot (3), through the bottom hole of pole and screw into the threaded hole of the slide on the universal pole backing assembly (7).
8. Check plumb and level of the universal pole adapter (3) and secure bolts tightly.
9. Place the cover plate assembly (2), narrow portion of the plate facing upwards, over the universal pole adapter (3).
10. Hand-tighten screws (1) on the top and bottom of the universal adapter cover plate assembly until adapter is secure to the pole. Do not use impact wrench or exceed 50 in-lbs.
11. Proceed to follow directions for fixture installation.

Figure 4



Troubleshooting: If this fixture fails to operate properly, check to make sure: • The fixture is wired correctly. • The fixture is grounded correctly. • The line voltage at the fixture is correct. If all these variables have been checked and the fixture still does not operate as specified, contact your local Lithonia Lighting distributor.

