

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.
- ✓ 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.
- ✓ Always ensure that the electrical distribution system is up to NEC (and any applicable local code) requirements.
- ✓ Verify that power distribution system has proper grounding. Lack of proper earth ground can lead to fixture failure and may void warranty.

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	Aculux	American Electric Lighting	DARK TO LIGHT	SunOptics
	Carandini	Gotham	Antique Street Lamps	LC&D	
	Holophane	Indy	Hydrel	ROAM	
	RELOC	Juno	Tersen	Sensor Switch	
	Light Concepts	Mark Architectural Lighting		Synergy	
		Peerless			
		Renaissance Lighting			
		Winona Lighting			

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 © 2010, 2016 Acuity Brands Lighting, Inc. All rights reserved. 12/01/10

⚠ WARNING

**DISCONNECT POWER BEFORE RELAMPING OR WIRING THE FIXTURE.
HOUSING MUST BE GROUNDED TO REDUCE POTENTIAL OF ELECTRICAL SHOCK
READ ALL INSTRUCTIONS COMPLETELY BEFORE STARTING INSTALLATION**

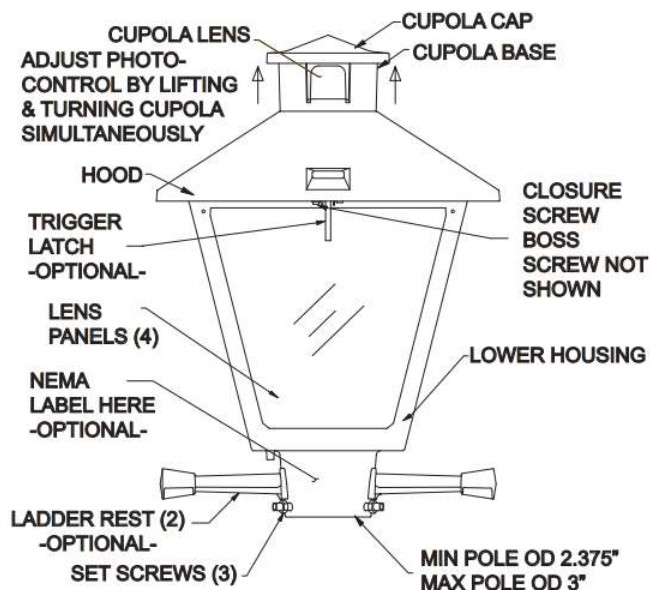
⚠ WARNING

RISK OF FIRE. PRODUCT FOR OUTDOOR INSTALLATION AND USE ONLY.

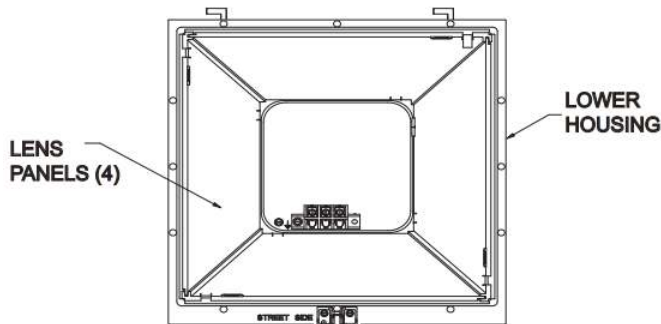
⚠ CAUTION

TO AVOID THE RISK OF FIRE OR SHOCK, FIXTURE MUST BE INSTALLED IN COMPLIANCE WITH ALL APPLICABLE NATIONAL AND LOCAL ELECTRICAL/BUILDING CODES. FOR CODE INTERPRETATION, CONSULT LOCAL CODE AUTHORITY

⚠ CAUTION LIFT UNIT OUT OF BOX BY BAG, NOT CUPOLA



**FIGURE 1
CLOSED HOOD - STREET SIDE VIEW**



**FIGURE 2
OPEN HOOD - TOP VIEW**

MOUNTING:

NOTE: THIS UNIT WILL ACCEPT POLE TOPS WITH AN EXTERIOR DIAMETER BETWEEN 2.375" AND 3"

1. WHEN PLACING THE UNIT ON THE POLE, FEED THE SUPPLY LEADS THROUGH THE BASE OF THE UNIT.
2. ORIENT THE UNIT SO THAT THE CLOSURE SCREW (OR TRIGGER LATCH IF EQUIPPED) ARE TO THE STREET SIDE.
3. TIGHTEN THE THREE MOUNTING SET SCREWS.

⚠ CAUTION DO NOT TIGHTEN SET SCREWS BEYOND 15 ft-lb. TORQUE.

OPENING & CLOSING THE UNIT:

1. TO OPEN THE FIXTURE, LOCATE THE CLOSURE SCREW. IT IS LOCATED ON THE STREET SIDE OF THE FIXTURE. (SEE FIGURE 1.)
2. UNSCREW THE CAPTIVE CLOSURE SCREW. YOU WILL KNOW THE SCREW IS COMPLETELY DISENGAGED FROM THE HOOD WHEN THE SCREW CAN MOVE FREELY UP AND DOWN.
3. OPEN THE HOOD.
4. TO CLOSE THE FIXTURE, SIMPLY CLOSE THE HOOD AND RE-TIGHTEN THE CAPTIVE CLOSURE SCREW TO **25-35 IN-LBS** OF TORQUE.

NOTE FOR OPTIONAL TRIGGER LATCH: TO OPEN THE UNIT, SIMPLY PULL TRIGGER WITH YOUR INDEX FINGER WHILE PUSHING UP ON THE HOOD WITH YOUR THUMBS. CLOSE THE UNIT BY CLOSING THE HOOD AND PRESSING DOWN UNTIL THE TRIGGER LATCH ENGAGE.

⚠ WARNING

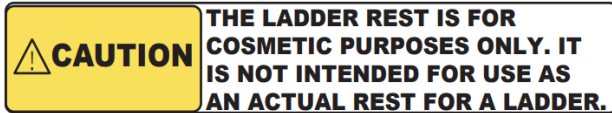
**FIXTURE MUST BE GROUNDED
TO FUNCTION AS INTENDED**

WIRING:

1. OPEN THE UNIT AND REMOVE THE STREET SIDE LENS. (SEE FIGURE 2).
2. UNSCREW THE CAPTIVE THUMB SCREW ON THE BOTTOM COVER AND REMOVE THE COVER (IF APPLICABLE).
3. LOCATE THE WIRING DIAGRAM ATTACHED TO THE INSIDE OF THE HOOD.
4. PULL UP THE TERMINAL BLOCK COVER.
5. USING THE WIRING DIAGRAM AS A GUIDE, CONNECT THE POWER SUPPLY LEADS TO THE TERMINAL BLOCK. RECOMMENDED TORQUE FOR TERMINAL BLOCK SCREWS IS **35 IN-LBS**.
6. PUSH DOWN THE TERMINAL BLOCK COVER.
7. REPLACE THE BOTTOM COVER (IF APPLICABLE), MAKING SURE TO CORRECTLY ALIGN THE CUTOUT TO ALLOW THE WIRES TO PASS THROUGH.
8. TIGHTEN THE BOTTOM COVER THUMB SCREW (IF APPLICABLE).
9. REINSTALL THE STREET SIDE LENS.
10. CLOSE THE UNIT.

NOTE: CHECK TO ENSURE THAT THE WIRES ARE NOT PINCHED AGAINST THE CASTING, HOOD, OR BOTTOM COVER DURING RE-INSTALLATION OF THE BOTTOM COVER.

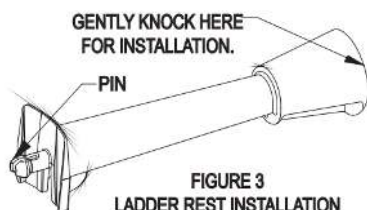
LADDER REST INSTALLATION:



NOTE: IT IS DESIGNED TO BREAK-AWAY UNDER SIDE FORCE. HOWEVER, IT CAN BE REATTACHED WITH A 1/4-20X3/4 BOLT AND NUT AVAILABLE IN THE LADDER REST REPLACEMENT KIT (THE KIT ALSO CONTAINS TWO ADDITIONAL LADDER RESTS.) NOTE: THE LADDER REST IS A PRESS FIT DESIGN INTENDED FOR INSTALLATION AFTER THE UNIT IS INSTALLED ONTO THE POST TOP.

1. INSERT THE PIN FEATURE ON THE LADDER REST (SEE FIGURE 3) INTO THE LADDER REST HOLE LOCATED ON THE LEFT AND RIGHT SIDE OF THE LOWER HOUSING JUST ABOVE THE MOUNT SET SCREWS.
2. USING A RUBBER Mallet OR HAMMER, GENTLY KNOCK THE LADDER REST INTO THE HOLE. BE SURE TO KEEP THE LADDER REST LINED UP WITH THE HOLE SO THAT THERE IS NO DAMAGE TO THE PIN.

NOTE: IF THE PIN IS DAMAGED BEYOND REPAIR, REMOVE IT WITH PLIERS AND REATTACH USING A 1/4-20X3/4 BOLT AND NUT.



PHOTOCONTROL:

NOTE: NO TOOLING IS NECESSARY FOR THE PHOTOCONTROL INSTALLATION OR ADJUSTMENT.

- IF NO PHOTOCONTROL OPTION WAS SELECTED, A CUSTOMER SUPPLIED PHOTOCONTROL WILL NEED TO BE INSTALLED. SEE STEP 1 BELOW.
- IF "NR" WAS SPECIFIED, THE STEPS BELOW ARE NOT NECESSARY.

1. REMOVE THE CUPOLA CAP BY GRABBING ONE SIDE OF IT AND LIFTING UP. (SEE FIGURE 1) THE CUPOLA CAP IS VERY RIGID AND TIGHT, DESIGNED SO IT DOESN'T EASILY COME OFF. HOWEVER, IT MAY BE REMOVED BY HAND.
2. INSERT THE PHOTOCONTROL INTO THE RECEPTACLE.
3. REATTACH THE CUPOLA CAP. IT SHOULD REATTACH WITH A VERY AUDIBLE SNAP.
4. TURN THE PHOTOCONTROL WINDOW TOWARD NORTH BY GRABBING THE CUPOLA BASE WITH BOTH HANDS, LIFTING AND TURNING SIMULTANEOUSLY UNTIL THE CUPOLA WINDOW IS FACING NORTH. THE CUPOLA BASE AND THE PHOTOCONTROL RECEPTACLE ARE KEYED SO THE PHOTOCONTROL TURNS AS THE CUPOLA DOES.

NOTE: FOR ELECTRICAL SAFETY PURPOSES, THE CUPOLA IS DESIGNED SO THAT IT WILL NOT TURN BEYOND 360 DEGREES. DEPENDING ON THE INITIAL ORIENTATION, IT MAY BE NECESSARY TO TURN THE CUPOLA IN THE OTHER DIRECTION IF IT STOPS AND REFUSES TO TURN.

NOTE:

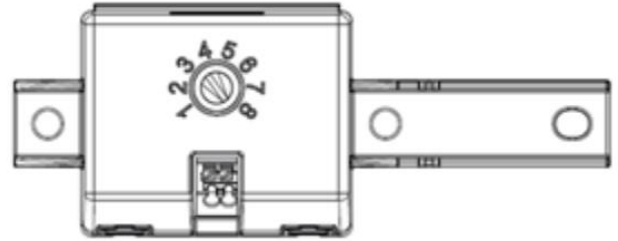
THIS DEVICE COMPLIES WITH PART 18 THE FCC RULES BUT MAY CAUSE INTERFERENCE WITH CORDLESS AND CELL PHONE, RADIOS, TELEVISIONS AND OTHER ELECTRICAL DEVICES.

TO CORRECT THE PROBLEM, MOVE THE DEVICE AWAY FROM THE LUMINARY 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 COMMUNICATION EQUIPMENT OPERATING BETWEEN 0.45-30 MHz.

Field Adjustable Output Module

THE FIELD ADJUSTABLE OUTPUT (AO) MODULE IS AN ONBOARD DEVICE THAT ADJUSTS THE LIGHT OUTPUT AND INPUT WATTAGE TO MEET SITE SPECIFIC REQUIREMENTS, ALLOWING A SINGLE FIXTURE CONFIGURATION TO BE FLEXIBLY APPLIED IN MANY DIFFERENT APPLICATIONS. THE AO OPTION IS AVAILABLE ON THE 247L SERIES. THE FOLLOWING DATA IS FOR **MVOLT** OPTIONS.



ALL PERFORMANCE PACKAGES - MVOLT ONLY		
AO Position	% Lumens	% Wattage
8	100%	100%
7	95%	94%
6	84%	82%
5	72%	70%
4	60%	57%
3	47%	45%
2	34%	33%
1	20%	21%