



# INSTALLATION INSTRUCTIONS

VOL22-3C-XXK-U | VOL22-3CP-XXK-U

VOL24-5C-XXK-U | VOL24-5CP-XXK-U

## SAFETY PRECAUTION:

To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards read all warnings and instructions included with and on the fixture box and all fixture labels.

Before installing, servicing, or performing routine maintenance upon this equipment, follow these general precautions.

Commercial installation, service and maintenance of luminaires should be performed by a qualified licensed electrician.

For the installation: If you are unsure about the installation or maintenance of the luminaires, consult a qualified licensed electrician and check your local electrical code.

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 an enclosure of wiring or electrical components during kit installation.

### WARNING: RISK OF FIRE OR ELECTRICAL SHOCK

Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply.

Turn off the power when you perform any maintenance.

Verify that supply voltage is correct by comparing it with the luminaire label information.

All wiring connections should be capped with UL approved wire connectors.

### CAUTION: RISK OF INJURY

Avoid direct eye exposure to the light source while it is on.

Account for small parts and destroy packing material, as these may be hazardous to children.

Risk of burns. Disconnect power and allow fixture to cool before changing bulb or handling fixture.

**GREEN GROUND SCREW PROVIDED IN PROPER LOCATION. DO NOT RELOCATE.**

**MINIMUM 90°C SUPPLY CONDUCTORS.**

**SPECIFICATIONS AND DIMENSIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.**

**SUITABLE FOR DRY OR DAMP LOCATION, TYPE IC.**

## INSTALLATION:

**ALWAYS TURN OFF THE POWER SUPPLY FROM MAIN CIRCUIT BREAKER FIRST!**

1. Bend out mounting tab 90 degrees on each corner.
2. Use side cutters to adjust each tab to height of T-grid.
3. Lay fixture into T-grid.
4. Bend tabs flush against T-grid in order to clear corner for ceiling tile.
5. Use a #8x1/4" sheet metal screw to fasten fixture to T-grid and use a hanger wire to tie off appropriately in accordance with local building codes (screws and hanger wires supplied by others).
6. Ensure that the wiring of the last fixture in the row is properly terminated. Then make all electrical connections to the fixture. Attach the wiring access cover plate.

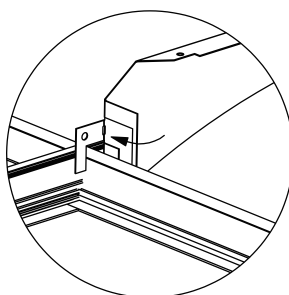


FIG. 1

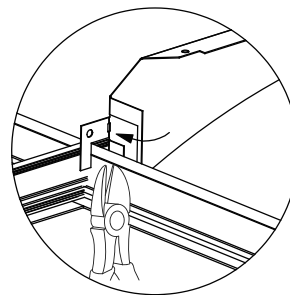


FIG. 2

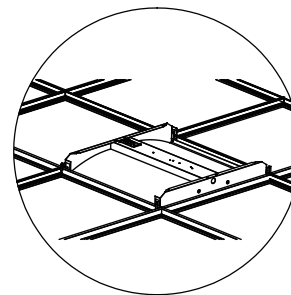


FIG. 3

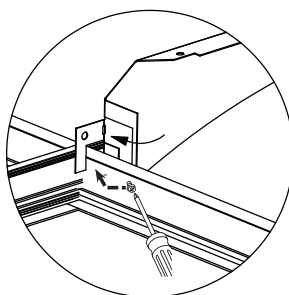


FIG. 4

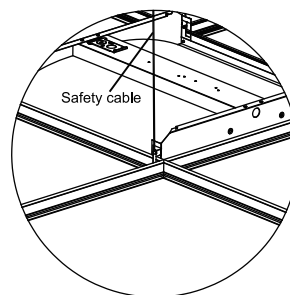


FIG. 5

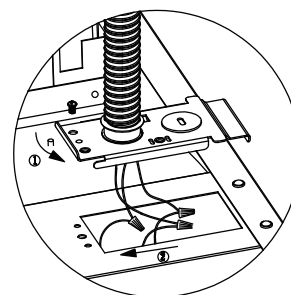
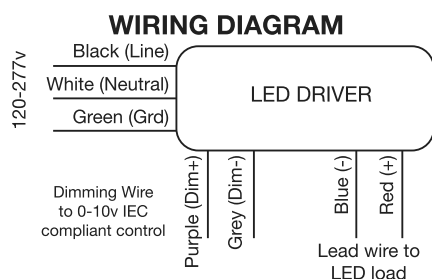


FIG. 6



## SURFACE MOUNT INSTALLATION:

**WARNING:** Risk of Electric Shock. Disconnect power at fuse or circuit breaker before installing or servicing.

**WARNING:** Risk of Fire/Electric Shock. If not qualified, consult an electrician.

**WARNING:** Risk of fire or electric shock. Luminaires wiring, ballasts, or other electrical parts may be damaged when drilling for installation of reflector kit hardware. Check for enclosed wiring and components.

**NOTE:** This product must be installed in accordance with the applicable installation code by a certified electrician, familiar with the construction and operation of the product and hazards involved.

**NOTE:** 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.

**NOTE:** To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or any sharp objects.

**NOTE:** Disconnect all power before proceeding.

1. Using the appropriate dimensions and fasteners as shown in Fig. 1, rough junction box and 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.
2. Secure end plate to one side of surface mount frame by securing clips to frame edge and rotating slots into studs on frame. Secure using two #10-32 nuts.
3. 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.
4. Make all electrical connections according to local code and make sure safety cables are secure. Angle the fixture into the bottom opening of the surface mount box. 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 shift it until it rests into place.
5. 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.
6. Installation completed. Fixture is ready to power on.

