

R-XPD + R-XAR

AMERLUX RETROFIT INSTALLATION INSTRUCTIONS



IMPORTANT: Read **ALL** instructions before starting installation.

CAUTION: To reduce risk of shock, **TURN OFF ELECTRICAL SUPPLY** before installing/servicing fixtures.

WARNING: Fixture must be installed in accordance of National Electrical Code (NEC) and/or any local codes. *Failure to do so may result in serious injury and/or damage to the fixture.*

RECOMMENDED TOOLS

Screw Driver
(Phillips)



Wire
Cutter/Stripper



Wire Nuts



SAFETY INSTRUCTIONS

- Observe and follow all label information and instructions regarding dry, damp and wet location listings, proper lamp type and wattage, warnings of installation near combustible materials and/or insulation.
- Turn off power at circuit breaker before attempting to install or perform maintenance on the fixtures.
- **WARNING: RISK OF FIRE OR ELECTRIC SHOCK.** Luminaire wiring and electrical parts may be damaged when drilling for installation of LED retrofit kit. Check for enclosed wiring and components. LED retrofit kit installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation, and contact a qualified electrician.
- Install this kit only in luminaires that have the construction features and dimensions shown in the drawings and where the input rating of the retrofit kit does not exceed the input rating of the luminaires.
- Only the open holes indicated in the 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. Do not make or alter any other open holes in an enclosure of wiring or electrical components during kit installation.
- **WARNING:** To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- This retrofit kit is accepted as a component of a luminaire where the suitability of the combination shall be determined by authorities having jurisdiction.

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ORIGINAL PRODUCT REMOVAL + INSTALLATION INSTRUCTIONS

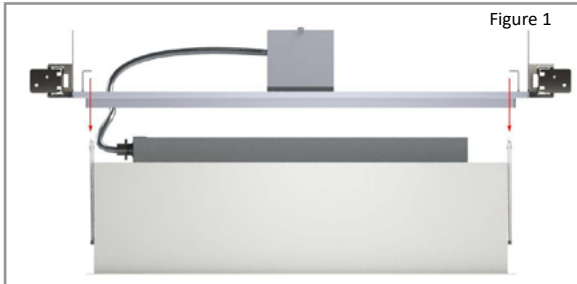


Figure 1

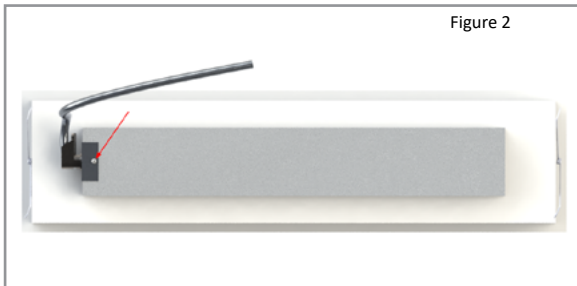


Figure 2

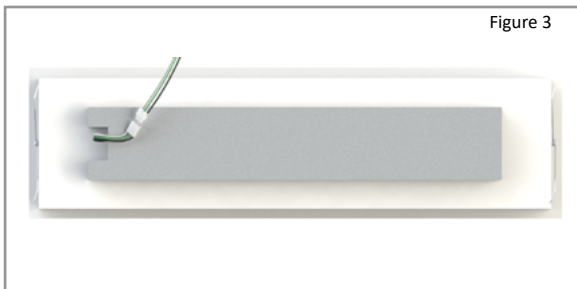


Figure 3

- Remove obsolete assembly from the frame by pulling the housing down and pinching the two spring clips inward, releasing the housing from the frame (*Figure 1*)
- Using a Phillips screwdriver, remove the screw holding the flex-conduit bracket to the wiring box to expose quick connectors (*Figure 2*)
- Pull apart quick connectors, and place obsolete housing aside (*Figure 3*)
- Open junction box to unwire the thermal protector from the circuitry. Rewire the Line (black) and Neutral (white) using wire nuts (*Figure 4*)
- Remove connector from leads coming from the currently installed ceiling frame and replace with compatible connector (male and female) provided by Solais (plugged into housing assembly) (*Figure 5*)
- Make connection to Solais R-XPD/R-XAR using the updated connector from the previous step (*Figure 6*)

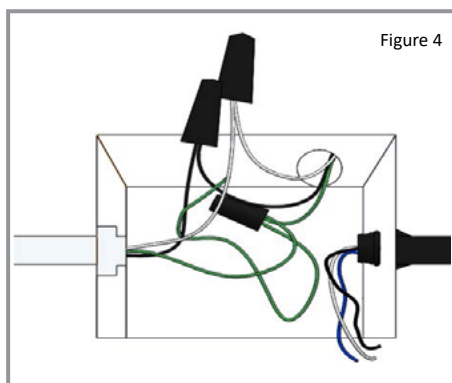


Figure 4

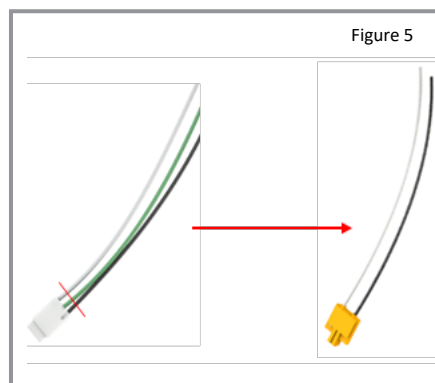


Figure 5

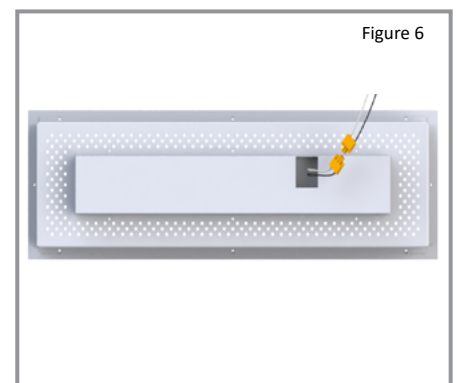


Figure 6

R-XPD + R-XAR

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Installation Instructions

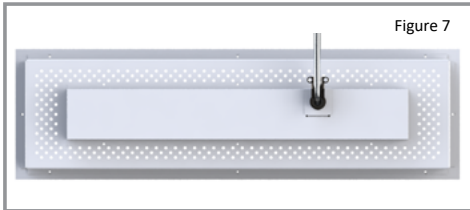


Figure 7

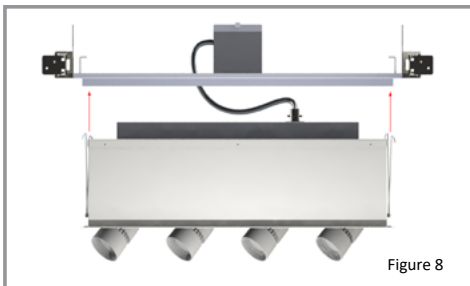


Figure 8

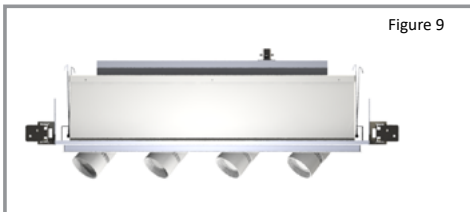
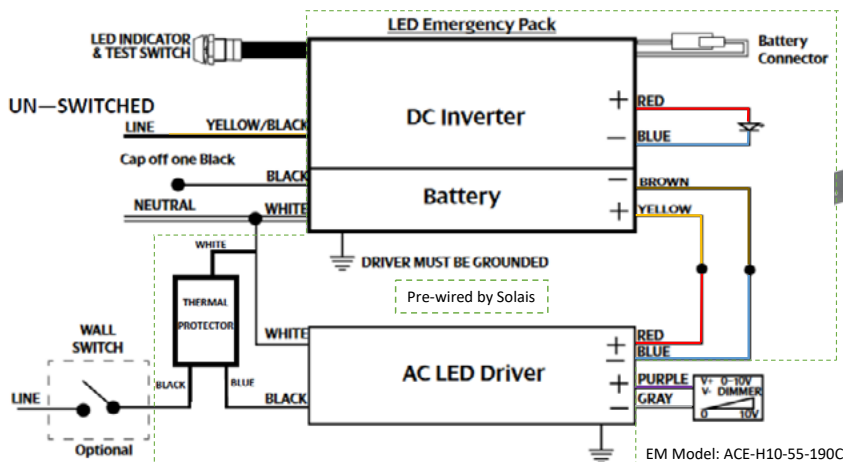


Figure 9

- Place flex-conduit bracket into open slot of the wiring box and secure using existing screw (*Figure 7*)
- Pinch the two spring clips located on the sides of the XPD/XAR and secure housing to the installed frame (*Figure 8*)
- Push housing up into the ceiling until the trim is flush with the ceiling (*Figure 9*)

EM Battery Back-Up

FIGURE 2



Emergency Backup Components Shown

