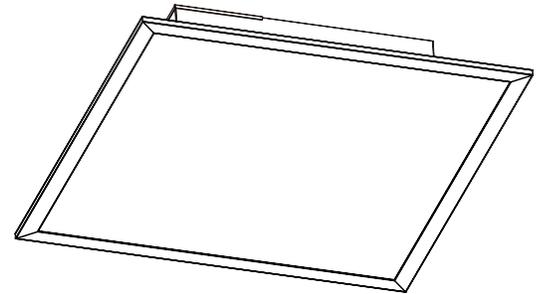


Items:
 F-L14/30/CTS/D/BL-86
 F-L22/35/CTS/D/BL-86
 F-L24/45/CTS/D/BL-86



Installation Instructions for CCT Selectable LED Flat Panels

Catalog Number	F-L14/30/CTS/D/BL-86	F-L22/35/CTS/D/BL-86	F-L24/45/CTS/D/BL-86
Electrical			
Input Voltage	120-277V	120-277V	120-277V
Frequency / Hz	50/60Hz	50/60HZ	50/60HZ
Input Amps	0.247A	0.306A	0.365A
Power Factor / THD %	0.9 / <20%	0.9 / <20%	0.9 / <20%
Watts	30W	35W	45W
Replacement Watts	2 x 32W T8	2 x 32W T8	3 x 32WT8
Dimmable	Yes, 0-10V	Yes, 0-10V	Yes, 0-10V
Lumens	3,300	4,550	5,850
Lumens Per Watt	110	130	130
CRI	>80	>80	>80
CCT	3000K	35000K	4500K
Average Rated Life (L70)	50,000 hours	50,000 hours	50,000 hours



IMPORTANT:

READ INSTRUCTIONS CAREFULLY BEFORE INSTALLING. KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE. Topaz fixtures must be wired in accordance with the National Electrical Code and all applicable local codes. Proper grounding is required for safety. THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A QUALIFIED ELECTRICIAN WHO IS FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

WARNING: RISK OF FIRE OR ELECTRIC SHOCK. Topaz Panel Light installation requires knowledge of luminaires and electrical systems. If not qualified, DO NOT attempt installation. Contact a qualified electrician.

- 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.

WARNING: Risk of fire or electric shock. Suitable for dry locations. Make sure the power is off prior to installation.

WARNING: Risk of fire or electric shock. Suitable for flat T-Grid in non-insulated ceilings. Access above ceiling required. DO NOT cover fixture with insulation liner or similar material.

WARNING: DO NOT install in unstable, loose or easily breakable surfaces.

WARNING: DO NOT let objects impact or exert force on the surface of the fixture.

Failure to comply with these instructions may result in death, serious bodily injury and property damage.

Disclaimer of Liability: Topaz assumes no liability for losses or damage of any kind due to negligent, careless and improper installation of this product.

Important: All installation instructions must be carefully read before installing product. Installation instructions must be retained for future reference.

Notice: Ground screw must not be relocated.

Note: Dimensions and Specifications subject to change without notice.

Caution

- Fixture must be connected to a 120/277V, 60HZ power supply. Failure to comply voids warranty.
- If this equipment causes interference to radio and television, Customer is advised to:
 - Relocated receiver antenna
 - Change outlet connection
 - Distance and increase the separation the equipment and receiver.
 - Consult experienced technician for help.

Warranty Information:

This product is warranted for 5 years from the date of purchase, based on 10 hours of use per day. If this product does not perform to the specifications supplied on this package, send an email or write to the address below for product return and replacement. This replacement is the sole remedy available. Liability for incidental or consequential damage is expressly excluded. Visit www.topaz-usa.com for full warranty details.

Recessed Installation

1. At the main fuse/breaker, turn off the power.
2. Remove panel from packaging by carefully opening carton.
3. Unscrew driver cover and remove knockouts to wire power supply properly. (Fig1)

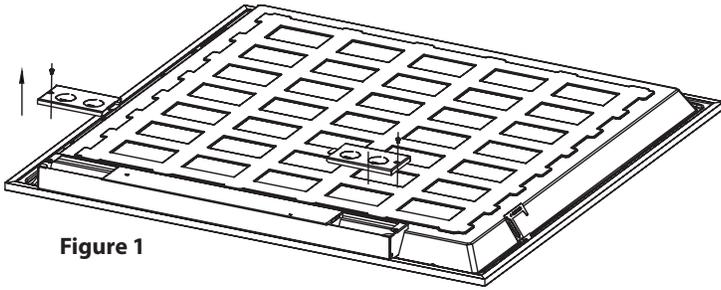


Figure 1

4. Fixture needs to pass through the grid at a 45-degree angle and the fixture needs to lay on the grid (Fig. 2)

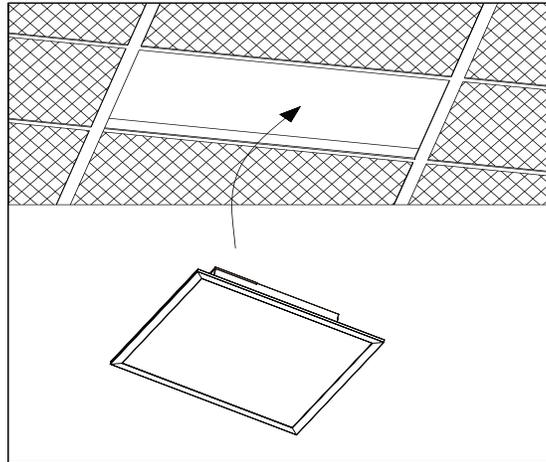


Figure 2

5. Grid clips are provided for additional retention to ceiling system. Orient 4 tabs on back of the fixture over the grid by bending tabs up 90 degrees perpendicular to back of the fixture. Next bend tabs 90 degrees towards T-GRID frame (Fig.3)

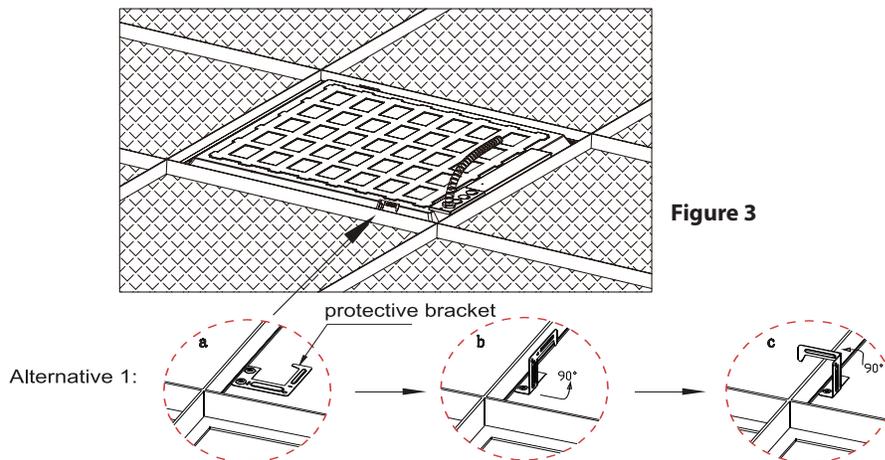


Figure 3

6. Using the open knockout bring in the supply line. Using wire nuts, attach the ground wire to the ground supply wire, the black (line) wire to the black supply wire, and the white (neutral) wire to the white supply wire. (Fig. 4)

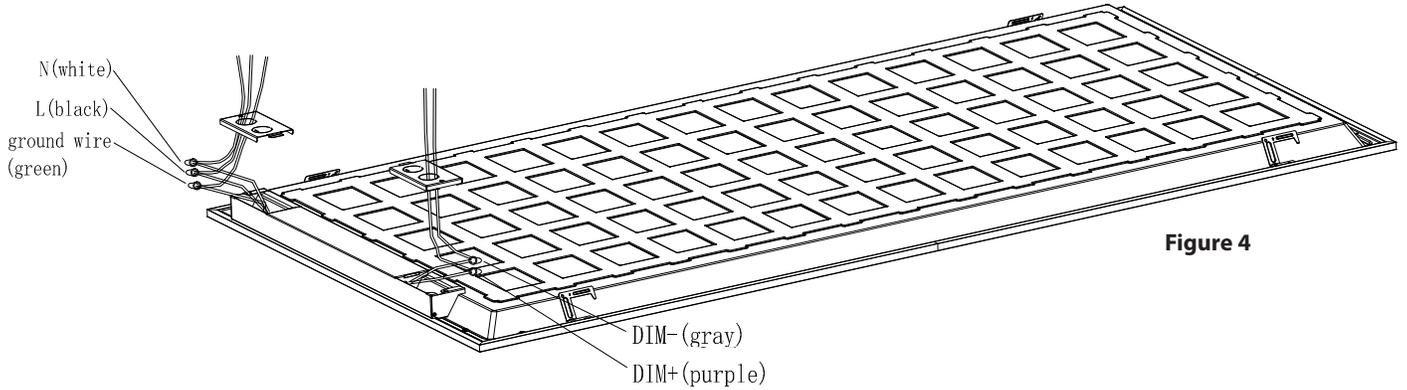
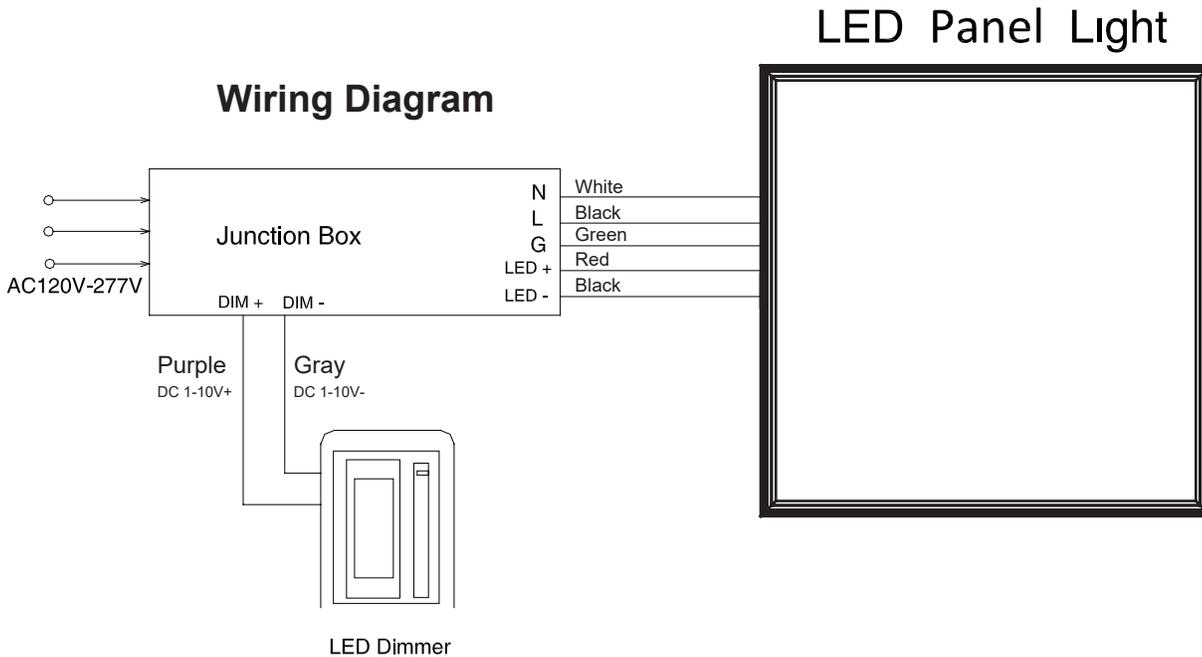
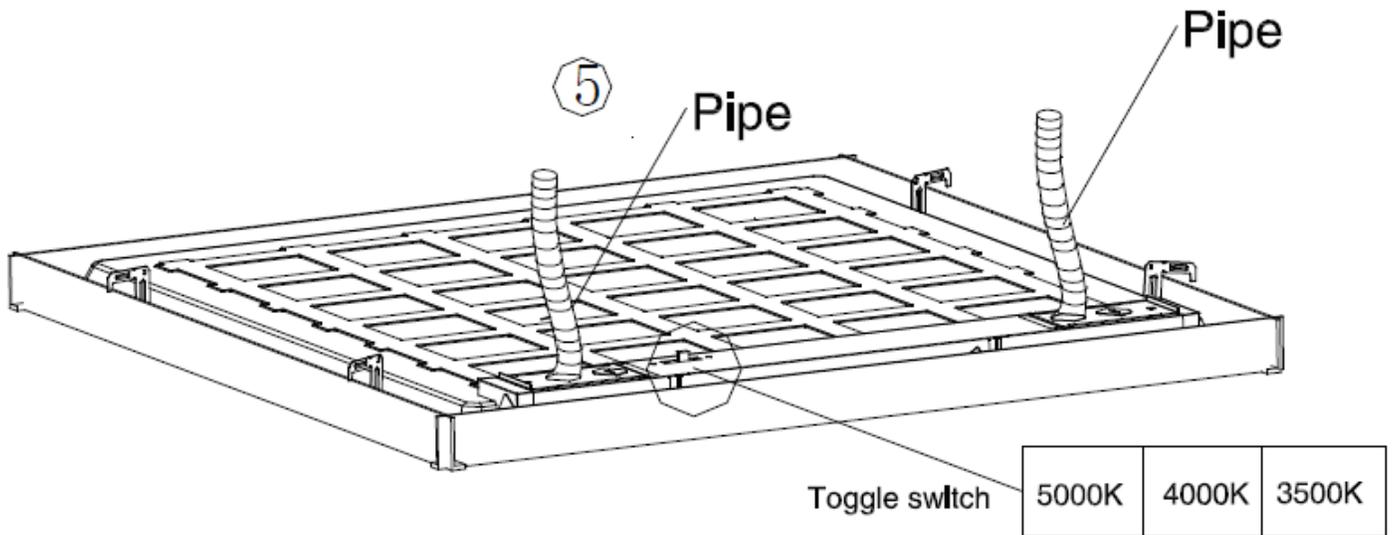


Figure 4

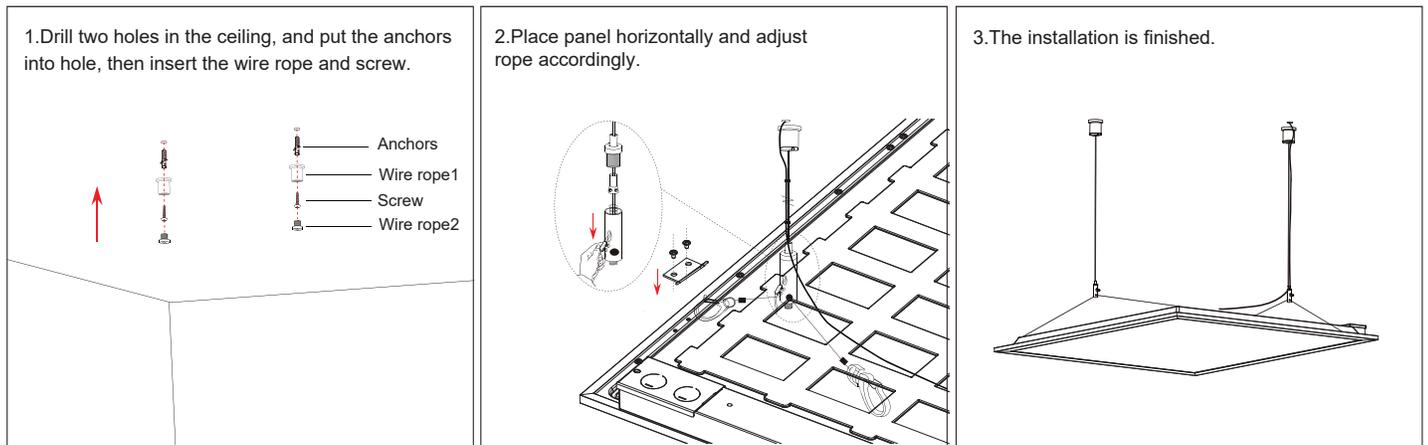


NOTE: This fixture is compatible with 0-10V dimming. If installing dimming wires, follow your dimmer instructions for wiring to the violet (Dim +) and grey (Dim --) leads.

7. Adjust/slide toggle switch to desired color temperature at the back side of the panel. (Fig. 5)

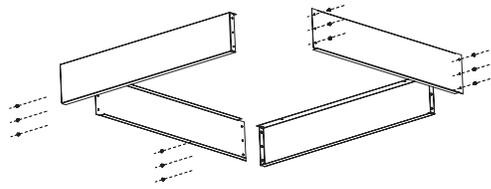


Suspension Kit Installation (cable assembly must be purchased separately)

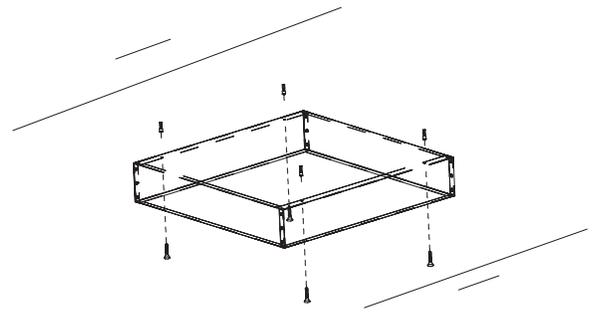


Note: 2*2ft: 2 pcs suspension kits needed for installation. 1*4ft / 2*4ft: 3pcs suspension kits needed for installation.

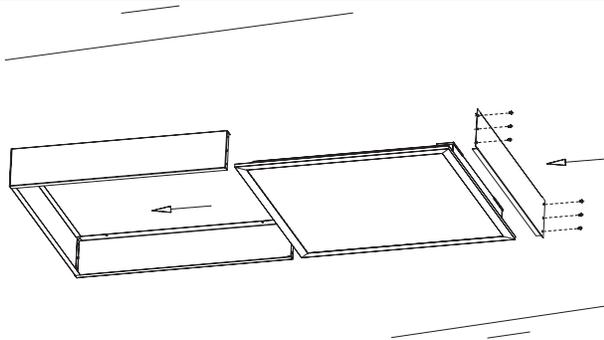
Ceiling Mounting (mounting kit sold separately)



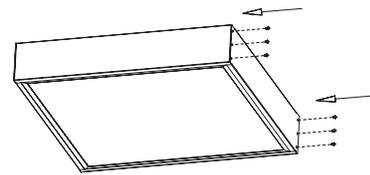
1. Put together the four-piece Surface Mount Kit by using the supplied screws.



2. Mount the Surface Mount Frame to the ceiling using supplied screws.



3. Unscrew and remove one piece of the frame and slide the flat panel fixture into the Surface Mount Frame. Make electrical connection from the incoming power to the LED fixture driver.



4. Reattach the removed side from step 3.

Items:
 F-L22/30/40K/D/BL-87 F-L22/30/40K/D/BL/EM
 F-L22/30/50K/D/BL-87 F-L22/30/50K/D/BL/EM
 F-L24/40/40K/D/BL-87 F-L24/40/40K/D/BL/EM
 F-L24/40/50K/D/BL-87 F-L24/40/50K/D/BL/EM



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