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.

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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.
✓ 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.

All luminaires that contain electronic devices that generate frequencies above 9kHz from any component within the luminaire comply with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference
(2) This device must accept any interference received, including interference that may cause undesired operation

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 | Lighting | Controls | Components | Daylighting
---|---|---|---|---
Acutux | Juno | DTL | eldLED | SunOptics
American Electric Lighting | Lithonia Lighting | Fresco | RELOC | 
Antique Street Lamps | Mark Architectural Lighting | LC&D | Power Sentry | 
Carandini | Peerless | nLight | | 
Gotham | Winona | ROAM | | 
Healthcare Lighting | Sensor Switch | | | 
Holophane | Synergy | | | 
Hydrel | XPoint Wireless | | | 
Indy | Distech Controls | | | 

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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MYO ICAT CP fixtures are designed for direct contact with insulating materials approved for the application. They may also be used in non-insulated ceilings.

**TYPE IC for Insulated Ceilings**

![Figure 1](image1.png)

**Air-Loc & CCEA Approved**

MYO ICAT CP housings meet energy code air leakage requirements per ASTM E283. This stops infiltration and exfiltration of air, which contributes to reduced heating and cooling costs.

They are also CCEA approved (City of Chicago Environmental Air) for use in environmental air spaces other than ducts and plenums. This is also referred to as “Chicago Plenum”.

**Energy Star Qualified**

MYO ICAT CP fixtures are Energy Star Qualified with select color temperatures and trims. See specification sheets for detailed information.
MYO ICAT CP Downlight INSTALLATION INSTRUCTIONS

These installation instructions are used for installing the following luminaires and kits

<table>
<thead>
<tr>
<th>Luminaire Variant</th>
<th>Mounting Kits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MYO 1X 500/750/1000LM MVOLT UGZ ICAT CP</td>
<td>Residential Hanger Bars (Included)</td>
</tr>
<tr>
<td>MYO 2X 500/750/1000LM MVOLT UGZ ICAT CP</td>
<td>Residential and Commercial Hanger Bars (Included)</td>
</tr>
<tr>
<td>MYO 3X 500/750/1000LM MVOLT UGZ ICAT CP</td>
<td>Residential and Commercial Hanger Bars (Included)</td>
</tr>
</tbody>
</table>

Identification of 1-Head Downlight Luminaire Part.................................................. Page 4
Identification of 2-Head Downlight Luminaire Part.................................................. Page 5
Identification of 3-Head Downlight Luminaire Part.................................................. Page 5
Identification of Flanged and Flangeless Type LED Module........................................ Page 5
Identification of Flanged and Flangeless Box Variants............................................ Page 6
MYO 2X and 3X Aperture Rotation.................................................................................. Page 6
Identification of Housing Installation Orientations.................................................. Page 7
Lay-in Panel T-bar Ceiling Installation........................................................................ Page 8
Non-accessible Ceiling Installation............................................................................. Page 9
Electrical Connection Instructions............................................................................ Page 10
Wiring Diagrams.......................................................................................................... Page 11
Ceiling Cutout............................................................................................................. Page 14
1X LED Module Connection and Install........................................................................ Page 15
2X & 3X LED Module Assembly, Connection, and Install............................................ Page 16
LED Module Replacement............................................................................................ Page 17
Driver Replacement – 1X............................................................................................ Page 18
Driver Replacement – 2X & 3X.................................................................................... Page 19
Optic Replacement...................................................................................................... Page 20

A) Identification of 1-Head Downlight Luminaire Part

1-Head LED Module

1-Head ICAT CP Housing
B) Identification of 2-Head Downlight Luminaire Part

2-Head LED Module

2-Head ICAT CP Housing

C) Identification of 3-Head Downlight Luminaire Part

3-Head LED Module

3-Head ICAT CP Housing

D) Identification of Flanged and Flangeless Type LED Module

Flangeless

Flanged
E) Identification of Flanged and Flangeless Box Variants

Note: Different housing are required for flanged trims and flangeless trims to accommodate the flangeless adapter. Ensure the correct housing is used based on these dimensions.

FLANGED: 2.8” x 2.8”
FLANGELESS: 3.125” x 3.125”

FLANGED: 7.3” x 2.8”
FLANGELESS: 7.625” x 3.125”

FLANGED: 10.8” x 2.8”
FLANGELESS: 11.125” x 3.125”

F) MYO 2X and 3X Aperture Rotation

MYO 2X and 3X have plates that can be rotated to orientate the LED heads in different positions for installation flexibility. Loosen screws that secure the plate. Slide the plate to one side and lift up to remove. Rotate the plate 90 degrees and slide it back onto the housing. Tighten screws to secure it in place.
G) Identification of Housing Installation Orientations

**MYO 1X**

- HANGER BARS ON LONG SIDE
- HANGER BARS ON SHORT SIDE

**MYO 2X/3X**

- USING RESIDENTIAL HANGER BARS
- USING COMMERCIAL HANGER BARS
H) Lay-in Panel T-bar Ceiling Installation

1. If using residential style bar hangers, assemble the hanger bars into the adjustable mounting brackets by sliding the mated hanger bars through the tall vertical leg of the “C” shaped cutout in the bracket and secure with the supplied hardware.

2. For commercial hanger bars, place (2) short hanger bars together so that the formed tabs slip into the slots to form one long rigid hanger bar. Aligning the “V” cutouts in the hanger bar will set the spacing for a 24” ceiling.

3. Locate the T-bar slots near the ends of the bar hangers, bend the tabs out 45° from the bar hanger on each end. Snap the bar hangers over the ceiling T-bars for a secure fit. Repeat on opposite side of the fixture.
I) Non-accessible Ceiling Installation

1. For residential bar hangers, extend hangar bars to joists. Skip to step 4 if not using commercial hangers.

2. For commercial hangers, bend bar hangers at right angles 2” from one end of the bar hangers (at the row of (3) holes).

3. Insert bar hangers into adjustable mounting brackets. Adjust the hanger bars as needed and tighten wing nuts to secure for 16” to 24” center-to-center joist spacing.

4. Use fasteners (supplied by others) to secure the fixture to the joists in at least (4) places.
J) Electrical Connection Instructions

1. Provide electrical service according to national and/or local electrical code to the wiring box located on the fixture plaster frame. Supply wire insulation must be rated for at least 90°C.

   Note: If above ceiling access is not available, a service loop of the supply conductors is required for maintenance of driver(s) and electrical connections. Ensure at least 12” of supply wire exists in junction box so service can be done from the room side.

   Fixture Dimming: Universal input voltage (120VAC thru 277VAC) housings. Dimmable with the use of most 0-10V wall box dimmers and incandescent, magnetic low voltage or electronic low voltage* wall box dimmers.

   *Electronic low voltage dimmers require a neutral wire connection in the wall box.

2. Remove wiring box cover. Remove the appropriate knock-out(s) to accommodate the type of electrical supply being used. Connect to wiring box with proper connectors (not supplied).

3. Follow wiring diagrams in these instructions: Connect black fixture wire to hot, white fixture wire to neutral and bare wire to ground. Connect violet (+) and gray (-) dimmer wires, if utilizing 0-10 dimmer.

4. Place all wiring and connectors back in wiring box and secure cover.
K) Wiring Diagram – MYO 1-Head

**MYO 1X 0–10V DIMMING**

- **LED DRIVER**
- **BLACK**: SWITCHED HOT
- **WHITE**: NEUTRAL
- **GREEN**: GROUND
- **VIOLET**: (+) POSITIVE
- **GREY**: (–) NEGATIVE

**120V TO 277V SUPPLY CONNECTIONS**

**0–10V DIMMING CONNECTIONS**

**FIXTURE J–BOX**

**MYO 1X PHASE DIMMING**

- **LED DRIVER**
- **BLACK**: DIMMED HOT
- **WHITE**: NEUTRAL
- **GREEN**: GROUND
- **VIOLET**:
- **GREY**:

**120V SUPPLY CONNECTIONS**

**FIXTURE J–BOX**
L) Wiring Diagram – MYO 2-Head

MYO 2X
0–10V DIMMING

POSITION A

MYO 2X
PHASE DIMMING

POSITION A

GOOCH ARCHITECTURAL DOWNLIGHTING
1400 Lester Road, Conyers, Georgia 30012
P 800 315 4982 F 770 860 3129
www.gothamlighting.com

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Page 12
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M) Wiring Diagram – MYO 3-Head

**MYO 3X**
0–10V DIMMING

**POSITION A**
- LED DRIVER A
  - BLACK: SWITCHED HOT
  - WHITE: NEUTRAL
- 120V TO 277V SUPPLY CONNECTIONS
- 0–10V DIMMING CONNECTIONS

**POSITION B**
- LED DRIVER B
  - BLACK: SWITCHED HOT
  - WHITE: NEUTRAL
- 120V TO 277V SUPPLY CONNECTIONS
- 0–10V DIMMING CONNECTIONS

**POSITION C**
- LED DRIVER C
  - BLACK: SWITCHED HOT
  - WHITE: NEUTRAL
- 120V TO 277V SUPPLY CONNECTIONS
- 0–10V DIMMING CONNECTIONS

**FIXTURE J-BOX**
- GREEN: GROUND
- BRANCH CIRCUIT GROUND

**MYO 3X**
PHASE DIMMING

**POSITION A**
- LED DRIVER A
  - BLACK: DIMMED HOT
  - WHITE: NEUTRAL
- 120V SUPPLY CONNECTIONS

**POSITION B**
- LED DRIVER B
  - BLACK: DIMMED HOT
  - WHITE: NEUTRAL
- 120V SUPPLY CONNECTIONS

**POSITION C**
- LED DRIVER C
  - BLACK: DIMMED HOT
  - WHITE: NEUTRAL
- 120V SUPPLY CONNECTIONS

**FIXTURE J-BOX**
- GREEN: GROUND
- BRANCH CIRCUIT GROUND
N) Ceiling Cutout

1. If ceiling is not durable, or thinner than 1/2", we recommended adding a stiffener above the ceiling until the thickness is between 1/2" and 5/8". A square of drywall or plywood works well.

2. Use a laser or other accurate method to ensure that your template marks are aligned. NOTE: When installed in ‘hard ceiling’ such as gypsum, the expectation is that the drywall contractor will cut the hole in the drywall using the hole in the pan as the guide. Ensure that the bar hangers are locked in place so that the pan does not move during the cutting of the ceiling.

3. Using the template for the given head count being installed (1-Head template shown), sketch the hole on the ceiling.

4. Drill a small hole at two corners of the sketched template.

5. Using a keyhole saw, cut on sketched line to complete the installation.

6. If you purchased the flangeless (FL style) product, see step 7

7. The flangeless style trims require the use of a mud ring to properly install them into the ceiling. Remove the mud ring from its packaging and follow any corresponding instructions shipped with it.

   Hold the mud ring in place while applying joint compound. When dry, finish the joint compound flat. Ensure that the inner surfaces of the mud ring are free of joint compound.

   Note: For best appearance, at a minimum a Level 4 drywall finish for textured ceilings and a Level 5 drywall finish for flat ceilings is recommended. In addition, use of a setting-type joint compound such as Sheetrock® brand Durabond® is recommended to increase durability and prevent the formation of hairline cracks over time.
1. Pull driver enclosure out of housing and plug in LED Module.

2. Insert the assembly into the housing. Insert the 4 black spring clips into the lower collar and, once the luminaire is flush with the ceiling, push them outward with flat bladed screwdriver until they snap into place.

3. **AIMING LED MODULE**

   - **Tilt via screw**
     - Use a 0.050" hex key to adjust the screw next to the optic. Tighten screw to tilt light, up to 40 degrees. Do not over tighten.

   - **Rotate by hand**

---

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1. Snap in the light heads to the manifold frame. Match the letter on the light head cord tag to the letter on the manifold frame. Before snapping the light heads to the manifold locate peg hole on the manifold and ensure this is lined up with the peg on the light head. This step only applies to 2 and 3 head assemblies.

2. Plug light heads into the corresponding lettered plug inside of the housing. Insert the assembly into the ceiling. Insert the black spring clips into the manifold frame and, once the luminaire is flush with the ceiling, push them outward with flat bladed screwdriver until the snap into place.

3. Match light head label tag to letter A B C Tilt via screw Rotate by hand

4. AIMING LED MODULES

Use a 0.050” hex key to adjust the screw next to the optic. Tighten screw to tilt light, up to 40 degrees. Do not over tighten.
Q) LED Module Replacement

1. Remove trim/baffle and then remove the 1, 2, or 3-Head LED Module assembly from the housing. Use a screw driver to pry behind each spring so it disengages the inside of the housing.

2. Unplug connectors on the inside of the housing for the LED Modules you are replacing.

3. For 1-Head configuration, the whole assembly will be replaced (shown below). For 2/3-Head configurations please see step 4.

4. Unsnap LED Module from the top of the square manifold. Take new LED Module and snap into place making sure corner peg lines up with corner hole on base, shown below.

5. Plug LED Modules back into the housing. Reinstall in housing engaging the springs. Reinstall baffle/trim.
R) Driver Replacement – 1X

1. Remove LED module from housing and pull driver enclosure out.

2. Remove 2 end screws and slide out driver assembly. Remove 4 additional screws. Disconnect driver wires and replace driver.
1. Remove LED Module in order to access the inside of the housing. See LED Module Replacement section for how to remove. Unscrew wing nuts (2) on each side of the driver enclosure.

2. Pull driver enclosure out of housing thru the LED Module opening to access drivers for replacement.
T) Optic Replacement

1. See exploded view below for part reference. Unsnap plastic ring from LED Module and remove optic. Use a flat head screw driver or similar tool if needed.

2. Place replacement optic inside module and snap the snap ring back into place. Snap ring notch **MUST** be aligned with black notch on LED Module.