PREMISE

FPH2-SERIES 1X4 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

DLC QPL LISTED PREMIUM | DAMP LOCATION | c ETL us Intertek | Dimmable | 5YEAR WARRANTY

OPTICAL SPECIFICATIONS			
Lumen Output (lm) [1]	3663 lm	**Beam Angle (°)** [1]	120°
CCT (K) [1]	3500K	**Projected Lifetime (L_{70})**	>60,000
CRI (Ra) [1]	82.2	**Chromaticity Shift (K)**	±275
Efficacy (lm/W) [1]	126.44 lm/W		

ELECTRICAL SPECIFICATIONS			
Power	30W	**Current Draw at 120V_{AC} (A)** [2]	0.241A
Apparent Power (VA)	28.98VA	**Current Draw at 208V_{AC} (A)** [2]	0.139A
System Wattage	28.97W	**Current Draw at 240V_{AC} (A)** [2]	0.124A
Input Voltage	100-347VAC	**Current Draw at 277V_{AC} (A)** [2]	0.107A
Replacement For	2x32W T8	**Current Draw at 347V_{AC} (A)** [2]	0.089A

PRODUCT DIMENSIONS

1212 | 301 | 71.2 | 35 | 107 | 151
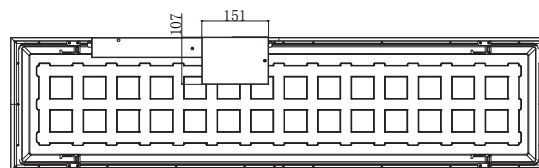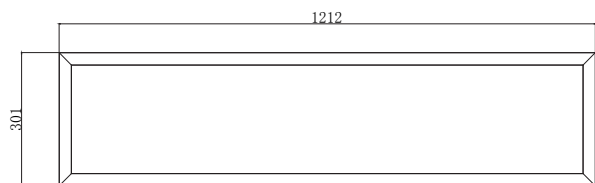
CONSTRUCTION

Housing Material	6063 Aluminum	**Weight**	2.28kg / 5.03lbs
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)	11.85"*47.72"*2.8"/ 301mm*1212mm*71.2mm	**Warranty**	5 years

APPROVALS AND LISTINGS

DLC Premium	PLD48W5O2PD0	**IP Rating**	IP20
Damp Location Rated	Yes	**UL/ETL Listed**	cETLus

LED AND DRIVER SPECIFICATIONS

LED Type	2835	**THD (%)**	20.63%
Dimmable	Yes, 0-10V	**Inrush Current (A)**	30A
Output Voltage (VDC)	36-45VDC	**Driver Class**	Class 2
Power Factor	0.913	**Surge Protection (kV)**	L - N 1KV ;L/N-PE 2KV

OPTIONAL ACCESSORIES

FPH-ACK11	Aircraft Cable for 1x4 and 2x2 Flat Panels	**FPH-14SMK1**	Surface Mount Kit for 1x4 Flat Panels

CANDELA

Polar Candela Distribution

- ■ - 0° H
- ■ - 90° H

ILLUMINANCE AT A DISTANCE

Distance	Illuminance
6.6ft / 2M	28.83 fc / 310.35 LUX
9.8ft / 3M	12.81 fc / 137.93 LUX
13.1ft / 4M	7.21 fc / 77.59 LUX
16.4ft / 5M	4.61 fc / 49.66 LUX
19.7ft / 6M	3.20 fc / 34.48 LUX
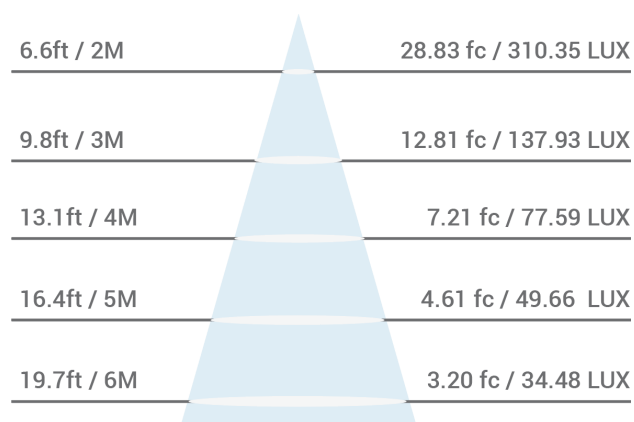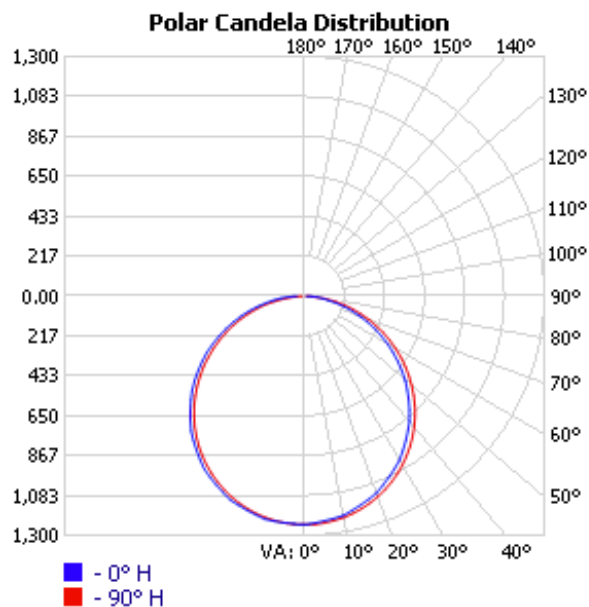
1. Due to the special conditions of manufacturing, the typical data of optical specifications can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical data.
2. Exceeding maximum ratings for input voltage 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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