



SPECIFICATION SHEET

The Essential Series Flat Panel combines selectable wattage and 5 CCT tuning with clean, uniform LED illumination for commercial interiors. Designed for flexibility and energy-efficient performance, it is ideal for offices, schools, and general commercial applications.



Project:

Location:

Type:

Qty:

Notes:

Ordering Guide

Catalog Number	Size	Wattage Selectable	Lumens Selectable (@40K)	CCT Selectable	Voltage	Finish
ES-FP-22-S1-WH	2x2	16/19/26/32W	2410/2790/3870/4690 lm	30/35/40/50/65K	120-277V	White
ES-FP-22-S1-FEM-WH*	2x2	16/19/26/32W	2410/2790/3870/4690 lm	30/35/40/50/65K	120-277V	White
ES-FP-24-S1-WH	2x4	22/30/36/43W	3350/4520/5340/6250 lm	30/35/40/50/65K	120-277V	White
ES-FP-24-S1-FEM-WH*	2x4	22/30/36/43W	3350/4520/5340/6250 lm	30/35/40/50/65K	120-277V	White

*EM Driver Comes Factory Installed.

Product Highlights

Features

- Field-selectable wattage and 5 CCT.
- High-efficacy LED performance up to 140 lm/W.
- Smooth, uniform illumination with low-glare diffuser.
- Sensor-ready for occupancy controls.
- Suitable for recessed, surface, or suspension mounting applications.

Electrical

- Smooth 0-10V dimming.
- 120-277V universal voltage standard.
- Flicker-free driver performance.
- Power factor ≥ 0.9 .
- THD $\leq 20\%$.

Certifications

- DLC Premium listed.
- UL certified for damp locations.
- IC rated for insulated ceilings.
- Tested to LM-79 and LM-80 standards.
- Long-life LED performance rated up to 100,000 hours.
- Backed by a 5-Year warranty.

Specifications

Optical

CCT Selectable	Efficacy (LPW)	CRI	Beam Angle
30/35/40/50/65K	140	>80	110°

Electrical

Input Voltage	Input Frequency	Dimming Type	Power Factor	Max THD
120-277V	50/60 Hz	0-10V (Dim-to-Off 0.1V-0.5V)	≥ 0.9	$\leq 20\%$

Mechanical

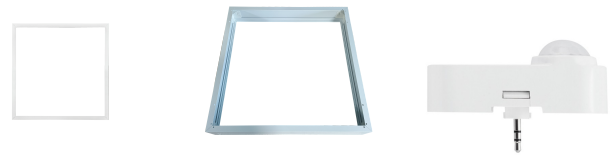
Housing Material	Lens/Diffuser	Finish	Mounting Options
Sheet Metal	Frosted Polystyrene	White	Ceiling Grid (Default), Surface, Suspension

Performance

Operating Temperature	Location Rating	Rated Life	Warranty	Driver Efficacy	IC Rated
-20°C to 50°C (-4°F to 122°F)	Damp	L70 >100,000 Hours	5-Year	Typical 86%	Yes

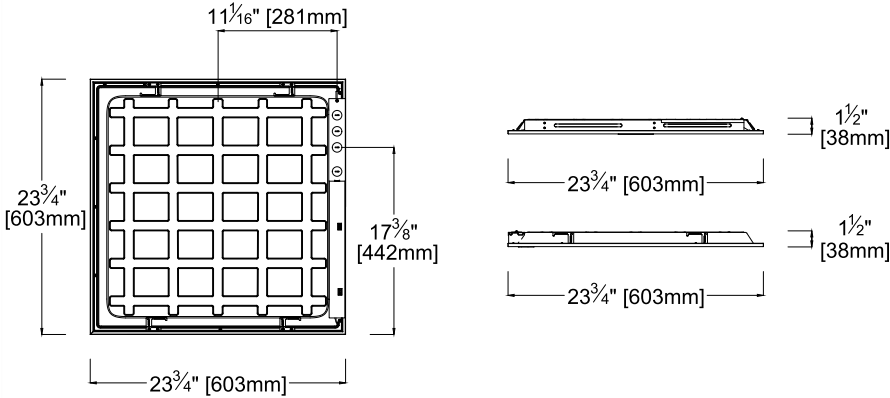
Compatible Accessories

Compatible Accessories		
Accessory	2x2	2x4
Suspension Kit	ACC-FP-SUS-22/24	ACC-FP-SUS-22/24
Drywall Frame	ACC-FP/TR-DWF-22	ACC-FP/TR-DWF-24
Surface Mount Frame	ACC-FP/TR-SMF-22	ACC-FP/TR-SMF-24
PIR Sensor	SN-PIR-IFS06R-AUX	SN-PIR-IFS06R-AUX

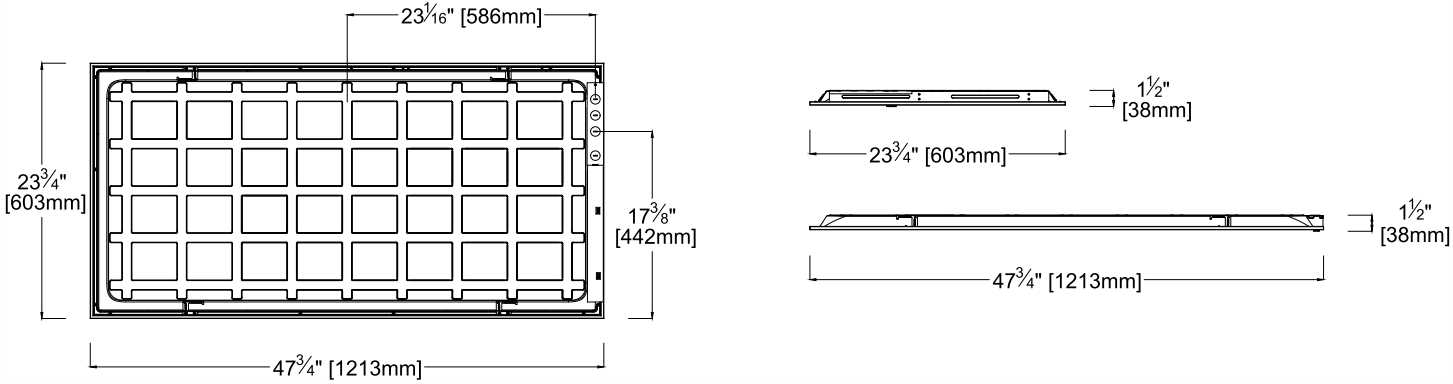


Fixture Dimensions

2x2



2x4



Photometrics

For IES files and information, please visit the Flat Panel product page on www.lightfixtureindustries.com