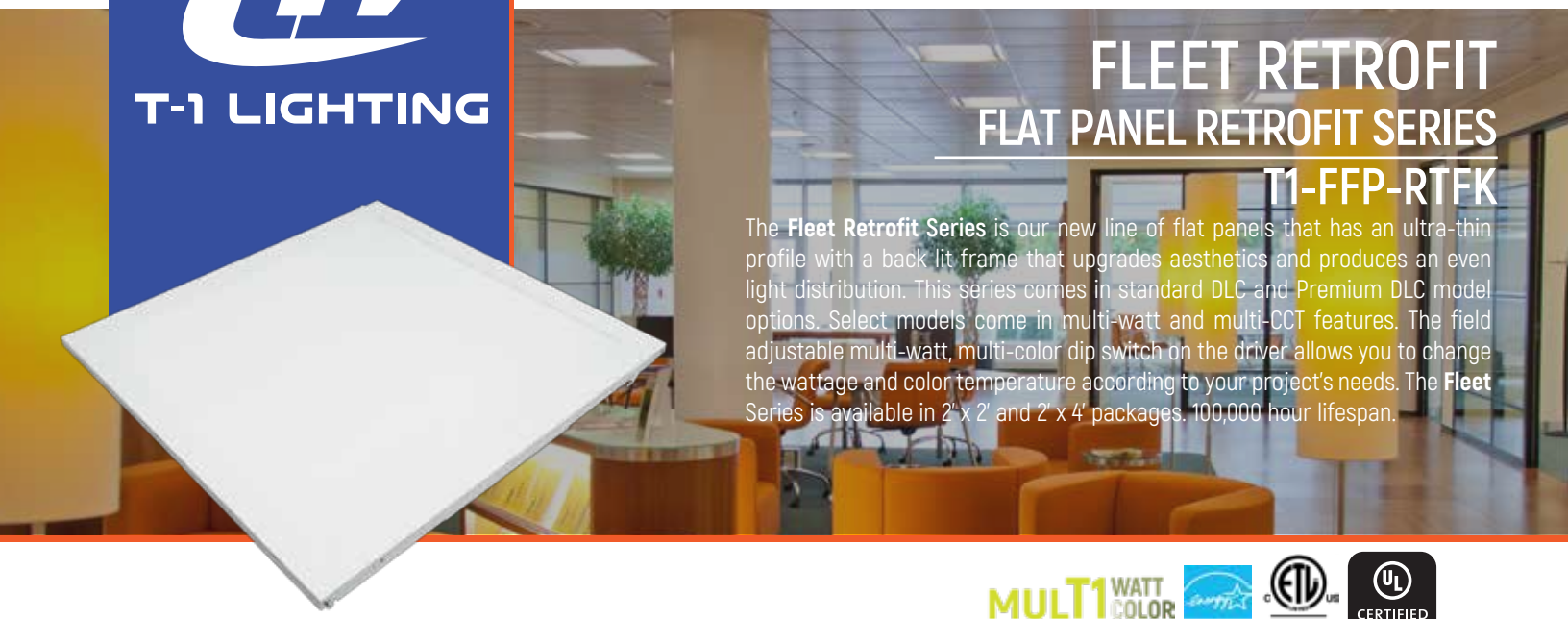
Project	Catalog #
Distributor	Type
Prepared by	Date

T-1 LIGHTING



FLEET RETROFIT
FLAT PANEL RETROFIT SERIES
T1-FFP-RTFK

The **Fleet Retrofit Series** is our new line of flat panels that has an ultra-thin profile with a back lit frame that upgrades aesthetics and produces an even light distribution. This series comes in standard DLC and Premium DLC model options. Select models come in multi-watt and multi-CCT features. The field adjustable multi-watt, multi-color dip switch on the driver allows you to change the wattage and color temperature according to your project's needs. The **Fleet** Series is available in 2' x 2' and 2' x 4' packages. 100,000 hour lifespan.

MULTI WATT COLOR TECHNOLOGY · Intertek · CERTIFIED

SPEC

Model Number	Input Power	Color Temp	Input Voltage	Lumens	Efficacy	Temp	CRI	IP
T1-FFP-RTFK14/MW25-MCCT	Multi Watt 18/22/25W	MCCT	120-277V	3125	125	-20°C ~ +50°C -4°F ~ +122°F	>80	Damp Locations
				3150	126			
				3175	127			
T1-FFP-RTFK22/MW30-MCCT	Multi Watt 20/25/30W			3750	125			
				3780	126			
				3810	127			
T1-FFP-RTFK24/MW45-MCCT	Multi Watt 35/40/45W			5750	125			
				5796	126			
				5842	127			

WARRANTY: SEVEN YEAR PARTS AND FIVE YEAR LABOR
LIFESPAN: 100,000 HOURS

ORDERING OPTIONS

Series	Form Factor	Wattage	Color Temp	Voltage	Dimming	Backup	Controls
T1-FFP-RTFK	14/	MW45	-MCCT				
T1-FFP-RTFK	**14** 1'X4' **22** 2'X2' **24** 2'X4'	**14** **MW25** 18W 22W 25W **22** **MW30** 20W 2W 30W **24** **MW22** 35W **MW30** 40W **MW38** 45W	**-MCCT** 3500K 4000K 5000K	**[BLANK]** 120-277V	**[BLANK]** 0-10V	**[BLANK]** None **EM** Emergency Battery Backup	**[BLANK]** None **MS** Motion Sensor

T-1 LIGHTING

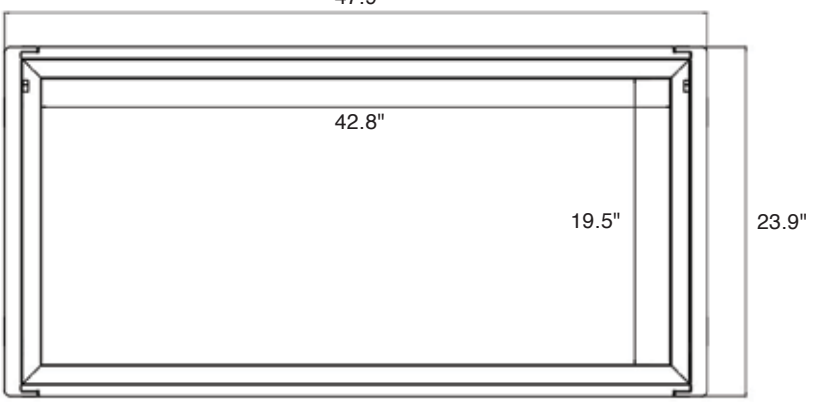
FLEET RETROFIT

FLAT PANEL RETROFIT SERIES

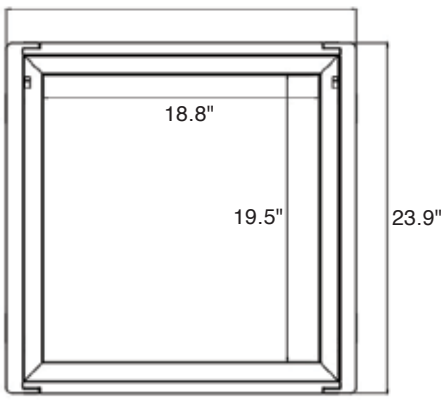
T1-FFP-RTFK

DIMENSIONS

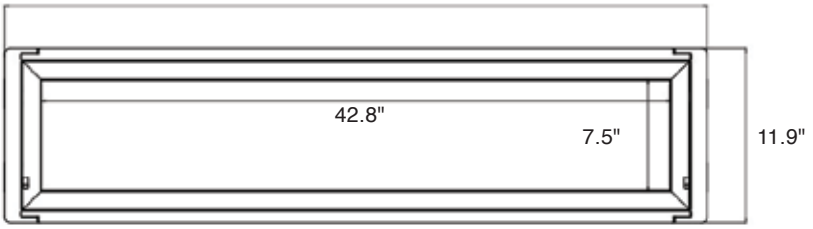
2x4



2x2



1x4



Dimensional tolerances:(+1.5mmn, -1.0mm)

There is a flexible flat cable with terminals secured to the back of the bracket cover.

T-1 LIGHTING

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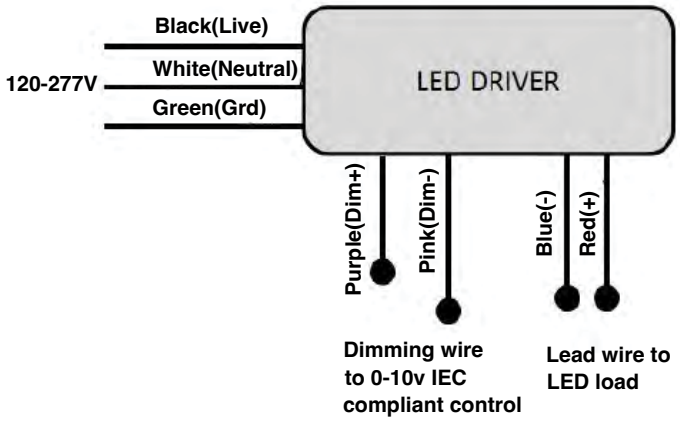
INSTALLATION

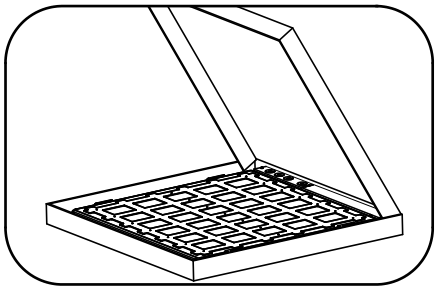
Always turn off the power supply from main circuit breaker first!

General Wiring Diagram



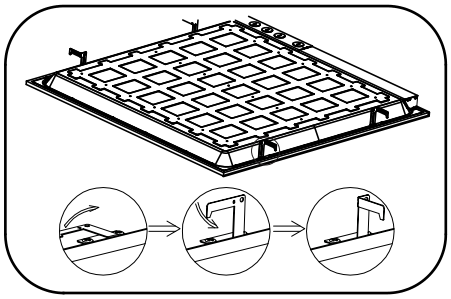
Recessed Mounting

Figure 1



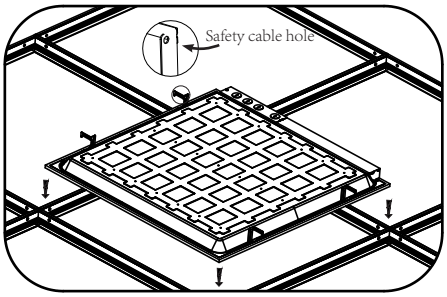
Carefully unpack unit and properly inspect for defects before installing. Wear work gloves to prevent dirt and oil from being transferred to the luminaire. If cleaning is needed, use gloves and a dry cotton cloth. It is not recommended to use hazardous chemicals.

Figure 2



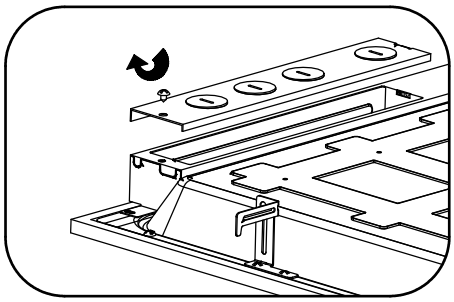
Lift up four mounting clips on the sides of the luminaire. You can do it by hand (Do wear work gloves) or use pliers

Figure 3



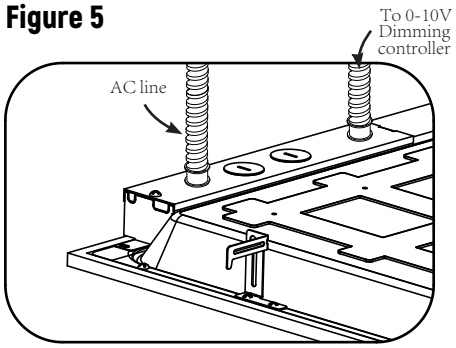
Insert luminaire into T-bar ceiling grid. Secure safety cable to connection hole as needed to meet local seismic requirements. Safety cable and method of attachment to the building provided by contractor according to local building codes.

Figure 4



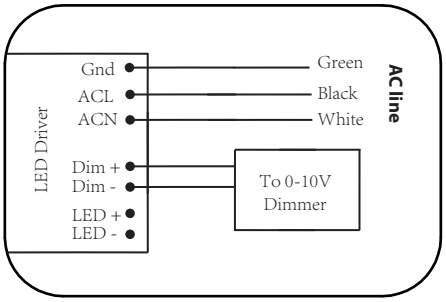
Remove electrical enclosure cover. Carefully remove knockout for AC line input wires and 0-10V control line. Install listed electrical fittings in the knockout holes for wire protection if needed.

Figure 5



Plug in AC line (L and N,and GND) to the LED Driver using 18-14AWG Wire. When connecting 0-10V dimming controller, wires must run through a separate knockout hole equipped with an appropriate electrical fitting.

Figure 6



Follow wire connection instructions. When using the 0-10V dimming controller Run wires from controller through a different knockout than the AC input wire. Don't forget to return the electrical enclosure cover and tighten the screws.

INSTALLATION

Cable Suspended Mounting

Figure 1

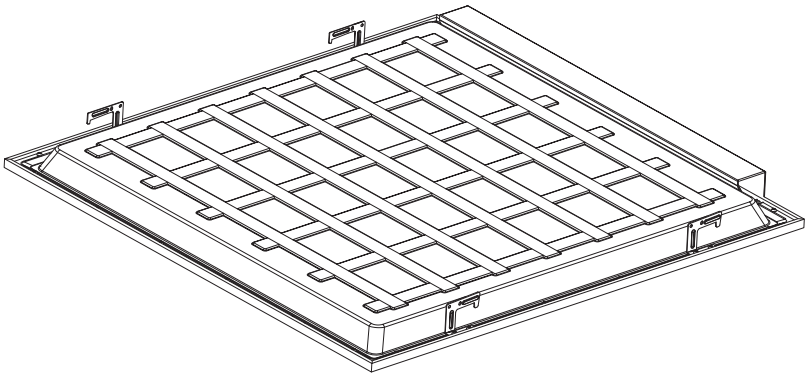
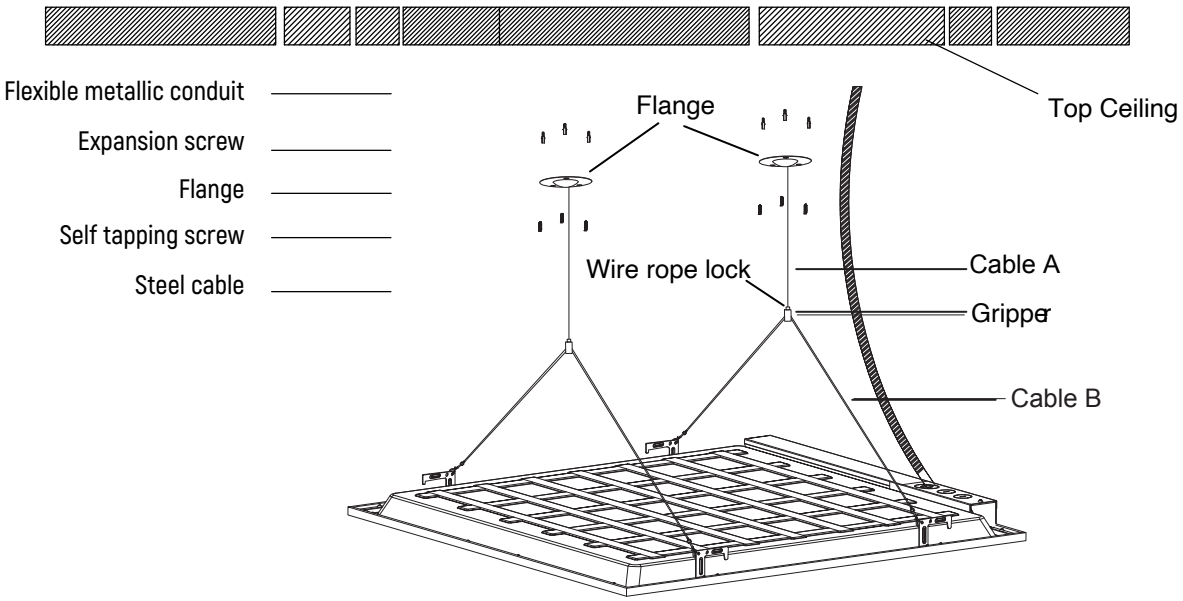


Figure 2



Installation Steps:

Step 1: Pull the sleeve on the end of cable A through the provided flange and make sure the end cap positioned in the flange. Fix the flanges onto the ceiling by the self-tapping screws.

Step 2: Insert the end of cable A into the wire rope gripper attached on the cable B, then adjust the cable A to be desired height by pressing the wire rope lock and adjust the cable B to the desired angles.

Step 3: Hook the luminaire up to the swivel lobster clasp attached to the two ends of cable B and make a final adjustments.

Step 4: Connect LED driver to AC mains power.

ACCESSORIES INCLUDED

Field-Adjustable Wattage & CCT

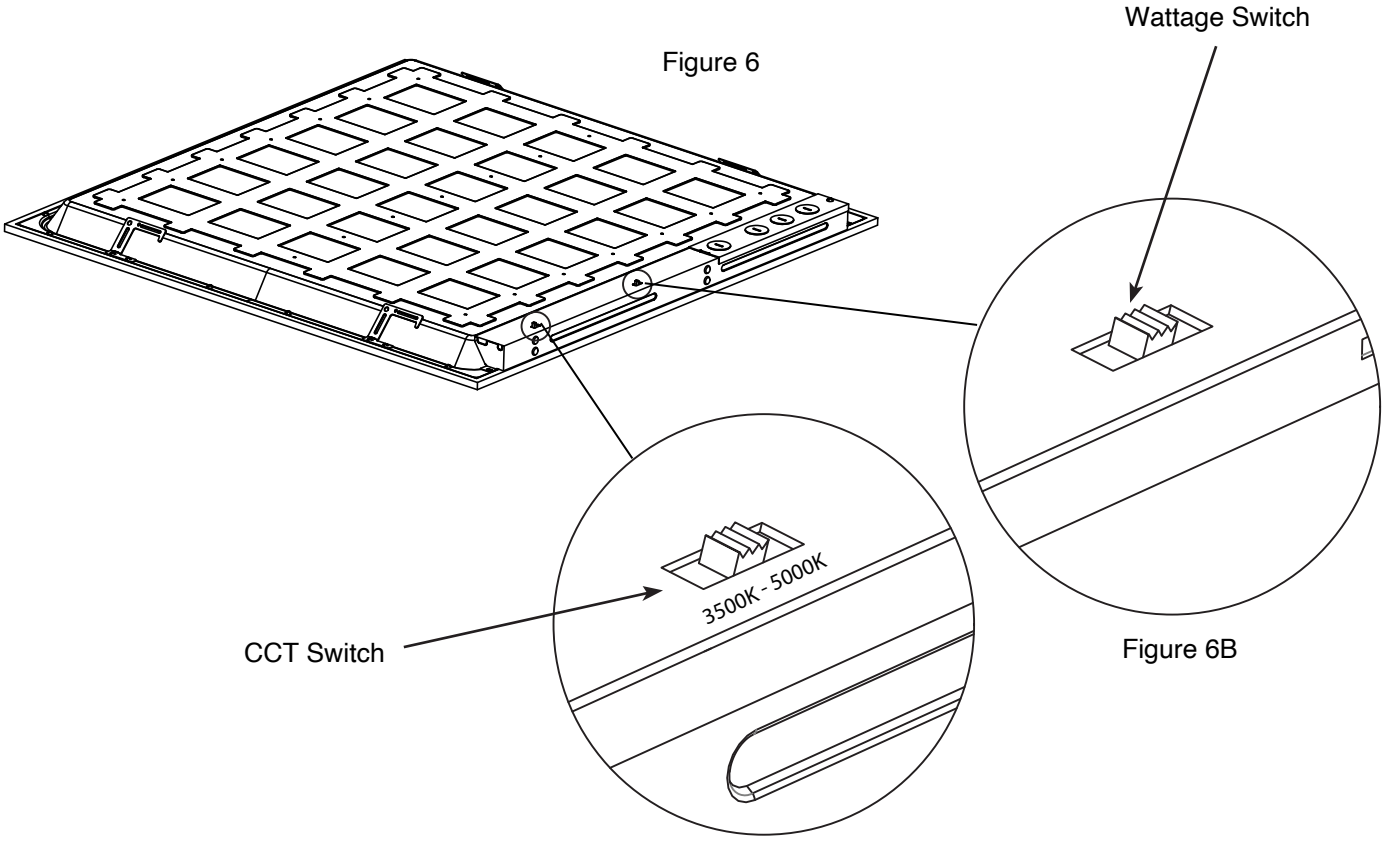


Figure 6

Figure 6B

Figure 6A

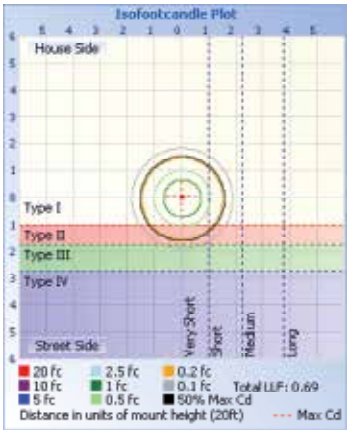
The end users may adjust the color temperature and lumen output respectively by the two DIP switch buttons integrated into the driver. Each DIP switch is accommodated with 3 options (left, middle and right), corresponding to 3 color temperatures and 3 powers respectively, which can perform the desired color temperature and lumen output combination.

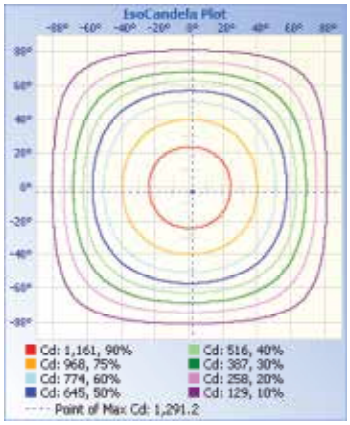
1. DIP switches are located onto the drive box. (see Fig. 6)
2. Select a wattage and color temperature by sliding switch left or right respectively to the desired value. (see Fig. 6A)

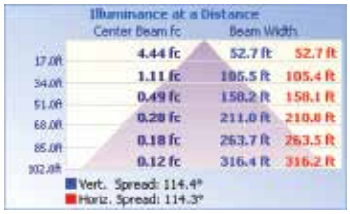
PHOTOMETRIC DATA - CONT

Photometric Data T1-FFP-RTFK14/MW25-MCCT

Photometric Data T1-FFP-RTFK22/MW30-MCCT







Photometric Data T1-FFP-RTFK24/MW45-MCCT