



Project	
Date	
Prepared by	
Model #	FP6-1430P40-3

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)



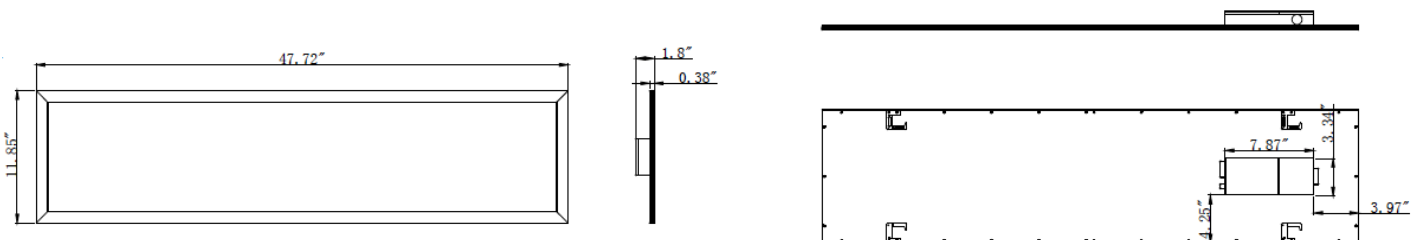
OPTICAL SPECIFICATIONS

Lumen Output (lm) ₁	3838	Beam Angle (°) ₁	120°
CCT (K) ₁	4000K	Projected Lifetime (L ₇₀)	>60,000
CRI (Ra) ₁	82.5	Chromaticity Shift	54
Efficacy (lm/W) ₁	126 lm/W		

ELECTRICAL SPECIFICATIONS

Power	30W	Current Draw at 120V _{AC} (A) ₂	0.256
Apparent Power (VA)	29.5VA	Current Draw at 208V _{AC} (A) ₂	0.150
System Wattage (W)	30.46W	Current Draw at 240V _{AC} (A) ₂	0.133
Input Voltage	100-347 V	Current Draw at 277V _{AC} (A) ₂	0.118
Replacement For	2 Lamp 32 W T8	Current Draw at 347V _{AC} (A) ₂	0.100

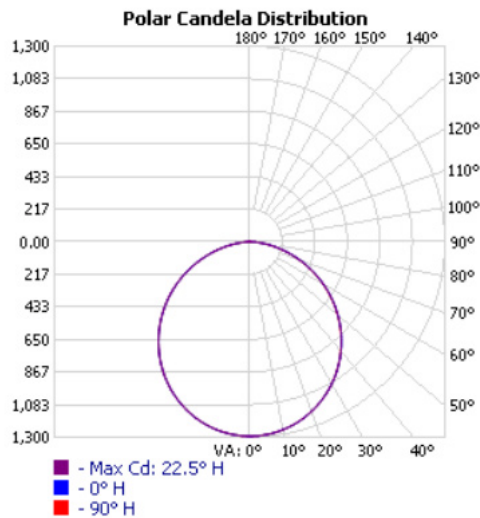
PRODUCT DIMENSION



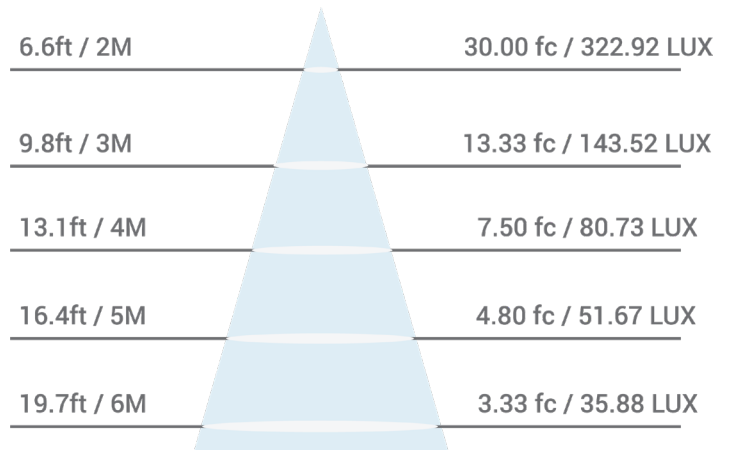
CONSTRUCTION		LED AND DRIVER SPECIFICATIONS	
Housing Material	Powder Coated Aluminum Frame with Galvanized Steel Back Plate	LED (Brand)	Jufei
Housing Color	White	LED Design Origin	China
Light Guide Plate	PMMA	LED Type	SMD4014
Lens Material	Polystyrene (PS)	Dimmable	Yes (0-10 V)
Dimensions (inch/mm)	47.7 x 11.9 x 0.4 (in) 1210 x 300 x 10 (mm)	Out Voltage (VDC)	25-42 V
Weight (kg/lbs)	3.4 kg / 7.5 lbs	Power Factor	≥0.9
Installation Method	Recessed mount for T-bar ceilings Optional Methods: Aircraft Cables or Surface-Mount Kit (Not included)	THD	19.62%
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	Inrush Current (A)	30
		Driver Class	Class 2

APPROVALS AND LISTINGS	
DLC Premium	PLSUVZ53D1VY
Damp Location Rated	Yes
UL/ETL	cETL UL-1598 CAN/CSA-C22.2 No. 250.0

CANDELA



ILLUMINANCE AT A DISTANCE



OPTIONAL ACCESORIES

AC-14	Aircraft Cables for Flat Panels
SMK-14	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 premiel.com/warranty

Specifications and dimensions subject to change without notice.

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