

**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](http://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.

<div style="text-align: center; border: 1px solid black; padding: 5px; margin-bottom: 10px;">  <p><b>WARNING RISK OF ELECTRIC SHOCK</b></p> </div> <ul style="list-style-type: none"> <li>✓ Disconnect or turn off power before installation or servicing.</li> <li>✓ Verify that supply voltage is correct by comparing it with the luminaire label information.</li> <li>✓ Make all electrical and grounded connections in accordance with the National Electrical Code (NEC) and any applicable local code requirements.</li> <li>✓ All wiring connections should be capped with UL approved recognized wire connectors.</li> </ul>	<div style="text-align: center; border: 1px solid black; padding: 5px; margin-bottom: 10px;">  <p><b>WARNING RISK OF BURN</b></p> </div> <ul style="list-style-type: none"> <li>✓ Allow lamp/fixture to cool before handling. Do not touch enclosure or light source.</li> <li>✓ Do not exceed maximum wattage marked on luminaire label.</li> <li>✓ Follow all manufacturer's warnings, recommendations and restrictions for: driver type, burning position, mounting locations/methods, replacement and recycling.</li> </ul>
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<div style="text-align: center; border: 1px solid black; padding: 5px; margin-bottom: 10px;">  <p><b>CAUTION RISK OF INJURY</b></p> </div> <ul style="list-style-type: none"> <li>✓ Wear gloves and safety glasses at all times when removing luminaire from carton, installing, servicing or performing maintenance.</li> <li>✓ Avoid direct eye exposure to the light source while it is on.</li> </ul>	<div style="text-align: center; border: 1px solid black; padding: 5px; margin-bottom: 10px;">  <p><b>CAUTION RISK OF FIRE</b></p> </div> <ul style="list-style-type: none"> <li>✓ Keep combustible and other materials that can burn, away from lamp/lens.</li> <li>✓ Do not operate in close proximity to persons, combustible materials or substances affected by heat or drying.</li> </ul>
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**LED IMPORTANT SAFETY INSTRUCTIONS**



**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](http://www.acuitybrands.com).**

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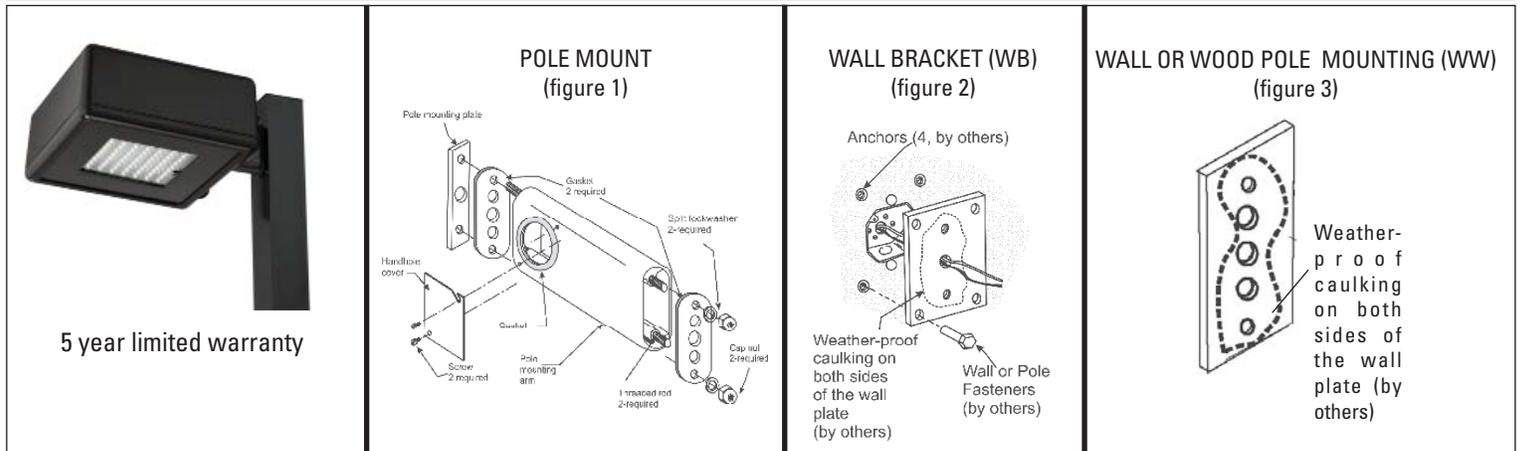
# Installation Instructions

## KAD LED

This device complies with Part 18 of the FCC Rules but may cause interference with cordless and cell phones, radios, televisions, and other electronic devices. To correct the problem move the device away from the luminaire or plug into a different outlet. This product may cause interference to radio equipment and should not be installed near maritime safety communications equipment or other critical navigation or communications equipment operating between 0.45-30MHz.

**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.

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



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 rotating it back and sliding the door to the right off the hinge pins.

2. Remove the (2) two 10-24 x 1/2" screws on the pole side of the component plate. Set aside for reinstallation.

3. Loosen the (2) two 10-24 x 1/2" screws on both sides (keyholes) of the LED light engine assembly. Slide the entire assembly forward to remove. This will give you access to mount the fixture. Disengage the supply quick disconnect.

4. 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.**

5. 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.
6. 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.
7. 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.
8. Reinstall LED light engine assembly by reversing steps 3-1 above.

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.

