



LITESHEET
ADAPTIVE AC LED TECHNOLOGY

Shoebox Retrofit Kit Installation Manual



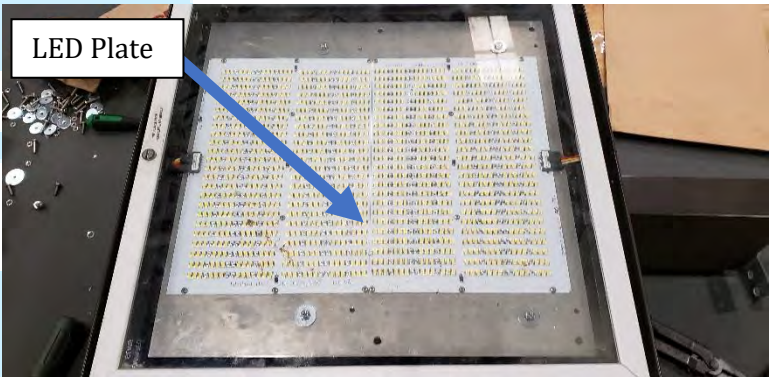
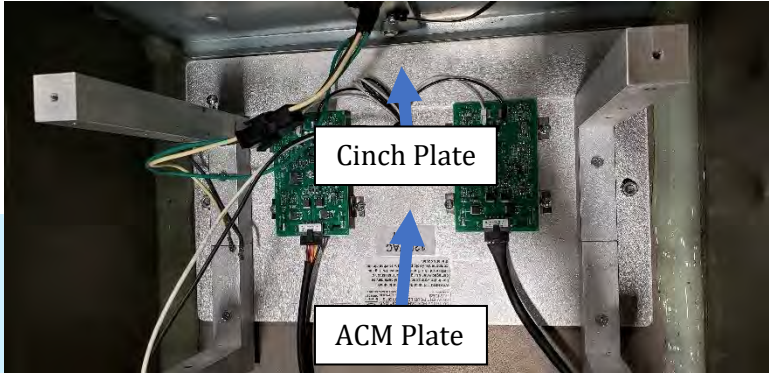
Proudly Made in the USA
of US and imported parts

NOTES

- WARNING – Risk of fire or electric shock.
- WARNING - It is recommended that installation be performed by a certified electrician.
- All electrical connections must be in compliance with local codes, ordinances or the national electrical code (NEC). Contact your municipal building department to learn about your local codes, permits and/or inspections.
- Do not connect this Luminaire to an electrical system that does not provide means for equipment grounding. Never use a fixture in a two-wire system that is not grounded.
- If dimming functionality is included, use only with Litesheet approved dimmers.
- Do not use excessive force when manipulating cables and wires.
- WARNING – To prevent wiring damage or abrasion, do not pinch wires between surfaces.
- WARNING – If Luminaire is rated for retrofitting, do not connect Luminaire kit to the lamp ballast or the lamp holders.
- WARNING – Only connect Luminaire to the voltage indicated by the Luminaire label. It is intended for direct connection to this voltage. DO NOT connect to a different or unknown voltage.
- Retrofit is designed to go into a housing that is IP rated. Installer should verify fixture is sealed after installation to prevent water damage to retrofit kit.

CONTENTS OF KIT

- ACM Plate
- (1) #10-32 Screw
- (4) #8-32 screw, lock washer, & fender washer
- LED plate
- Loctite



TOOLS AND ADDITIONAL PARTS REQUIRED

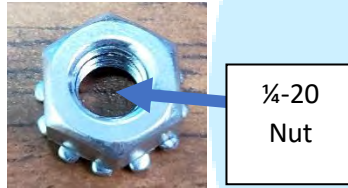
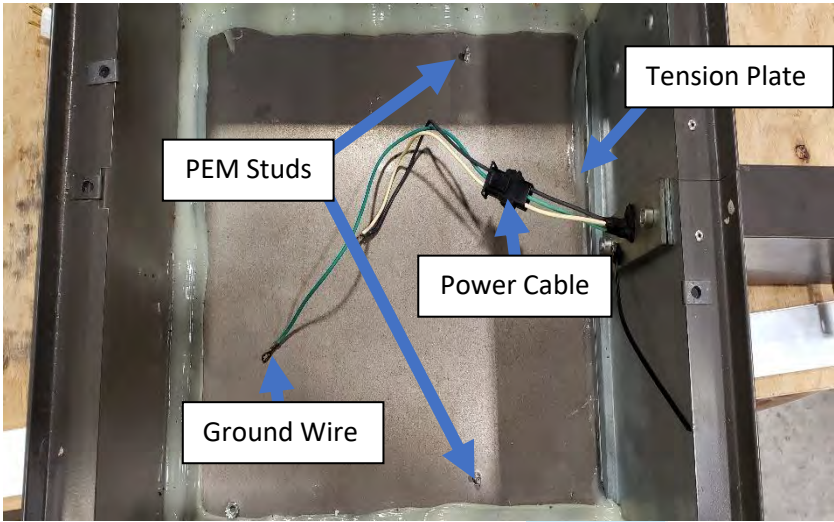
- $\frac{7}{16}$ Hex drive
- P2 Philips head drive
- Wire nuts

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Preparation

1. Turn off power source.
2. Open fixture and remove all existing hardware. Keep $\frac{1}{4}$ -20 lock nuts from PEM studs and power cable.



Installation

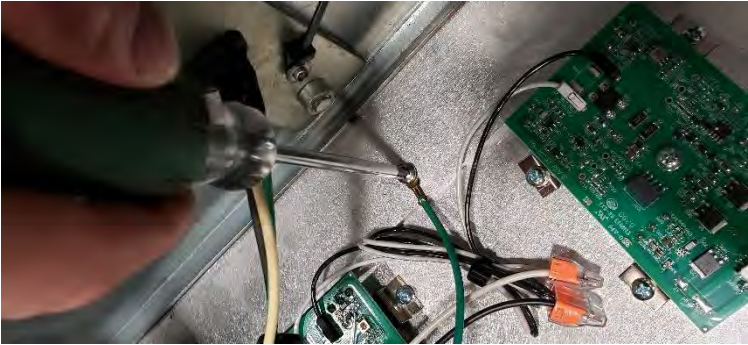
1. Attach and center ACM heatsink plate onto PEM studs. Use $\frac{7}{16}$ driver to attach the $\frac{1}{4}$ -20 locknuts saved from the Preparation section onto the PEM studs.



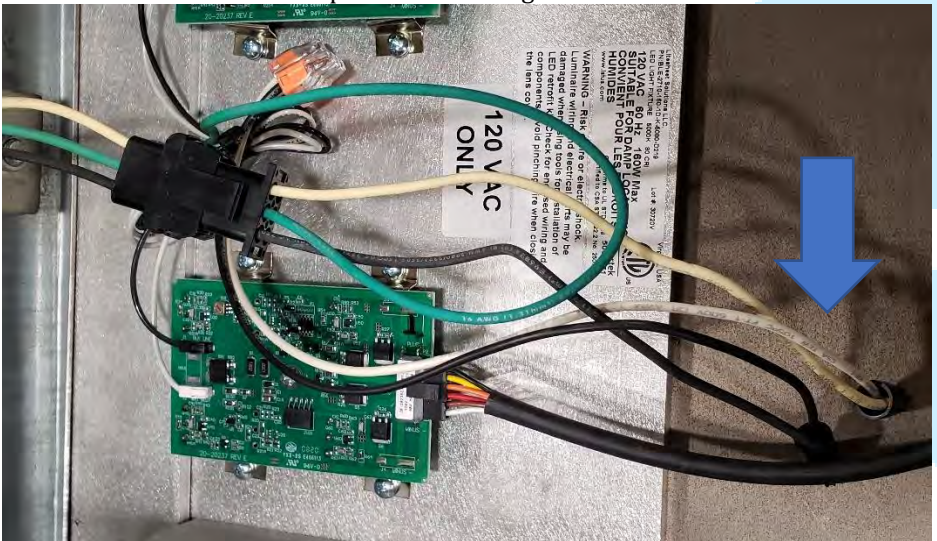
2. Adjust the cinch plate to make a tight fit to the tension plate of the fixture. Tighten the two screws on either end.



3. Attach the ground wire of the power cable to the center hole of the cinch plate using the (1) #10-32 screw and #10 lock washer in the bag provided. NOTE: Ring terminal on wire may be smaller than screw. Use force if needed to insert the screw.



4. Connect the solid wires from the ACM plate to the incoming power wire on the power cable using wire nuts. Allow 6-pin cables to hang out of the fixture.



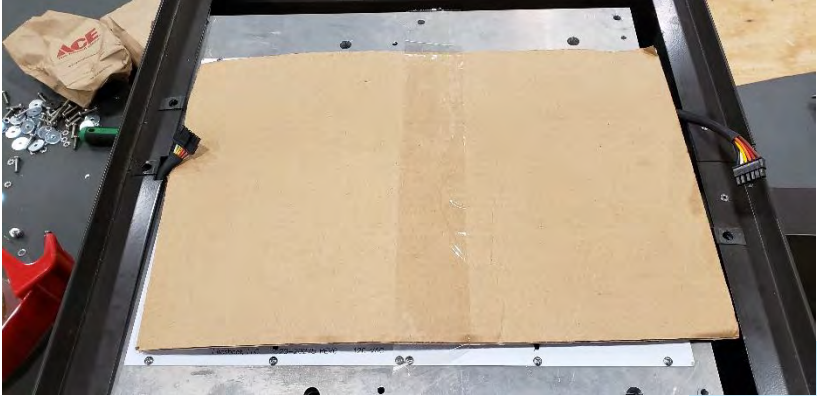
5. Pre-apply Loctite to the end of the (4) #8-32 screws in the parts bag provided. in the parts bag provided.



6. Lineup the LED plate by holding it in place on the cardboard as shown. Attach the LED plate with the (4) #8-32 screws, (4) #8 lock washers, and (4) #8 fender washers.



7. Remove the cardboard. Attach the 6-pin connectors to the LED boards firmly, verifying the latch engages.



8. Close up fixture. Restore power to fixture.

