



**READ ALL WARNINGS AND INSTRUCTIONS PRIOR TO INSTALLING  
THE KOBI LED TROFFERS TO ENSURE SAFETY AND PROPER OPERATION**

**DO NOT** make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

**DO NOT** install damaged product.

**INSTALLERS** make certain no bare wires are exposed outside the wire nut connectors.

**WARNING** - Risk of fire or electric shock. LED Troffer installation requires knowledge of electrical fixture systems. If not qualified, do not attempt installation. Contact a qualified electrician.

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

**WARNING** - This fixture must be installed in accordance with the NEC or your local electrical code. If not familiar with these code and requirements, consult a qualified electrician.

**WARNING** - Uniform support is vital; for safety purposes, each panel must have support wire attached.

**WARNING** - Risk of fire. This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved

- **Suitable for Damp Locations**
- **Recessed Luminaires for Type IC**

This complete luminaire includes:  
1 Kobi Electric LED Troffer Fixture  
1 Installation Instruction Sheet

**INSTALLATION INSTRUCTIONS:**



**DANGER - RISK OF SHOCK**  
DISCONNECT POWER BEFORE INSTALLATION

1. Turn off the circuit breaker and AC switch before working on the light fixture.
2. Lay down one side of the fixture and gently lay the other side of the fixture into grid. (Figure A)
3. Open the seismic hangers on each side of the fixture to 180° so that they will engage the ceiling grid frame. (Figure B)
4. Bend up the Safety Wire Clip and thread the wire through the tab. (Figure C)
5. Finish and tie off as for any other suspended or grid fixture. (Figure C)
6. Remove knockout, and feed power leads through hole.
7. Connect fixture wires to building wires in the following sequence: white fixture wire to white (neutral) wire, black fixture wire to black (hot) wire, and green ground wire to bare (ground) wire. Use push-in type wire connectors or wire nuts.

Figure A

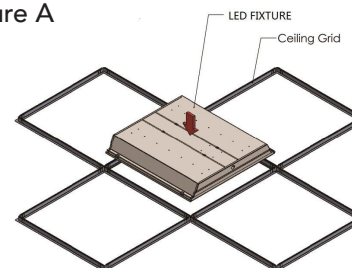


Figure B

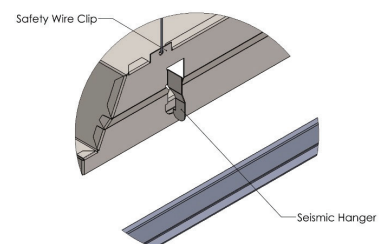
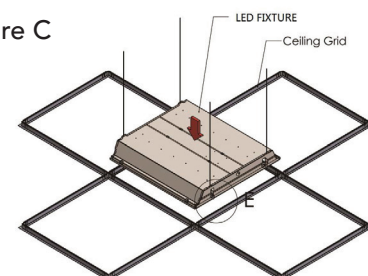


Figure C





**SEE REVERSE SIDE** - READ ALL WARNINGS AND INSTRUCTIONS PRIOR TO INSTALLING THE KOBI LED TROFFER TO ENSURE SAFETY AND PROPER OPERATION

#### SURFACE MOUNT INSTALLATION INSTRUCTIONS:



#### **DANGER - RISK OF SHOCK**

DISCONNECT POWER BEFORE INSTALLATION

1. Turn off the circuit breaker and AC switch before working on the light fixture.
2. Rough cut in a junction box hole.
3. Loosely secure the surface mount frame to the ceiling. Ensure the frame is square prior to fully securing the frame to the ceiling. Slots will allow for adjustment once the frame is attached.(Figure A)
4. Secure end plate with two #10-32 nuts. (Figure B)
5. Prior to wiring fixture, secure safety cables at each end of the fixture by attaching to the existing protruding screws and secure with #10-32 nuts. (Figure C)
6. Make all electrical connections according to local code and make sure safety cables are secure. When installed properly, the fixture will rest on the bottom flange of the surface mount kit between locating tabs on all four corners. If the fixture is not resting properly on the bottom flange, lift it up and adjust it until it rests into place. (Figure D)
7. Attach the final end plate in the same manner as the first end plate. Secure with two #10-32 nuts by lifting the edge of the fixture out of the way in order to thread onto the studs on the end plate. (Figure E)

Figure A

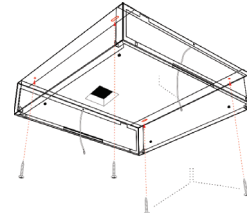


Figure B

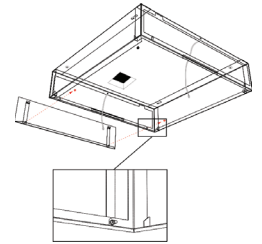


Figure C

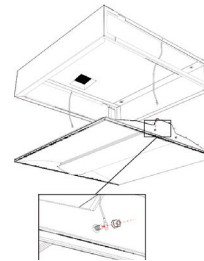


Figure D

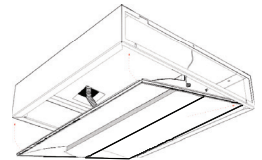
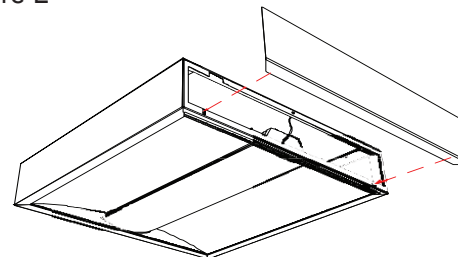


Figure E



#### Wiring Diagram

- Dimming wires to 0-10V IEC Compliant Control
- Lead Wires to LED Load

To Source  
120v-277v

Black (Line)  
White (Neutral)  
Green (Grd)

LED DRIVER

Purple (Dim +)

Grey (Dim -)

Blue (-)

Red (+)