

FPH2 SERIES Flat Panel Hybrid Fixtures

INSTALLATION INSTRUCTIONS FOR

- | | | |
|----------------|----------------|----------------|
| FPH2-1430S40-1 | FPH2-2220P40-3 | FPH2-2430S35-1 |
| FPH2-1430P40-3 | FPH2-2230S40-1 | FPH2-2430S35-3 |
| | FPH2-2230S40-3 | FPH2-2430S40-1 |
| | FPH2-2230P40-3 | FPH2-2430S40-3 |
| | FPH2-2240S40-1 | FPH2-2430P40-3 |
| | FPH2-2240S40-3 | FPH2-2430S50-1 |
| | | FPH2-2430S50-3 |
| | | FPH2-2440S35-1 |
| | | FPH2-2440S35-3 |
| | | FPH2-2440S40-1 |
| | | FPH2-2440S40-3 |
| | | FPH2-2440P40-3 |
| | | FPH2-2440S50-1 |
| | | FPH2-2440S50-3 |



WHAT'S IN THE BOX

- FLAT PANEL LED FIXTURE

WHAT YOU'LL NEED (NOT INCLUDED)

- SAFETY GLASSES
- WIRE CUTTERS
- WIRING SUPPLIES AS SPECIFIED BY CODE

To mount panel outside of T-Bar (not included):

- FPH-ACK11: Aircraft Cables for 1x4 & 2x2 panels
- FPH-ACK21: Aircraft Cables for 2x4 panels
- FPH-14SMK1: Aircraft Cables for 1x4 panels
- FPH-22SMK1: Aircraft Cables for 2x2 panels
- FPH-24SMK1: Aircraft Cables for 2x4 panels

IMPORTANT

Before installing fixture, read all instructions and retain for future reference. The important instructions and safeguards that appear in this document are not inclusive of all possible conditions and situations that may occur. It must be understood that common sense, caution, and care are factors that cannot be built into a product. These factors must be supplied by those that care and operate the fixture.

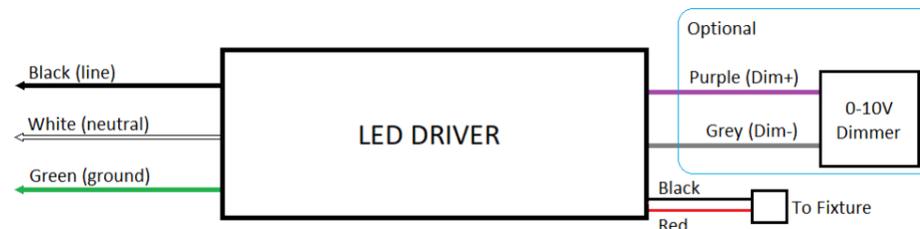
For additional information required not covered in this document please contact a local representative.



WARNING AND SAFETY

- Risk of electric shock!
- Ensure power is OFF at the electrical panel before starting installation or maintenance
- Verify site supply voltage matches luminaire product label
- Modifications to the product will void warranty
- Ambient temperature range under normal operation not to exceed -20°C to 45°C (-4°F to 113°F)
- Wiring to fixture must be in accordance with the National Electrical Code and all applicable local electrical and safety regulations

WIRING DIAGRAM

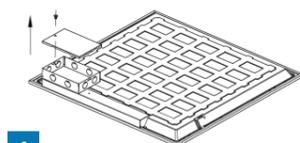


NOTE

In the case of 208 or 240 line voltage, the second hot leg connects to the White neutral lead.

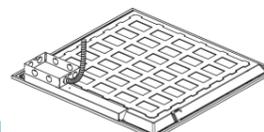
When dimming below 5% (within 3% tolerance), the synchronous dimming difference may be due to the difference of wire or amount of load, which is uncontrollable.

ELECTRICAL CONNECTIONS



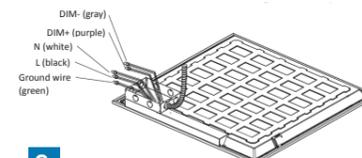
1

Open the junction box cover with a screwdriver



2

Provide power supply through an available knockout

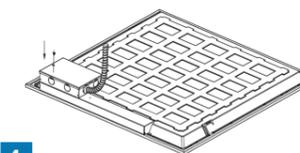


3

Connect supply power to driver with wiring connectors (supplied by others)

Connect the hot or line wire to black, the neutral wire to white and ground wire to the grounding screw

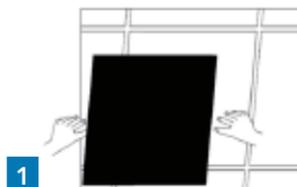
For 0-10V dimming, connect the purple wire to Dim+ and grey wire to Dim-



4

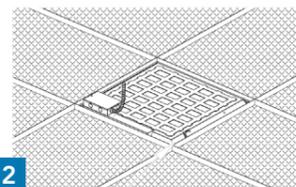
Once wiring is complete, replace cover and tighten the cover screw

INSTALLING INTO T-BAR CEILING



1

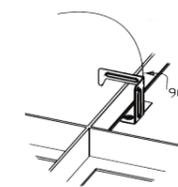
Remove the existing tile, or fixture to be replaced



2

Holding at an angle, insert the panel through the opening. Once through, lay the panel in place. Adjust as necessary to ensure a flush fit on the T-bar

Connect power to the fixture. Refer to the Wiring Diagram and Electrical Connections



3

Bend the attached support clips upward and outward above the T-bar. For additional safety, use jack chain fixed onto building structure and attach to the support clips



4

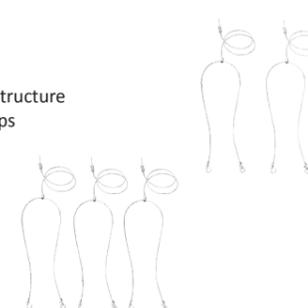
Installation is now complete

INSTALLING OPTIONAL ACCESSORIES (SOLD SEPARATELY)

Aircraft Cables

FPH-ACK11 & FPH-ACK21

1. Anchor top of aircraft cables to the building structure
2. Attach aircraft cables to upturned support clips



Surface Mount Kits

FPH-14SMK1, FPH-22SMK1, FPH-24SMK1

1. Refer to surface mount kit instructions included with kit

