

**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



**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



**CAUTION
RISK OF INJURY**

- ✓ Wear gloves and safety glasses at all times when removing luminaire from carton, installing, servicing or performing



**CAUTION
RISK OF FIRE**

- ✓ Keep combustible and other materials that can burn, away from lamp/lens.
- ✓ Do not operate in close proximity



CAUTION: RISK OF PRODUCT

- ✓ 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

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.

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|-------------------|--|---|--|---|--------------------------|
| Our Brands | Indoor/Outdoor Lithonia Lighting Carandini Holophane RELOC Light Concepts | Indoor Lighting Gotham Mark Architectural Lighting Peerless Renaissance Lighting Winona Lighting | Outdoor Lighting American Electric Lighting Antique Street Lamps Hydrel Tersen | Controls DARK TO LIGHT LC&D ROAM Sensor Switch Synergy | Daylighting 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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SECTION 1: INSTALLATION IBH LED (Read LED safety instructions on page 1)

- 1) Disconnect all power to the existing luminaire and remove the existing luminaire from the ceiling. Inspect the existing mounting location for damage before install the new IBH LED high bay in this location.
- 2) Remove the new IBH LED from packaging and inspect for any damages. Handle new LED fixture with care. If damaged do not use; call your local rep for replacement.
- 3) If LED fixture does not have lens option, do not touch the LEDs during installation process. Leave the protective liner on the fixture until final stage of installation. Remove the protective plastic around the LED fixture before turning them ON.
- 4) **Optional Chain mount (HC36):** Install the chain into the wire hanger (ex.HC36 is one pair 36in chain). Clip the wire hanger into the side holes on the IBH driver channel. Secure the other end of the chain to a structure using hardware rated for the load. Contact factory or agency for areas that have vibration, overhead cranes and/or high velocity. **SEE FIGURE 2, DIA. A.**



Make sure the wiring hangers are fully engaged into the side holes on the top channel. If using "S" hooks, make sure all loops are crimped closed if possible. Make sure wire hanger fit snugly into side hole of driver channel.

Optional THUN mount: Mount the THUN brackets to structure. Install/snap the fixture into the brackets and secure the LED fixture in place using the provided carriage bolts and nuts. Make sure all screws are securely tighten! Do not over torque the nuts to where the brackets deform. LED fixture should not slide or be pulled loose if installation is done correctly. **SEE FIGURE 2, DIAGRAM B for torque specification.**

Optional IBLPMP mount: Mount the IBLPMP bracket to the existing threaded rod/pipe. Follow all threaded rod/pipe installation instruction. Make sure all parts are securely tighten before hanging the LED fixture. Slide the center of fixture along the length of the bracket and snap it into the side slots once "center weight" is determined. Make sure the two tabs on the IBLPMP bracket engages the slots in the side of the channel. Secure the provided carriage bolt. Do not over-tighten bolt. Install the provided side covers 1 screw/part once all line wiring is completed. **SEE FIGURE 2, DIAGRAM C.**

**** This option is not available if the IBH fixture has a backpack unit mounted on top.**

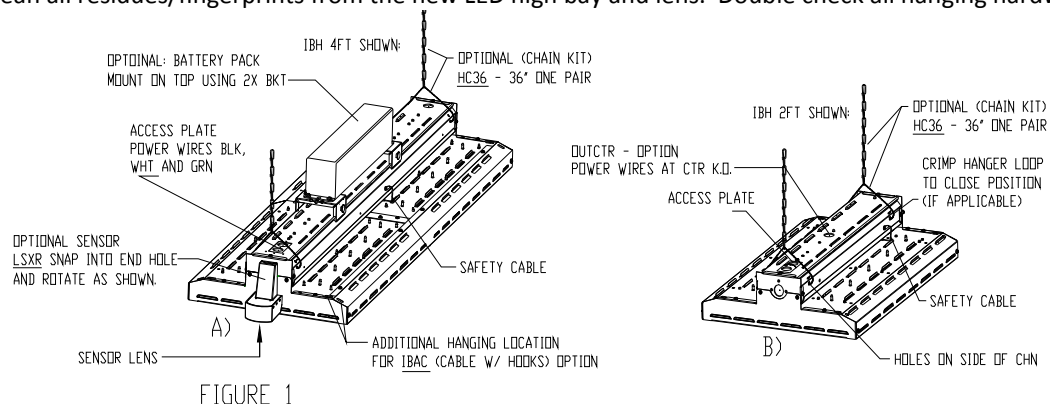
Optional IBLPMPHB (HUB) kit mount: Mount the HUB kit to the IBLPMP bracket. Make sure the threaded part is place outside the part. Make sure the nut to the HUB is securely tighten to the bracket. Install the assembly to the existing thread rod/pipe. Follow "IBLPMP mount" LED fixture hanging instruction above.

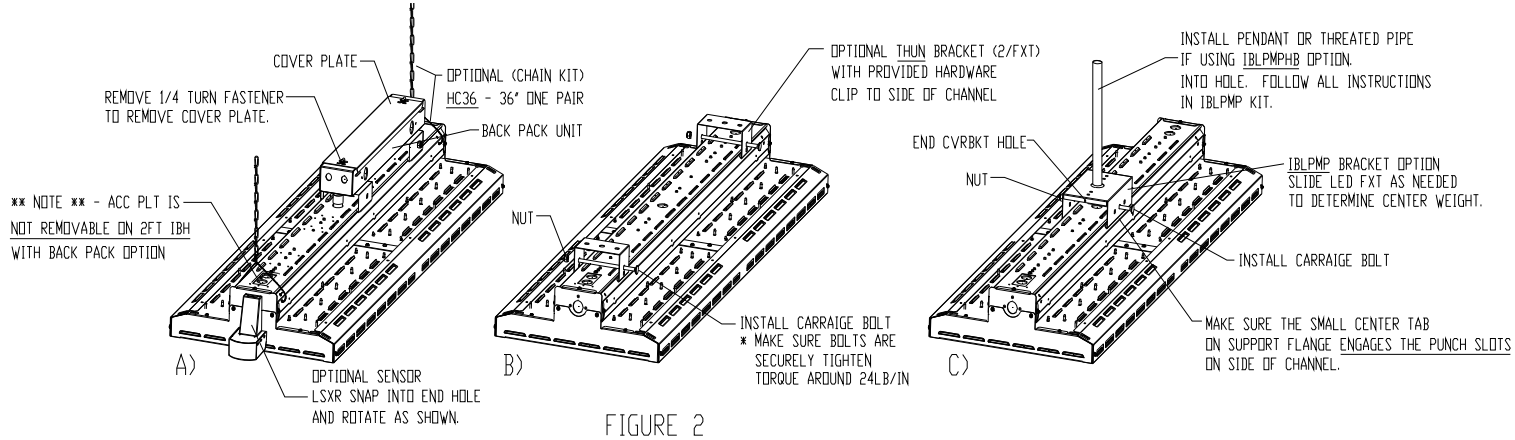
**** This option is not available if the IBH fixture has a backpack unit mounted on top.**

- 5) Connect the LED high bay wiring to line wire, black-to-black, white-to-white and green-to-green. Use only UL listed wiring connectors 90C (or greater) and UL listed wiring 90C (or greater). Use only UL listed cord and plug.

****NOTE:** Purple and gray lead inside the driver compartment are 0-10V (low voltage) dimming leads. Connect to dimming low voltage wiring only. IBH 2FT with backpack, the access plate is not removable. All power wiring will be pulled out access plate hole. ***** If EMERGENCY PACK OPTION, the un-switched EL Lead will be labeled. *****
- 6) If **sensor option**, remove the black wire protection bushing from the hole on the fixture end. This is used to protect sensor wiring from being cut during transit. Push the sensor wiring into the channel compartment and snap the sensor into the hole on the end cover. Align the sensor head to where it faces the floor. SEE FIGURE 1.

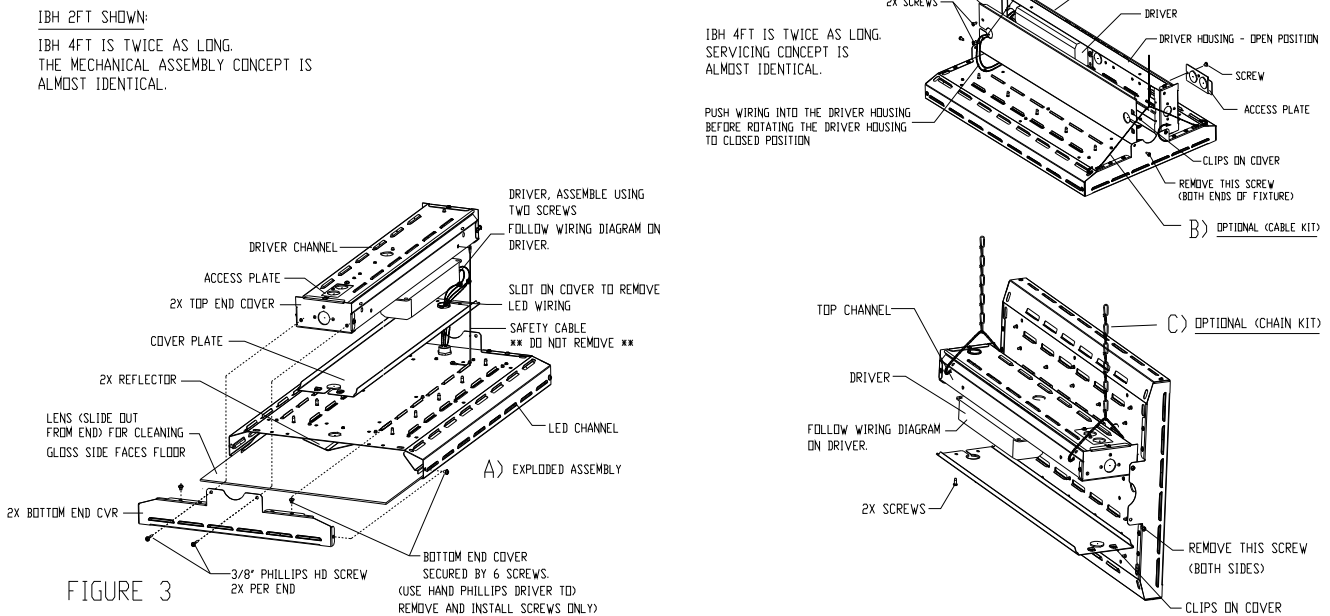
****NOTE:** Make sure the sensor is push tightly into the hole on the end cover! Do not touch the sensor lens area.
- 7) The **EMERGENCY option** mount on top of the LED fixture with two brackets. Power from the EM pack feed through a whip and connect to the driver channel. Connect the two connectors to energize the battery packs. Push the connectors back into the channel and cover the hole with the provided hole-plug. Un-switched lead will be labeled. **SEE FIGURE 1, DIA. A.**
- 8) Clean all residues/fingerprints from the new LED high bay and lens. Double check all hanging hardware.





SECTION 2: SERVICING (Disconnect all power to the IBH LED high bay being service. Read LED safety instructions on page 1)

- 1) To access the driver, remove the two screws at the ends opposite the safety cable side.
- 2) Rotate top driver housing to its side and remove screw holding the channel cover. **FIGURE 3, DIAGRAM B AND C.**
- 3) Slide the channel cover off its securing clips.
- 4) Mark all wiring before removing the bad driver. Install new driver in the same location. Follow wiring diagram on driver.
- 5) Make sure to install the EMI ferrite core onto the power leads of the new driver if present in your assembly. Insert the black, white and green wires from the driver into the EMI ferrite core hole. One EMI ferrite core per driver.
- 6) Use only UL listed 90C (or greater) wiring and connectors. Make sure to push all wiring back into the driver housing before rotating the driver housing to closed position. Do not let wiring get caught outside the two assemblies.
- 7) To clean lens, remove one bottom end cover **closest to the safety cable** and slide lens out. **NOTE:** LED housing is made from aluminum sheets. **Do not over tighten screws** when re-installing the end cover, this will damage the screw holes.
- 8) If IBH LED fixture does not come with lens, do not touch the LEDs when servicing the unit.
- 9) Reinstall the lens and end cover when cleaning is done. Gloss side of lens faces floor. **SEE FIGURE 3 DIAGRAM A.**



Five-year limited warranty. Warranty terms are located at (U459430 REV J 1/20/16)
www.acuitybrands.com/customerresources/term_and_conditions.aspx