



Project	
Date	
Prepared by	
Model #	FPH2-2440P50-3

FPH2-SERIES 2X4 HYBRID FLAT PANEL



OVERVIEW

The FPH2-Series Hybrid LED Flat Panel ceiling light is a high performance LED panel that uses a unique backlit design to provide a longer lasting lighting solution that replaces traditional fluorescent lighting or low-end edge-lits found in offices, hospitals, schools and more.

PRODUCT HIGHLIGHTS

- Up to 136 lm/W
- Lightweight design for quicker installs
- Large 5.9" x 4" junction box makes daisy chaining connections quick and easy
- Low profile: will fit into any plenum space and directly into existing suspended T-bar ceilings
- Available in 100-347VAC



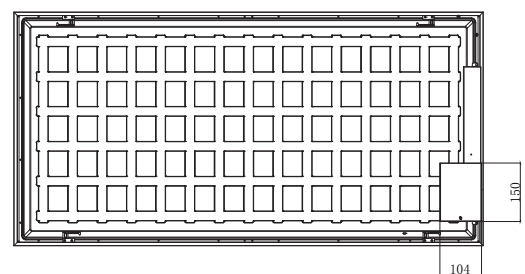
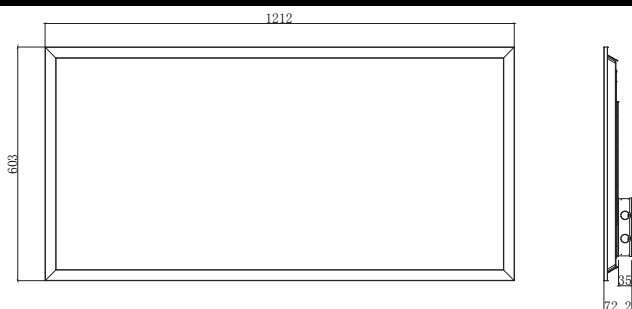
OPTICAL SPECIFICATIONS

Lumen Output (lm) ₁	5009 lm	Beam Angle (°) ₁	120°
CCT (K) ₁	5000K	Projected Lifetime (L ₇₀)	>60,000
CRI (Ra) ₁	80	Chromaticity Shift (K)	±283
Efficacy (lm/W) ₁	131.93 lm/W		

ELECTRICAL SPECIFICATIONS

Power	40W	Current Draw at 120V _{AC} (A) ₂	0.338A
Apparent Power (VA)	40.91 VA	Current Draw at 208V _{AC} (A) ₂	0.199A
System Wattage	37.97W	Current Draw at 240V _{AC} (A) ₂	0.175A
Input Voltage	100-347VAC	Current Draw at 277V _{AC} (A) ₂	0.153A
Replacement For	4x32W T8	Current Draw at 347V _{AC} (A) ₂	0.129A



PRODUCT DIMENSIONS



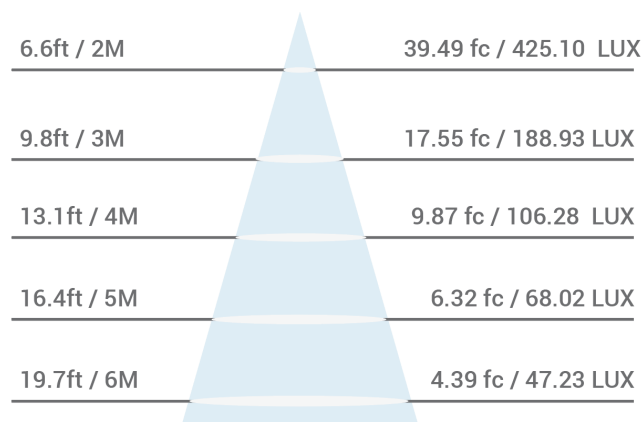
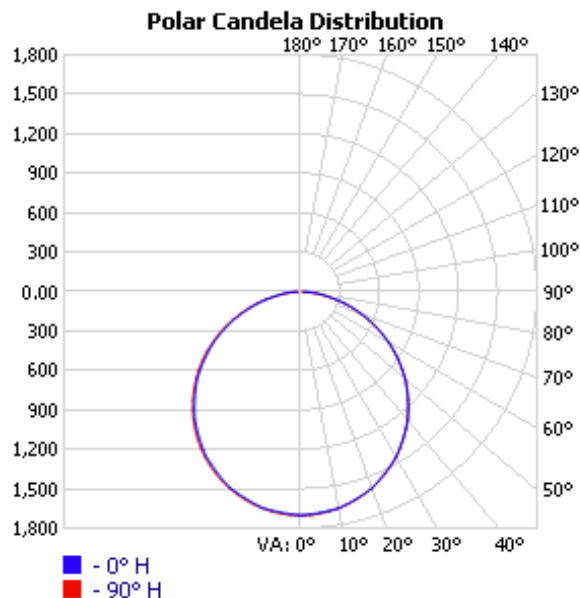
CONSTRUCTION			
Housing Material	6063 Aluminum	Weight	4.11kg / 9.06lbs
Housing Color	White	Installation Method	Recessed, Suspension, Surface
Lens Material	PMMA	Operation Range (°F/°C)	-20°C to 45°C, -4°F to 113°F
Dimensions (inch/mm)	23.74"*47.72"*2.8"/603mm*1212mm*72.2mm	Warranty	5 years

APPROVALS AND LISTINGS			
DLC Premium	PL4MZCCZQ0FV	IP Rating	IP20
Damp Location Rated	Yes	UL/ETL Listed	cETLus

LED AND DRIVER SPECIFICATIONS			
LED Type	2835	THD (%)	20.21%
Dimmable	Yes, 0-10V	Inrush Current (A)	30A
Output Voltage (VDC)	36-45VDC	Driver Class	Class 2
Power Factor	0.907	Surge Protection (kV)	L - N 1KV ;L/N-PE 2KV

OPTIONAL ACCESSORIES			
 FPH-ACK21	Aircraft Cable for 2x4 Flat Panels	 FPH-24SMK1	Surface Mount Kit for 2x4 Flat Panels

CANDELA	ILLUMINANCE AT A DISTANCE
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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