

# Installation Instructions

## Alphalite LED Linear Retrofit Kit

RXL - 4

RXL - 8



### WARNING Risk of Fire and Electric Shock.

The luminaire must be installed by a qualified electrician in accordance with applicable federal, state, and local laws and codes. Installation requires knowledge of luminaire electrical systems and installer should be familiar with the operation of this product. If not qualified, do not attempt installation; contact a qualified electrician. Manufacturer assumes no responsibility for the improper installation of this luminaire. When installing the fixture, drilling may damage luminaire wiring and electrical parts. Check for wiring and components in enclosure before drilling. Turn OFF power before installation or attempting any maintenance.

To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects. When installing this kit, drilling may damage luminaire wiring and electrical parts. Check for wiring and components in enclosure before drilling.



### WARNING Risk of Burn.

Disconnect power and allow fixture to cool before handling or servicing.



### WARNING Risk of Personal Injury.

Wear gloves or proper handling protection to prevent cuts or abrasions when handling and maintaining this product. This equipment may have sharp edges. To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards read all warning and instructions included with and on the fixture box and all fixture labels. Avoid direct eye exposure to the light source while it is on.

### NOTICE

- Green ground screw provided in proper location. Do not relocate.
- Minimum 90°C supply conductors.
- Suitable for Dry or Damp location.
- Specifications and dimensions subject to change without notice.



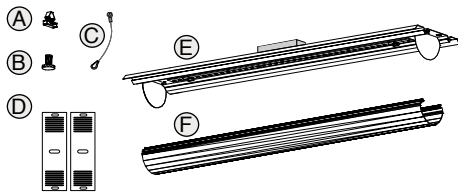
Contact manufacturer with any questions or concerns regarding installation of this luminaire.

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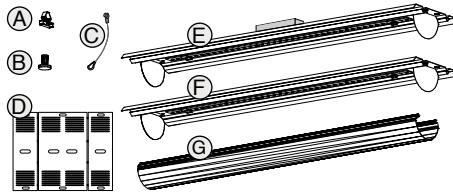
## LED Linear Retrofit Kit

### RXL-4 Kit Contents:



- A. (2) Quarter Turn Fasteners
- B. (4) Tek Screws
- C. (2) Lanyards
- D. Bracket
- E. LED Gear Tray with driver
- F. Diffuser Lens

### RXL-8 Kit Contents:

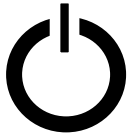


- A. (4) Quarter Turn Fasteners
- B. (6) Tek Screws
- C. (4) Lanyards
- D. Bracket
- E. LED Gear Tray with driver
- F. LED Gear Tray
- G. (2) Diffuser Lens

### Tools Required:

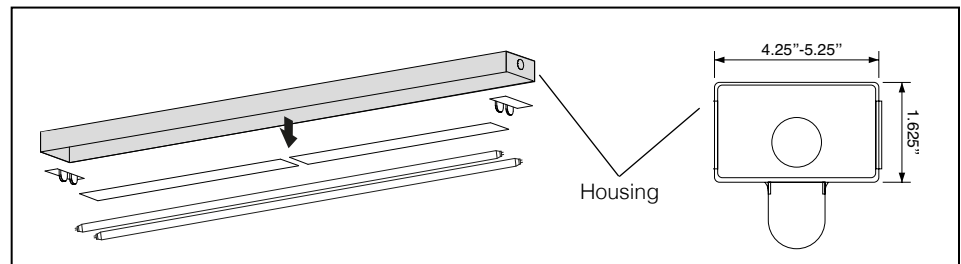
Drill  
Pliers  
Cutters  
Gloves  
Screw Driver

### Remove Existing Fixture Contents



#### **WARNING**

RISK OF PERSONAL INJURY, FIRE OR ELECTRIC SHOCK  
Turn OFF power before installation.



1. Turn Power OFF.

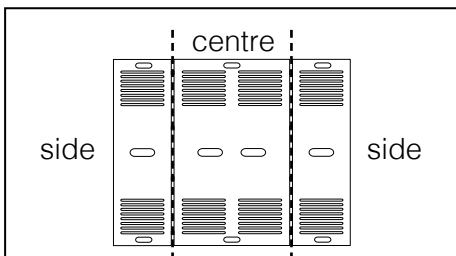
2. Remove original lamps, ballast cover, and sockets.

#### **WARNING**

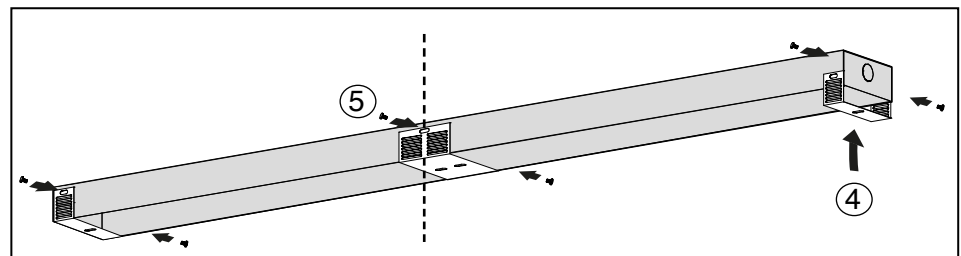
RISK OF FIRE OR ELECTRIC SHOCK

Luminaire wiring and electrical parts may be damaged when drilling for installation of LED retrofit kit.  
Check for enclosed wiring and components.

### Installation of Brackets



3. Break **bracket** into three pieces.  
(Side bracket for RXL-4 and 8.  
Centre bracket for RXL-8 only)



4. Bend **brackets** to fit the original fixture housing. For RXL-8, make sure **centre bracket** aligns with the centre of the strip housing length.

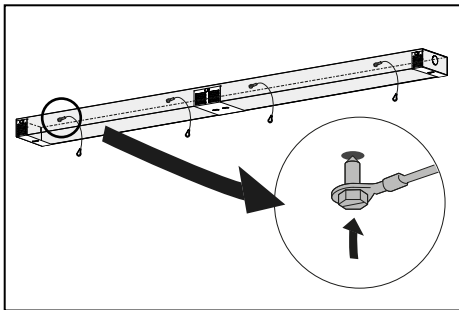
5. **Tek screw** brackets into the side of the existing strip fixture housing.

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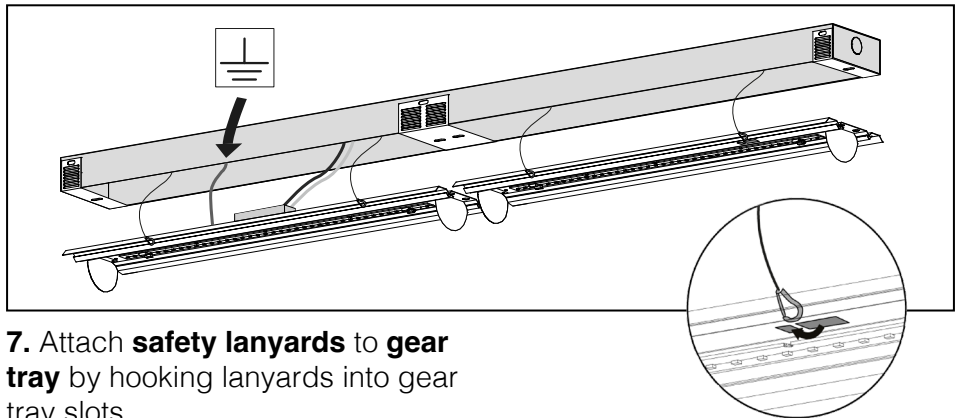
# Installation Instructions

## LED Linear Retrofit Kit

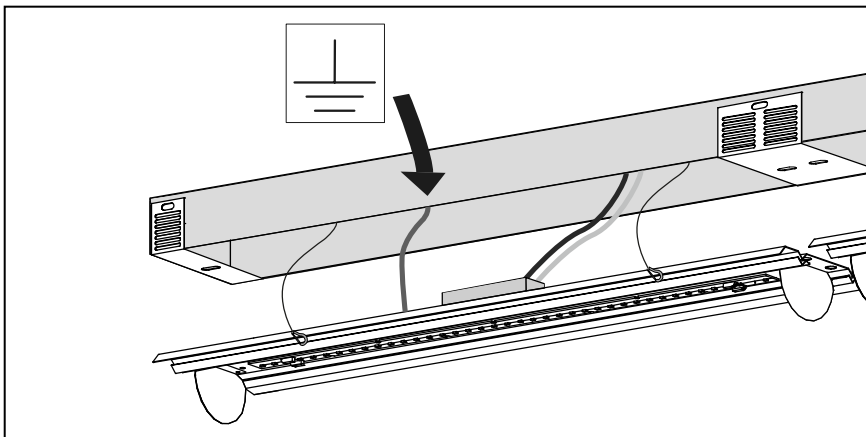
### Installation of LED Gear Tray Panel



6. Fasten **safety lanyards** to fixture by using provided **tek screws** and washers.



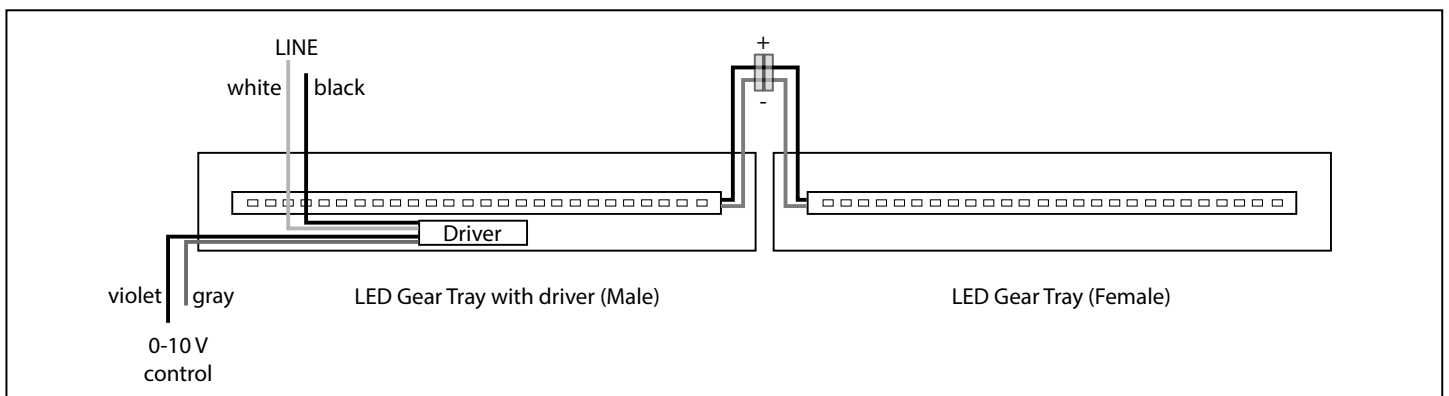
7. Attach **safety lanyards** to **gear tray** by hooking lanyards into gear tray slots.



8. Connect ground cable to incoming ground lead from conduit.

#### **WARNING**

RISK OF PERSONAL INJURY  
Proper grounding of metal parts is required for safety.



9. For RXL-8, wire the **driver-less gear tray** with the **driver-on-board gear tray** by plugging the (2) connectors (male and female) together.

10. Connect AC input mains to input leads of **driver** located on the back of **LED gear tray**. Make sure to employ connectors in accordance with applicable federal, state, and local laws, regulations, and codes.

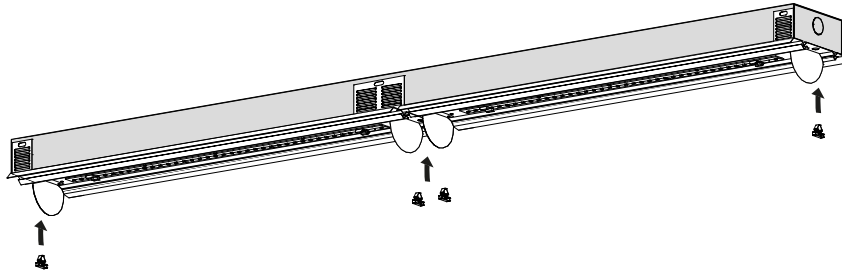
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## LED Linear Retrofit Kit

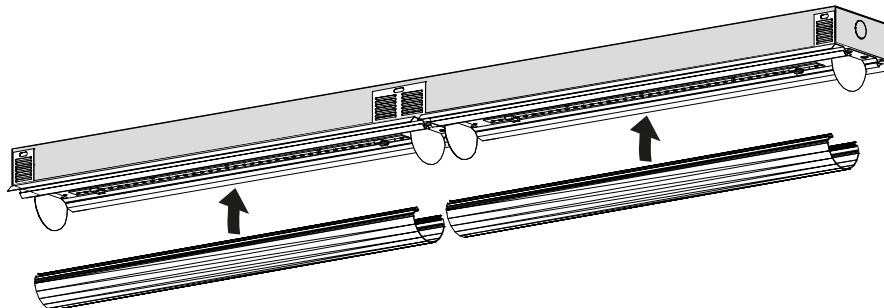
### **WARNING**

Only those open 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.



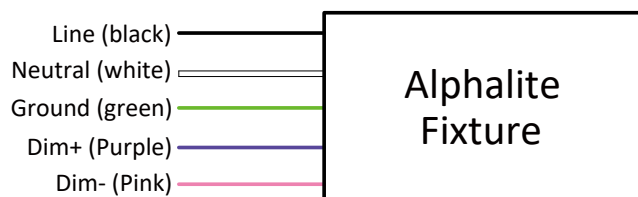
**11.** Secure the **LED gear tray** to the **brackets** by inserting the **quarter turn fasteners** into the holes and turning 90 degrees. Use pliers if needed.

### **Installation of Diffuser Lens (E)**



Start on one end and slide **lens** into lip of **end cap**. Squeeze **lens** until the lip is under the tabs of the **gear tray** (it might be necessary to gently push the end cap outwards for the lens to slide into.) To ensure lens is locked in place, gently press the face of the lens.

### **Wiring Diagram:**



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