



# FLAT PANEL LIGHT (FP01)

## Applications:

Suitable for commercial, retail and institutional applications including office, schools and hospitals.

## FEATURES

### Construction:

- The aluminum frame enhances the perfect balance between lightweight design and uncompromising strength
- One piece housing to function as a heat sink to maximize the lifespan
- Standard T bar design to ensure the fixture easily locks onto the grid ceiling

### Optics:

- New backlit technology features optimal light distribution and uniform surface brightness
- Light engines are available in selectable CCT, (3500K/4000K/5000K) configurations
- Selectable Lumen Packages from 2,200 to 6,000 Lumens, replaces up to four T8 fluorescent lamps

### Electrical:

- Universal 120-277VAC input voltage
- Optional 0-10V dimming and dimming range from 10% to 100%
- Three selectable Wattage levels available for each model
- Both drivers have a power factor >90%, THD <10%
- Flicker Percent <5%
- Operating Temperature Range: -17C to 45C (-1.7°F to 113°F)

### Installation:

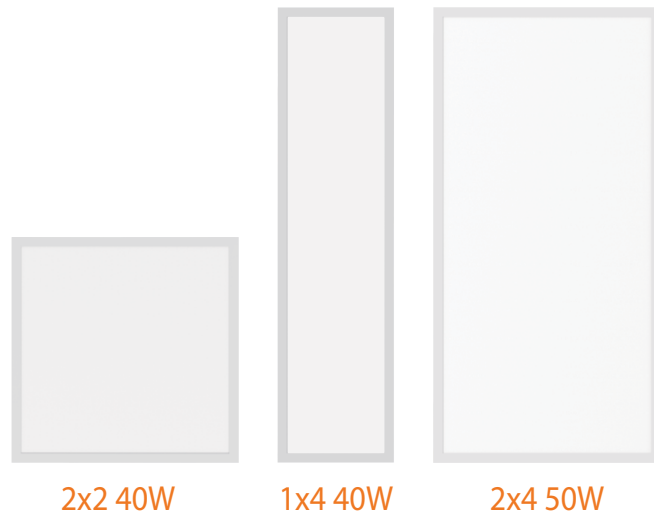
- Surface Mount (default)
- Recessed Mount (option)
- Suspended mount (option)

### Controls:

- Optional Occupancy sensor, Microwave sensor, Multifunction Sensor or daylight sensor
- Optional Bluetooth controls including Haisen, Silvair and Sharkward Luminaire Level Lighting Control (LLLC)
- Also compatible with 3rd party smart network control system
- Sensor receptacle optional
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### Lifespan:

- Estimated 50,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations



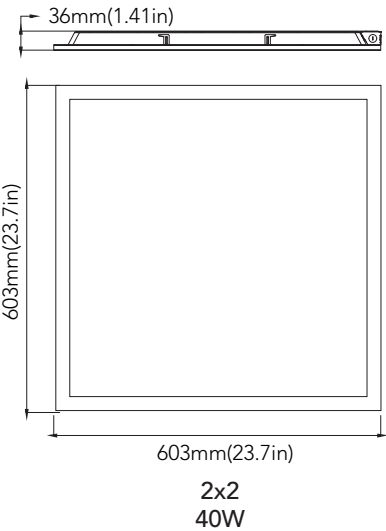
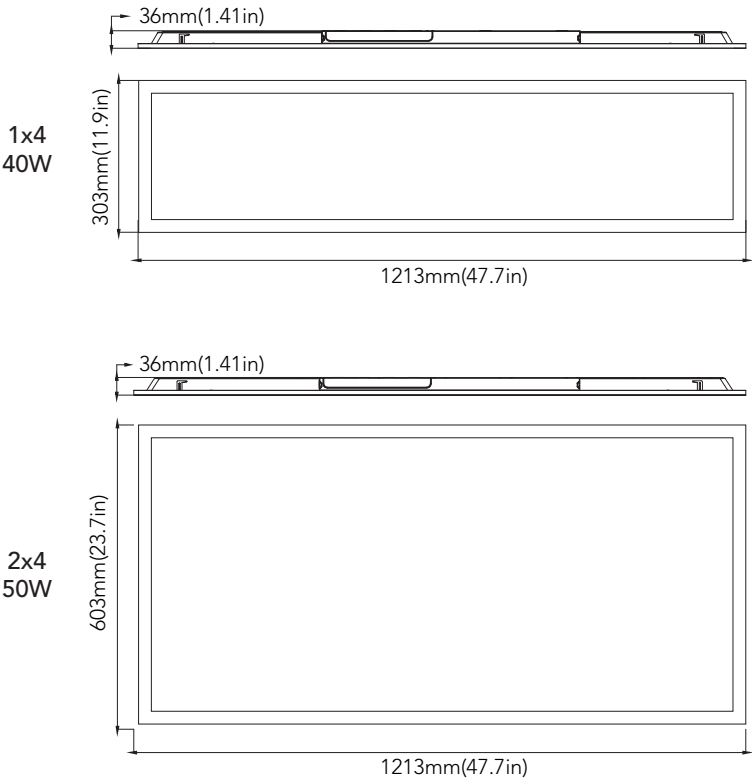
# CCT AND WATTAGE ADJUSTABLE

FP01 40W							
SWITCH SETTING	SYSTEM WATTS	VOLTAGE	CRI	BEAM ANGLE	CCT SELECTABLE	LUMENS	LPW
LV1	40W	120-277V	>80	120°	3500K/4000K/5000K	4700 lm	118 lm/W
LV2	30W	120-277V	>80	120°	3500K/4000K/5000K	3600 lm	120 lm/W
LV3	20W	120-277V	>80	120°	3500K/4000K/5000K	2500 lm	125 lm/W

FP01 50W							
SWITCH SETTING	SYSTEM WATTS	VOLTAGE	CRI	BEAM ANGLE	CCT SELECTABLE	LUMENS	LPW
LV1	50W	120-277V	>80	120°	3500K/4000K/5000K	6100 lm	122 lm/W
LV2	40W	120-277V	>80	120°	3500K/4000K/5000K	4900 lm	123 lm/W
LV3	30W	120-277V	>80	120°	3500K/4000K/5000K	3800 lm	127 lm/W

## DIMENSIONS

unit: mm/inch



Net weight :  
1x4: 4.3 lbs  
2x2: 4.1 lbs  
2x4: 8.1 lbs

## ACCESSORIES (Optional)

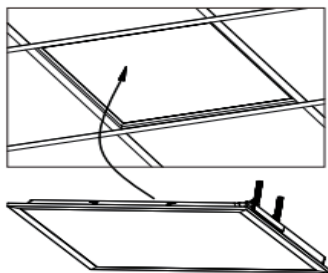


**Emergency Battery**  
Description: 8W,900 lm, 90min

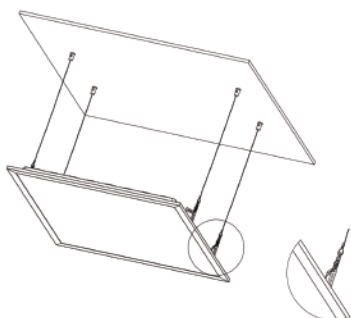


**PIR Sensor**  
Description:  
12-24VDC input voltage Plug-in PIR sensor;  
NOTE: Factory Default Setting: 100% sensitivity,  
Hold on time: 5min, Daylight sensor is.  
Dimming level: 30%, Dimming time: 60minutues.

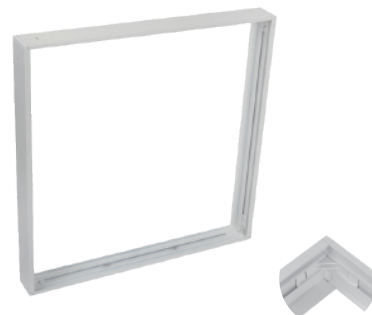
# MOUNTING OPTIONS



Recessed Mount  
(default)



Suspended Mount  
(option)



Surface Mount  
(option)

## ORDERING GUIDE

Example: AO-FP01-24F-50-LV-DDK-W-M-B-AD

Fixture Type	Size	Wattage	Voltage	CCT	Finish	Sensor (Option)	Emergency Battery (Option)	Power Adjustable	Internal Code
AO- <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>FP01</b> Flat Panel Series	<b>24F</b> 2x4' <b>22F</b> 2x2' <b>14F</b> 1x4'	<b>50</b> 50W <b>40</b> 40W <b>40</b> 40W	<b>LV</b> 120-277V	<b>DDK</b> Adjustable color temperature	<b>W</b> White	<b>M</b> Motion Sensor  <b>Blank</b> Without Sensor	<b>B</b> Emergency Battery  <b>Blank</b> Without Emergency Battery	<b>AD</b> Power Adjustable	<b>Blank</b> Alphanumeric

Actual performance may differ as a result of end-user environment and application. All values are design or calculated values measured in laboratory conditions. Specifications subject to change without notice.