





**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.

<div style="display: flex; align-items: center; margin-bottom: 10px;">  <div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>WARNING RISK OF ELECTRIC SHOCK</p> </div> </div> <ul style="list-style-type: none"> ✓ 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. 	<div style="display: flex; align-items: center; margin-bottom: 10px;">  <div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>WARNING RISK OF BURN</p> </div> </div> <ul style="list-style-type: none"> ✓ 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.
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<div style="display: flex; align-items: center; margin-bottom: 10px;">  <div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>CAUTION RISK OF INJURY</p> </div> </div> <ul style="list-style-type: none"> ✓ 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. 	<div style="display: flex; align-items: center; margin-bottom: 10px;">  <div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>CAUTION RISK OF FIRE</p> </div> </div> <ul style="list-style-type: none"> ✓ 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.
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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.
- ✓ Controls for dimming, auto-sensing, or remote control of a luminaire that are not factory-wired to the luminaire must be checked for compatibility with the luminaire prior to installation. 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.

Our Brands

<p>Indoor/Outdoor Lithonia Lighting Carandini Holophane RELOC Light Concepts</p>	<p>Indoor Lighting Gotham Mark Architectural Lighting Peerless Renaissance Lighting Winona Lighting</p>	<p>Outdoor Lighting American Electric Lighting Antique Street Lamps Hydrel Tersen</p>	<p>Controls DARK TO LIGHT LC&D ROAM Sensor Switch Synergy</p>	<p>Daylighting SunOptics</p>
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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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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: Socket wrenches: 1/4", 9/16", 3/8"; Allen wrench: 3/16"

1. Remove two captive screws to access the pole mounting area.
2. Two bar stock mounting bars are included in the installation kit.

Figure 1



- a) One has 3 holes in it, two of which are threaded.

- b) The second has 1 top hole and a slot with a sliding threaded hole to be used on poles with existing drill patterns.

Figure 2a



Figure 2b



Figure 2c



3. Hold the first bar (2a) with 3 holes up to the mounting holes on the pole and if they align use that bar. If it is another hole pattern use the bar (2b) with the sliding thread.

Insert one 3/8 mounting bolt through the top hole of the pole. Thread this bolt into the flat bar (2a) stock top hole. If the pole has a different hole pattern, use the bar (2b) with the slide on it. For a round pole, the round pole adapter (RPA) is required which is placed between the pole and the fixture as shown (2c).

The luminaire is supplied with a variety of slots to align with existing pole mounting drill patterns. The top hole of the luminaire is a key hole slot.

Take the luminaire and hang it from the top bolt. Do not tighten yet.

Figure 3



Installation Instructions

KAX LED

4. Insert the wires through the hole of the key hole slot and pull them into the pole.

The luminaire is supplied with a clearance slot in the back to allow wires to be pulled into the pole on existing hole patterns.



Figure 4

5. Thread the second bolt into the bottom threaded hole of the bar stock plate.

Making sure that no wire are pinched, tighten the two bolts with a 9/16 socket with to 20-30 ft-lbs (overtightening can damage components and void warranties).

Make sure that wires are not pinched and tuck excess wire up into the luminaire mounting area.

Reinstall the mounting door that was removed, hand tighten these screws, overtighten can cause tread stripping and void all warranties).

Make wire connections in the pole, observing proper voltage and polarity. Connect green ground wire from the fixture to the field ground wire. Secure wires; push back into pole and replace pole cap.



Figure 5

To rotate the luminaire head:

Loosen the captive screws(KAX1-4; KAX2-6) on the main door using a 3/16 allen wrench (Figure 6).

Locate the rotation feature in the front compartment. Fully remove the 4 – 1/4" bolts, this will free the head and allow it to rotate (Figure 7).



Figure 6



Figure 7

Installation Instructions

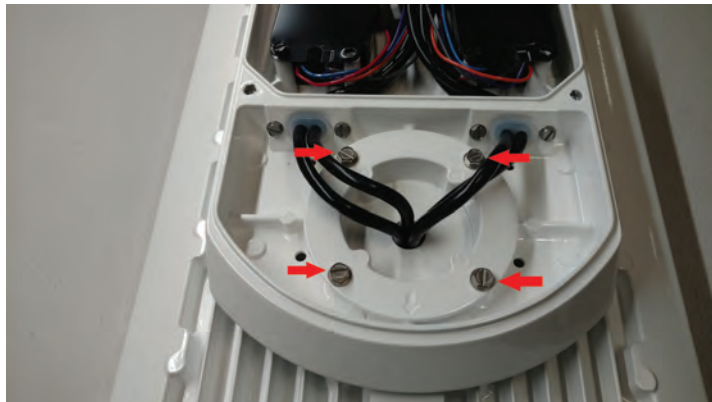
KAX LED

Push up on the entire head in the direction of the arm. The head can be rotated in 90 degree increments. Light throw direction will be in the direction of the arrow. There is a stop in place so that it will not rotate more the 270 degrees.

Once in position, re-install the screws (Figure 8) that were removed in Figure 7. Tighten to 20 ft-lbs. Check to make sure that no wires are going to be pinched.

Reinstall the door and tighten the captive screws (Figure 6).

Figure 8



TILT option (Tilting the luminaire head)

The knuckle allows luminaire head rotation to the left and right forward facing directions.

Note: If rotation to the left or right is desired follow Figures 6-8 (except reinstalling door and captive screws) from the rotation section above. Rotation of the head needs to take place before tilting.

To tilt the luminaire head loosen the 3/8 bolt in the knuckle (Figure 9).

Figure 9



With bolt loosened, tilt head to the desired position.

Tilt angle indicators are on the side of the knuckle (Figure 10).



Figure 10

Make sure the luminaire head is not hitting the luminaire arm (Figure 11).

Note: Maximum tilt in the front facing position is 80 degrees maximum tilt to the left and right 60 degrees.

Tighten the knuckle bolt to 15-20 ft-lbs (Figure 10).

Reinstall the door and tighten the captive screws (Figure 6).

