PREMISE

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

- 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
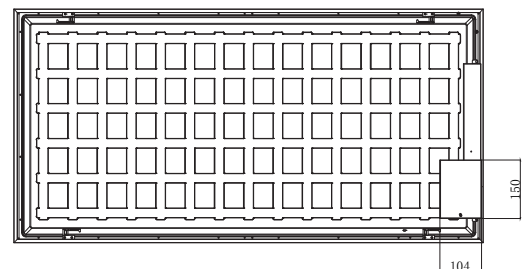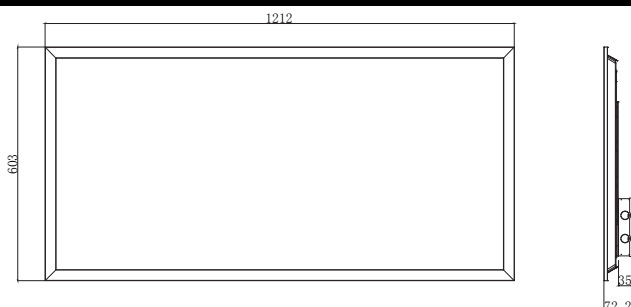- Available in 100-277VAC

DLC QPL LISTED · DAMP LOCATION · cETLus LISTED Intertek · Dimmable · 5 YEAR WARRANTY

OPTICAL SPECIFICATIONS

Lumen Output (lm) [1]	3899 lm	**Beam Angle (°)** [1]	120°
CCT (K) [1]	4000K	**Projected Lifetime (L_{70})**	>60,000
CRI (Ra) [1]	83	**Chromaticity Shift (K)**	±275
Efficacy (lm/W) [1]	105 lm/W		

ELECTRICAL SPECIFICATIONS

Power	40W	**Current Draw at 120V$_{AC}$ (A)** [2]	0.351A
Apparent Power (VA)	41.1VA	**Current Draw at 208V$_{AC}$ (A)** [2]	0.202A
System Wattage	37.15W	**Current Draw at 240V$_{AC}$ (A)** [2]	0.175A
Input Voltage	100-277VAC	**Current Draw at 277V$_{AC}$ (A)** [2]	0.155A
Replacement For	4x32W T8		

PRODUCT DIMENSIONS

1212
603
72.2
35
150
104

CONSTRUCTION

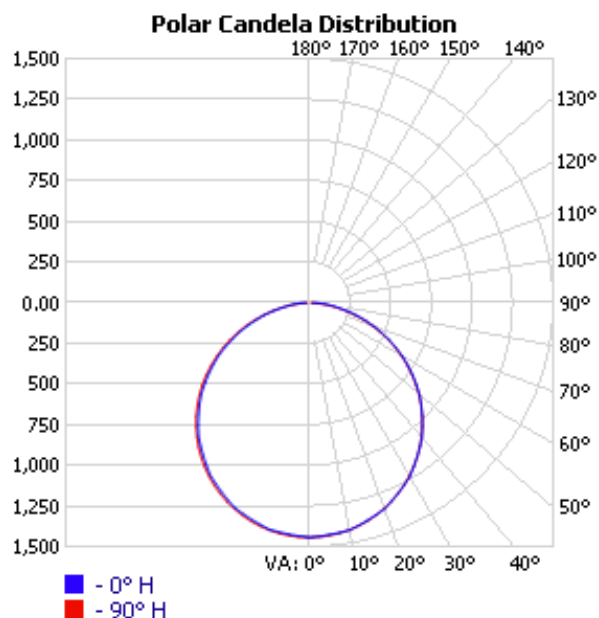|			
Housing Material	6063 Aluminum	**Weight**	4.11kg / 9.06lbs
Housing Color	White	**Installation Method**	Recessed, Suspension, Surface
Lens Material	PMMA	**Operation Range (°F/°C)**	-20°C to 45°C, -4°F to 113°F
Dimensions (inch/mm)	23.74"*47.72"*2.8"/603mm*1212mm*72.2mm	**Warranty**	5 years

APPROVALS AND LISTINGS

DLC Standard	PL668H0M6DQE	**IP Rating**	IP20
Damp Location Rated	Yes	**UL/ETL Listed**	cETLus

LED AND DRIVER SPECIFICATIONS

LED Type	2835	**THD (%)**	20.0%
Dimmable	Yes, 0-10V	**Inrush Current (A)**	30A
Output Voltage (VDC)	36-45VDC	**Driver Class**	Class 2
Power Factor	0.9	**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

Polar Candela Distribution

- 0° H
- 90° H

ILLUMINANCE AT A DISTANCE

ILLUMINANCE AT A DISTANCE					
	CENTER BEAM	BEAM SPREAD(FT)		FIELD SPREAD(FT)	
HEIGHT(FT)	FOOTCANDLE	HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL
4.00	90.14 FC	12.5	12.3	52.9	56.6
8.00	22.54 FC	24.9	24.6	105.8	113.1
12.00	10.02 FC	37.4	36.9	158.7	169.7
16.00	5.63 FC	49.9	49.2	211.6	226.3
20.00	3.61 FC	62.3	61.5	264.5	282.8
		BEAM ANGLE		FIELD ANGLE	
		114.6°	113.9°	162.8°	163.9°