



Project	
Date	
Prepared by	
Model #	FP6-2440P40-3

FP6-SERIES PREMIUM FLAT PANELS



OVERVIEW

The FP6-Series Premium Flat Panels use a universal input voltage to work with 100-347 VAC and a higher efficacy to meet DLC Premium requirements. They are the perfect replacement for traditional fluorescent lighting found in offices, hospitals, and schools.

PRODUCT HIGHLIGHTS

- DLC Premium
- Universal Voltage (works with 100-347 VAC)
- 0-10 V dimmer driver
- PMMA Light Guide Plate (No Yellowing!)
- Excellent light transmittance and uniformity
- Slim profile, 10 mm thin
- Designed to easily fit into existing suspended T-bar ceilings (aircraft cable or surface-mount kit installation methods are available as optional accessories)

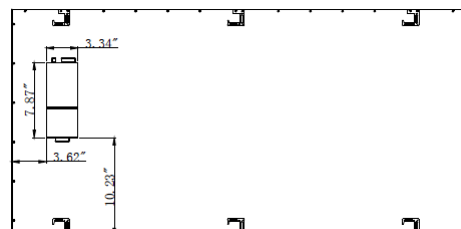
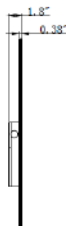
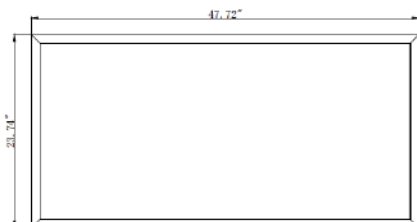
OPTICAL SPECIFICATIONS

Lumen Output (lm) ₁	5000	Beam Angle (°) ₁	120°
CCT (K) ₁	4000K	Projected Lifetime (L ₇₀)	50,000
CRI (Ra) ₁	80	Chromaticity Shift	72
Efficacy (lm/W) ₁	125 lm/W		

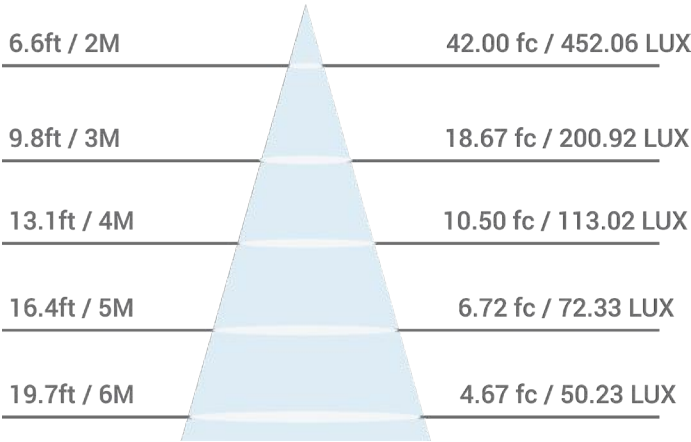
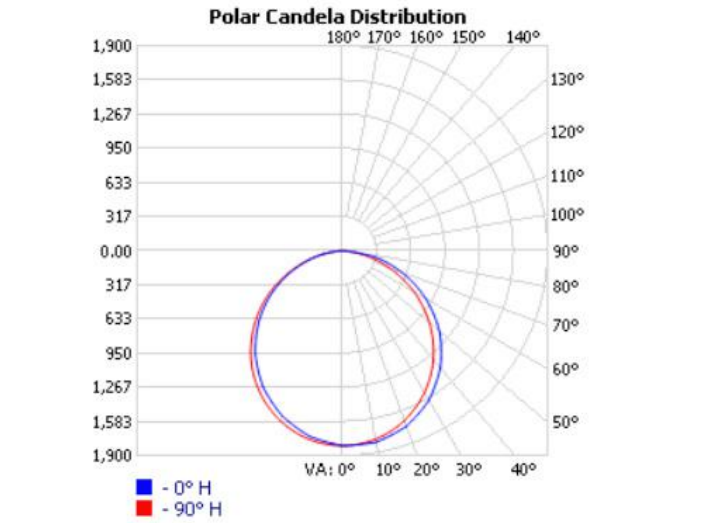
ELECTRICAL SPECIFICATIONS

Power	40W	Current Draw at 120V _{AC} (A) ₂	0.320
Apparent Power (VA)	39.6VA	Current Draw at 208V _{AC} (A) ₂	0.190
System Wattage (W)	41.94W	Current Draw at 240V _{AC} (A) ₂	0.160
Input Voltage	100-347 V	Current Draw at 277V _{AC} (A) ₂	0.148
Replacement For	4 lamp 40W T12 or 3 lamp 32W T8	Current Draw at 347V _{AC} (A) ₂	0.125

PRODUCT DIMENSION



CONSTRUCTION		LED AND DRIVER SPECIFICATIONS	
Housing Material	Powder Coated Aluminum Frame with Galvanized Steel Back Plate	LED (Brand)	Jufei
Housing Color	White	LED Design Origin	China
Light Guide Plate	PMMA	LED Type	SMD4104
Lens Material	Polystyrene (PS)	Dimmable	Yes (0-10 V)
Dimensions (inch/mm)	47.7 x 23.7 x 0.4 (in) 1210 x 600 x 10 (mm)	Out Voltage (VDC)	25-42 V
Weight (kg/lbs)	6.2 kg / 13.7 lbs	Power Factor	≥0.9
Installation Method	Recessed mount for T-bar ceilings Optional Methods: Aircraft Cables or Surface-Mount Kit (Not included)	THD	17.73%
Operation Range (°F/°C)	-4°F to 122°F/-20°C to 50°C	Surge Protection	L-N: 1 kV L/N-GND: 2 kV
Warranty	10 Years	Inrush Current (A)	30
APPROVALS AND LISTINGS		Driver Class	Class 2
DLC Premium	PLP70GUTHZVN		
Damp Location Rated	Yes		
UL/ETL	cETL UL-1598 CAN/CSA-C22.2 No. 250.0		
CANDELA		ILLUMINANCE AT A DISTANCE	



OPTIONAL ACCESSORIES	
AC-24	Aircraft Cables for Flat Panels
SMK-24	Surface Mount Kit for Flat Panels

1. Due to the special conditions of manufacturing, the typical data of optical specifications can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical data.
2. Exceeding maximum ratings for input voltage and current will cause hazardous overload and will likely destroy the LED fixture.
3. Refer to Warranty Terms & Conditions available at premiseled.com/warranty