

AFL10 Architectural Flood HID to LED Upgrade Kit Installation Instructions

⚠ WARNING: Fixtures must be grounded in accordance with local codes or the National Electrical Code. Failure to do so may result in serious personal injury. **See page 5 for additional safety warnings and cautions.**

⚠ AVERTISSEMENT: Les appareils doivent être mis à la terre conformément aux codes locaux ou au Code national de l'électricité. Ne pas le faire peut entraîner des blessures graves. **Reportez-vous à la page 5 pour des avertissements et des mises en garde supplémentaires.**

MAINTENANCE INSTRUCTIONS: **⚠** Make certain electricity is **off** before beginning maintenance procedures

INSTRUCTIONS D'ENTRETIEN: **⚠** Assurez-vous que l'électricité est **éteinte** avant de commencer les procédures de maintenance

1. For opening and closing of the fixture, refer to instructions and diagrams on other side of sheet.
2. A regularly scheduled maintenance program should be established to retain optimum light output and reduce heat retention. Dusting with a soft, clean, dry cloth is normally sufficient for the optics.

Do not use alkaline or acid cleaners on reflector surfaces.

NOTE: All wiring must be done by a qualified electrician.

KEEP THIS SHEET FOR FUTURE REFERENCE.

Tools Required: Wire Cutters/Strippers Pliers 3/16" Hex Wrench 5/32" Hex Wrench
 Flat Head Scredriver Philips Scredriver

Included in Kit: LED Module Assembly and LED Driver Assembly

Parts List:

- 1) Qty: 8 Philips screws and washers for LED Assembly
- 2) Ground Screw
- 3) Ground Terminal and green wire
- 4) Qty: 2 Side Housing Bracket
- 5) Qty: 4 Driver Mounting Philips Head Screws for Driver Assembly
- 6) Qty; 8 Philips Head Screws for Housing Brackets
- 7) Lens Frame Gasket



1. Open fixture by loosening 4 lens frame screws using 3/16 Hex Bit. Do not remove screws.



2. Slide lens frame and set aside.

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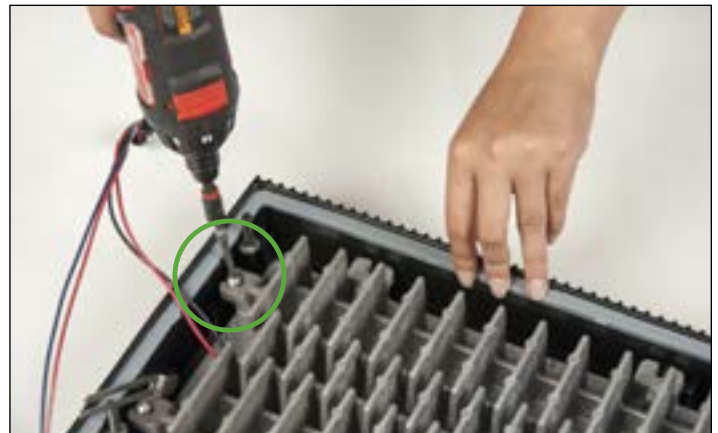
3. Remove 8 screws/brackets, on lens frame holding glass in place, with 5/32" Hex Bit.



4. Properly discard of glass lens and 8 screws/brackets. Note: These items are not needed for LED Assembly.



5. Making sure that the gasket on front of optic is seated around entire lens, place LED module inside of lens frame (Note: Orientation of module inside of lens frame is not relevant). Switch out existing gasket with new gasket provided. (Make sure gasket is installed correctly).



6. Once LED module is lined up with lens frame holes, secure the 8 screws with the washers from packet of parts. **Screws on LED optics need to be secured tightly to prevent water entry.**



7. Completed LED/Lens Frame Assembly.



8. Remove 8 flat head screws from reflector assembly in housing (Screws can be discarded).

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9. Pull out reflector and cut the wires connecting it to the ballast. Properly discard reflector and brackets.



10. Using pliers, remove 2 nuts holding ballast into place.



11. Using philips bit, remove:
1) Mounting strap from capacitor
2) Mounting tie from center of housing
3) Grounding wire screw



12. Remove ballast assembly from housing, (Note: There will be 2 wires, black and white from the housing arm, that will prevent the assembly from being removed. Cut these two wires from the ballast assembly, but keep about 6" of this wire coming from the arm opening. Properly discard ballast assembly.



13. Place new mounting brackets from packet of parts. Secure using 8 philips head screws.



13. Secure 2 ground terminal wires to center of housing hole (1 ground ring wire from driver bracket, and 1 ground ring wire already attached to fixture). Strip white and black leads using wire strippers.

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14. Place Driver Tray into housing. Verify holes are lined up and fasten using 4 philips head screws.



15. Use wago connectors to tie line voltage wires together:
1) Green to Green
2) White to White
3) Black to Black



16. Slide on lens frame to housing and affix lens frame slide bracket to housing side bracket.



17. Plug LED connector into Driver connector. (Note: Verify that no connections are loose/missing inside of fixture before closing lens frame).



18. Close lens frame. Secure 4 original screws from lens frame back into housing using 3/16 Hex Bit. **Screws on lens frame need to be secured tightly to prevent water entry. Torque wrench to 23-28 lbs/in.**

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Installation warnings and cautions for upgrade kits Avertissements et précautions pour l'installation de kits de mise à niveau.

-  **WARNING:** Make certain all electrical supply is OFF before starting installation or beginning maintenance procedures.
-  **AVERTISSEMENT:** S'assurer que toute alimentation possible est COUPÉE avant de commencer l'installation ou l'entretien.
-  **WARNING:** Fixtures must be grounded in accordance with local codes or the National Electrical Code. Failure to do so may result in serious personal injury.
-  **AVERTISSEMENT:** Les appareils doivent être mis à la terre en conformité avec le Code canadien de l'électricité et les codes locaux. Une non-conformité pourrait conduire à des blessures graves.
-  **WARNING:** To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
-  **AVERTISSEMENT:** Pour empêcher l'endommagement ou l'éraflure des fils, empêchez tout contact avec les rebords des parties métalliques.
-  **MAINTENANCE:** A regularly scheduled maintenance program should be established to retain optimum light output and reduce heat retention. Dusting with a soft, clean, dry cloth is normally sufficient for the reflector.
-  **ENTRETIEN:** Un programme d'entretien régulier devrait être établi pour conserver la luminosité optimale et réduire l'accumulation de chaleur. Un chiffon doux et propre est normalement suffisant pour dépolir le réflecteur optique.
-  **NOTE:** All wiring must be done by a qualified electrician.
-  **REMARQUE:** Tout le câblage doit être fait par un électricien certifié.
-  **CAUTION:** LED fixtures are available in 120 volt input or 277volt input. Please verify before wiring fixture to field wires. (see lamp label to verify).
-  **MISE EN GARDE:** Les appareils d'éclairage à DEL sont offerts pour alimentation à 120 V ou 277 V. Veuillez vérifier avant de raccorder (voir l'étiquette de l'appareil pour confirmer).
-  **WARNING: RISK OF FIRE OR ELECTRICAL SHOCK.** Install this kit only in the luminaires that have the construction features and dimensions shown in the photographs and/or drawings. Luminaires wiring, power supply, or other electrical parts may be damaged when drilling for installation of retrofit assembly hardware. Inspect all wiring and components for damage, and replace any damaged parts prior to installation of upgrade kit.
-  **AVERTISSEMENT: DANGER DE CHOC ÉLECTRIQUE OU D'INCENDIE.** Installez ce kit dans les luminaires qui ont les caractéristiques de construction et les dimensions indiquées dans les photographies et / ou dessins. Câblage des luminaires, alimentation, ou d'autres pièces électriques peuvent être endommagés lors du forage pour l'installation du matériel de montage de rénovation. Vérifiez tout le câblage et les composants pour les dommages, et remplacer les pièces endommagées avant l'installation du kit de mise à niveau.
-  **CAUTION:** Unless otherwise specified, do not make or alter any openings in the compartment of wiring or electrical components during installation of this retrofit assembly. Plug all unused openings in the compartment of wiring or electrical components.
-  **ATTENTION:** Pour cette modification, ne pas percer ou modifier toute ouverture du compartiment de connexion des câbles ou celui des composants électriques sauf si clairement indiqué dans une autre directive. Bouchez toutes les ouvertures du compartiment de connexion ou des composants électriques qui ne sont pas utilisées.
-  **CAUTION:** Only the holes indicated in the photographs and/ or drawings may be made or altered as a result of kit installation. Do not leave any other open holes in an enclosure of wiring or electrical components.
-  **ATTENTION:** Seuls les trous indiqués dans les photographies et/ou les dessins peuvent être percés ou modifiés pour installer la présenteousse. Les compartiments de connexion ou des composants électriques ne doivent comprendre aucune ouverture non obstruée autre que celles requises au câblage.
-  **CAUTION:** Installation of this retrofit assembly requires a person familiar with the construction and operation of LED luminaire electrical systems and the hazards involved
-  **ATTENTION:** installation de ce nécessaire de modernisation a une personne connaissant la construction et le fonctionemnet des installations d éclairage fluorescent et consciente des risques qu elles comportent.
-  **CAUTION:** Do not alter, relocate, or remove wiring, lampholders, ballasts, or any other electrical components.
-  **ATTENTION:** Ne pas modifier, déplacer ni enlever de cable, de douille de lampe, de ballast ou autre composant électrique.
-  **WARNING:** The H.I.D./Fluorescent fixtures utilizes a lamp that may contain mercury. For information on disposal of lamp go to website: www.lamprecycle.org.
-  **AVERTISSEMENT:** Les appareils d'éclairage à décharge à haute intensité ou à fluorescents peuvent contenir du mercure. Pour l'information de disposition des ampoules/tubes, visitez le site Web: www.lamprecycle.org.

CONSERVER LA PRÉSENTE FEUILLE POUR RÉFÉRENCE ULTÉRIEURE.

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For warranty see <http://www.hubbellighting.com/resources/warranty>

