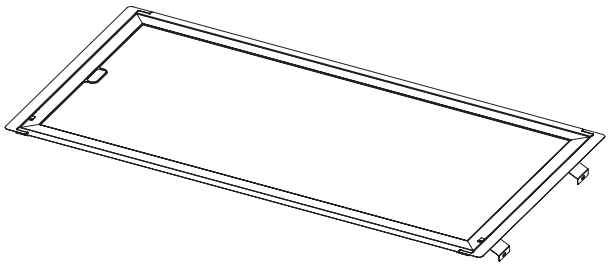
LPR-BL™ Series

Slim LED Panel Retrofit Kit - Sensor Ready

Includes: LPR-BL-14UX-32/8CT G6 (SR/RC),
LPR-BL-22UX-32/8CT G6 (SR/RC),
LPR-BL-24UX-43/8CT G6 (SR/RC),
LPR-BL-24UX-43/8CT G6 (SR/RC)-EM1200



INSTALLATION INSTRUCTIONS

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

WARNING

FAILURE TO FOLLOW THESE INSTRUCTIONS AND WARNINGS MAY RESULT IN SERIOUS INJURY OR DAMAGE TO PROPERTY

For your safety, thoroughly read these instructions and warnings in their entirety prior to installing or servicing this product. These instructions do not attempt to cover all installation and maintenance circumstances. If you do not understand these instructions or if additional information is needed, please contact your Aleo Lighting customer service.

WARNING

RISK OF FIRE OR ELECTRIC SHOCK

This product must be installed and serviced by a professional electrician in accordance with applicable federal, state, and local laws, regulations, and electrical code. If not qualified, do not attempt installation of this product. Contact a qualified electrician.

WARNING

RISK OF FIRE, ELECTRIC SHOCK, or PERSONAL INJURY

To avoid risk of electrical shock, turn off power before installing or servicing.

Verify that supply voltage is correct by comparing with the input voltage on the luminaire label.

Make all electrical and ground connections in accordance with NEC and any applicable code requirements

WARNING

RISK OF PERSONAL INJURY

To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects

Do not make or alter any open holes in any of the enclosures with wiring or electrical components during installation.

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

WARNING

This luminaire is made for permanant installation in ordinary (non-hazardous) locations in accordance with NEC code and all applicable local and federal codes. Do not use in applications with limited ventilation or high ambient temperature enclosures.

Suitable for Dry or Damp Location.

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.

WARNING - Risk of fire or electric shock. Install this kit only in luminaires that have the construction features and dimensions shown in the photographs and/or drawings.

Installers should examine all parts that are not intended to be replaced by the retrofit kit for damage and replace any damaged parts prior to installation of the retrofit kit.

WARNING – Risk of fire. Input ratings may need to be determined based on any configuration(s) permitted by the installation instructions. Regardless of the configuration(s) of the retrofit kit, the input ratings of the overall retrofit kit shall not exceed the marked input ratings of the host luminaire.

Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

The installation instructions shall indicate the environmental locations the retrofit kit is suitable for Damp locations.

Prior to installation, review all environmental designation locations in the retrofit kit installation instructions. Only install in damp or wet locations if so indicated in the installation instructions.

THE RETROFIT KIT IS ACCEPTED AS A COMPONENT OF A LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY AUTHORITIES HAVING JURISDICTION. PRODUCT MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN IN ACCORDANCE WITH THE APPLICABLE AND APPROPRIATE ELECTRICAL CODES. THE INSTALLATION GUIDE DOES NOT SUPERSEDE LOCAL OR NATIONAL REGULATIONS FOR ELECTRICAL INSTALLATIONS.

For use with fluorescent, type IC, type non-IC luminaires.

Suitable for closed type luminaires.

Suitable for use with luminaires with maximum 1 lamp.

Suitable for use with luminaires with in the table of page 2A lamp compartment.

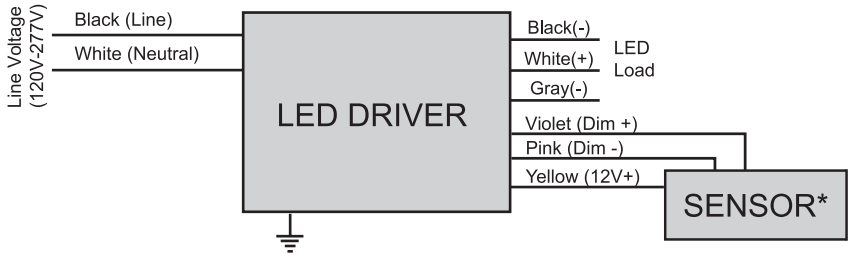
TURN OFF POWER BEFORE INSTALLING

Electrical Connection

1. Connect BLACK (line) driver lead to voltage supply Line position (HOT).
2. Connect driver WHITE lead to the NEUTRAL supply position.
3. Connect the GREEN ground lead to the supply ground lead.

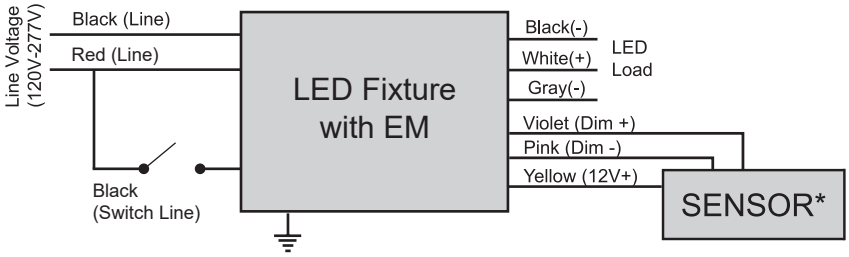
*Sensor is optional

Wiring Diagram



EM BBU Wiring Diagram*

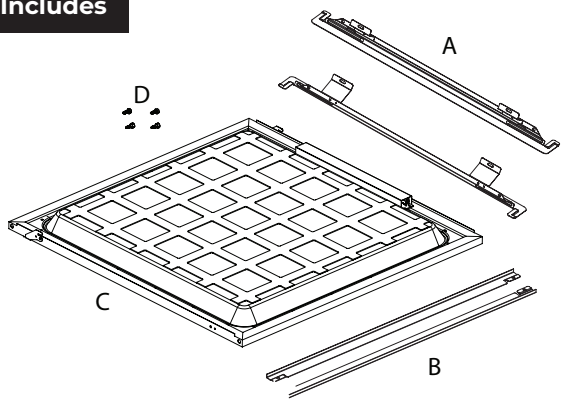
*-EM1200 Version only



When the normal power is on, pressing the test switch activates Emergency Mode. During Emergency Mode, press and hold the test switch for 3 seconds to cut off Emergency Power.

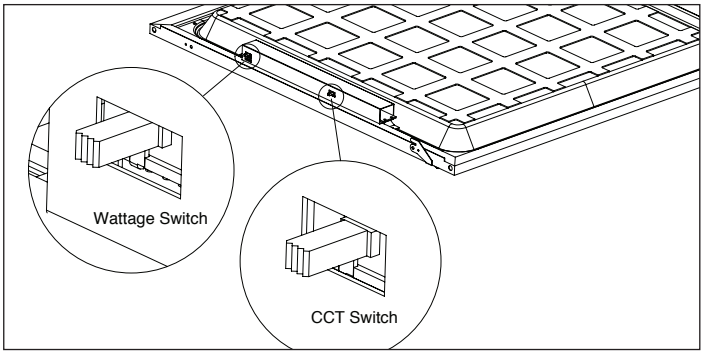
TO INSTALL:

Kit Includes



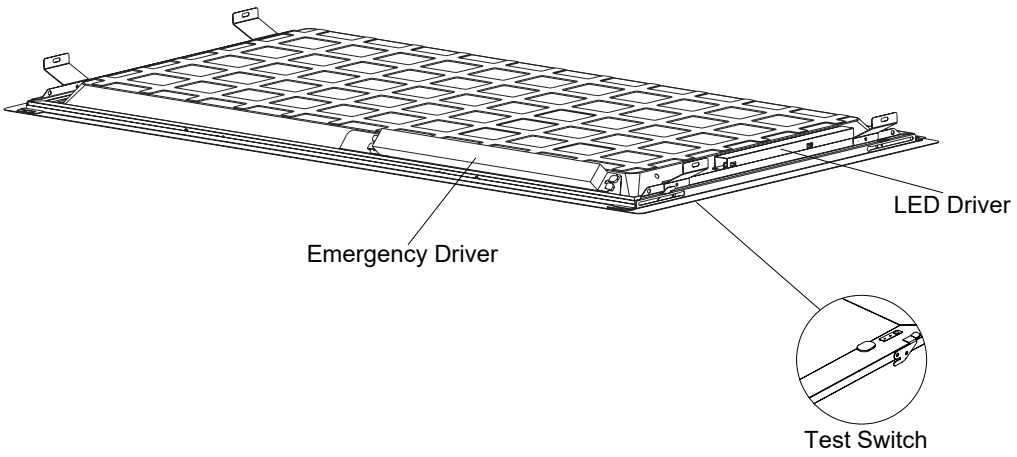
A: End Brackets (2x)
B. Side Brackets (2x)
C. Door Assembly Body (1x)
D. Self-tapping Screws (4x)

FIELD ADJUSTABLE WATTAGE & CCT



There are 5 CCT options (2700K/3000K/3500K/4000K/5000K) and 4 wattage options. Slide the respective switches as shown above left or right to select the desired CCT and wattage output.

EMERGENCY BACKUP BATTERY (-EM1200 VERSION ONLY)

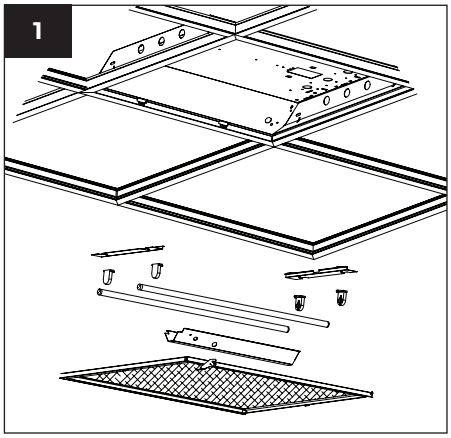


FIXTURE INSTALLATION

CAUTION: TURN OFF POWER BEFORE INSTALLING

DO NOT TOUCH LED

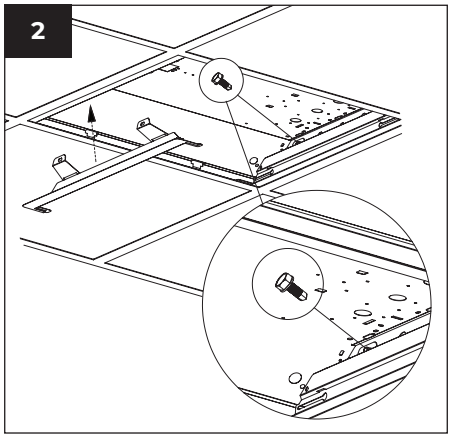
1



Remove existing hardware, including lens/lens frame, parabolic louver, reflectors/ballast covers, brackets, lamps, and lamp holders. Leave supply and grounding leads in place.

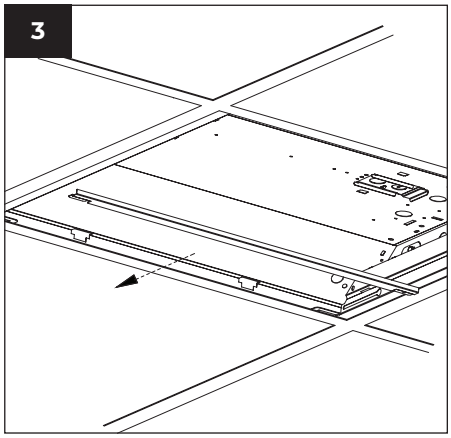
NOTE: Follow all federal and local regulations when disposing of lamps and removed components.

2



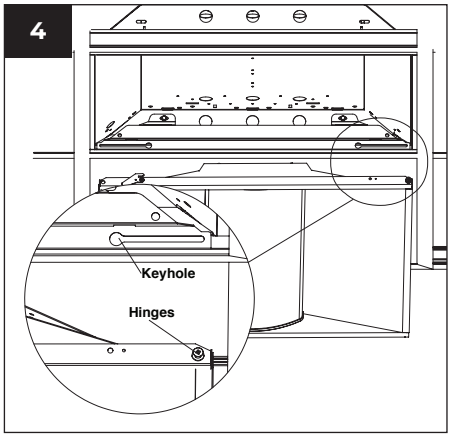
Install LED panel end brackets to each end of the existing fixture by gently lifting the fixture and placing the LED panel end brackets between the fixture and T-grid.

3



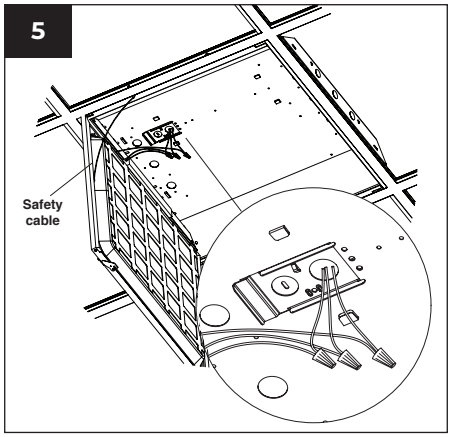
If the gap between the fixture and T-grid is not acceptable, install the LED panel side brackets between the fixture and T-grid. The side brackets include two tabs that fit into the slots on the end brackets. Secure the LED panel brackets to the existing fixture using the provided #8 x 1/2" self-drilling screws.

4



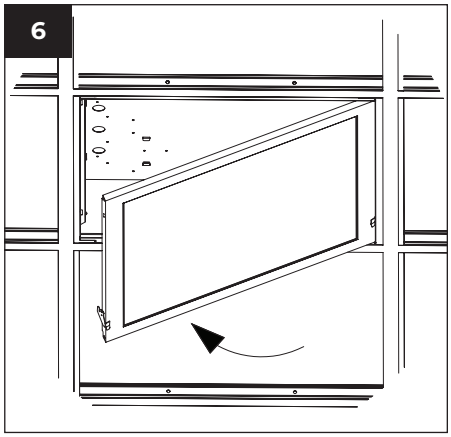
Position the door assembly body onto the keyholes of the end brackets, then slide the door assembly body horizontally to the end of the slots.

5



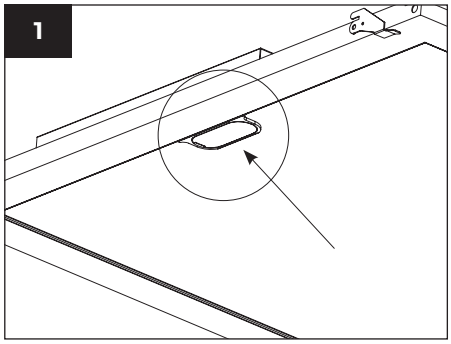
Hook the safety cables into the holes located on the end brackets. Then, connect wires as shown in Wiring Diagram on Pg. 2.

6

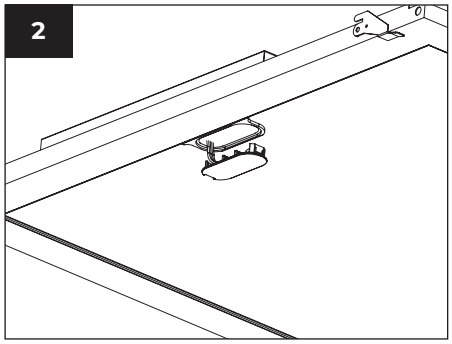


Secure the door assembly body by locking the latches riveted to each end of the assembled door frame.

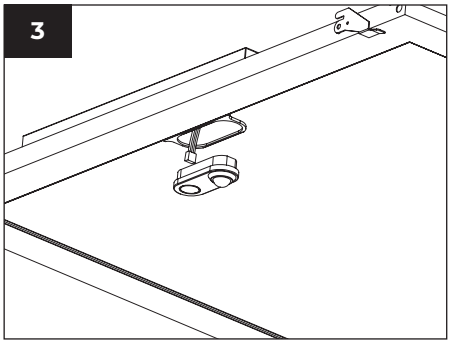
SENSOR INSTALLATION



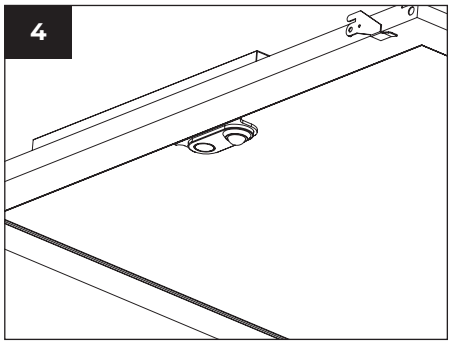
Locate the sensor cap.



Remove the sensor cap. Sensor wiring harness connector is attached to the cap.



Mate the wiring harness connector with the connector on the sensor and push, ensure solid connection. Push and lock the sensor into the fixture hole.



Secure the sensor to complete installation.

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