



Project	
Date	
Prepared by	
Model #	FPH2-2430P50-3

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



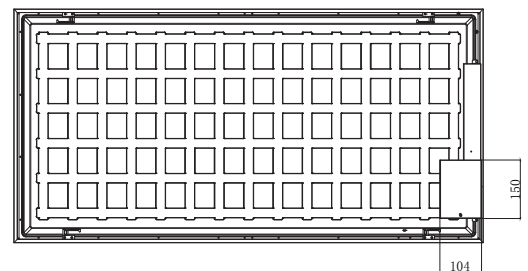
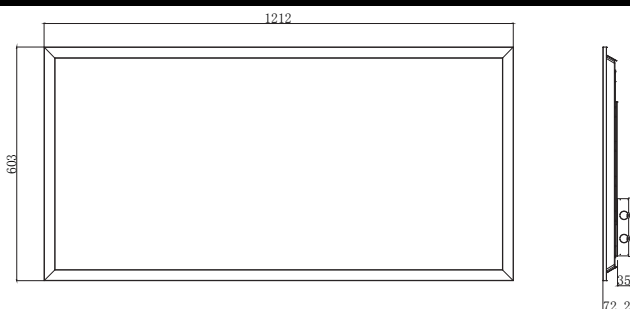
OPTICAL SPECIFICATIONS

Lumen Output (lm) ₁	3851 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	136.08 lm/W		

ELECTRICAL SPECIFICATIONS

Power	30W	Current Draw at 120V _{AC} (A) ₂	0.243A
Apparent Power (VA)	29.27VA	Current Draw at 208V _{AC} (A) ₂	0.141A
System Wattage	28.30W	Current Draw at 240V _{AC} (A) ₂	0.126A
Input Voltage	100-347VAC	Current Draw at 277V _{AC} (A) ₂	0.109A
Replacement For	4x32W T8	Current Draw at 347V _{AC} (A) ₂	0.091A

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	PLLEWAOPNB35	IP Rating	IP20
Damp Location Rated	Yes	UL/ETL Listed	cETLus

LED AND DRIVER SPECIFICATIONS

LED Type	2835	THD (%)	21.26%
Dimmable	Yes, 0-10V	Inrush Current (A)	30A
Output Voltage (VDC)	36-45VDC	Driver Class	Class 2
Power Factor	0.91	Surge Protection (kV)	L - N 1KV ;L/N-PE 2KV

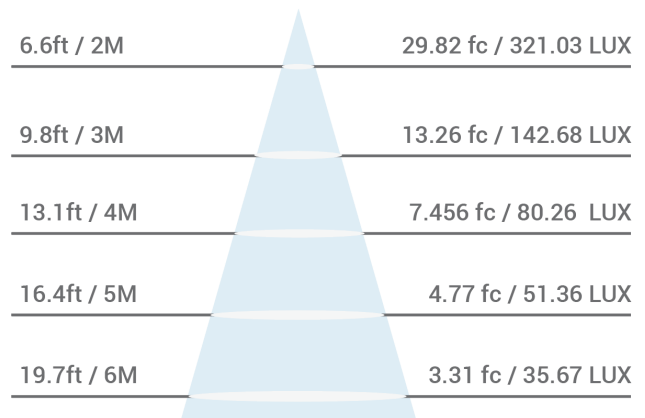
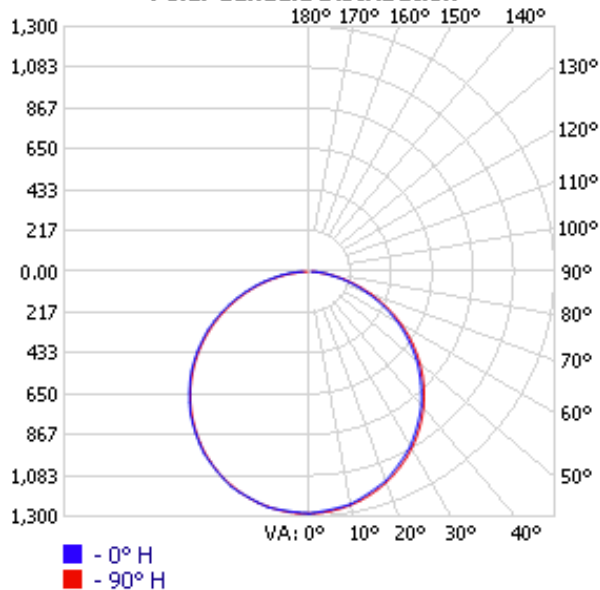
OPTIONAL ACCESSORIES

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

ILLUMINANCE AT A DISTANCE

Polar Candela Distribution



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

Specifications and dimensions
subject to change without notice.

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