# 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

- 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
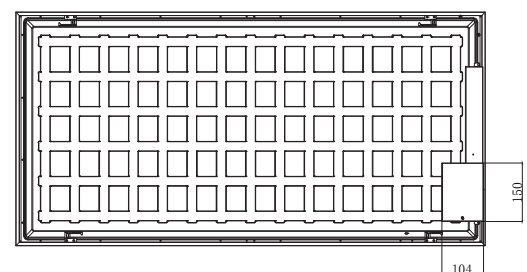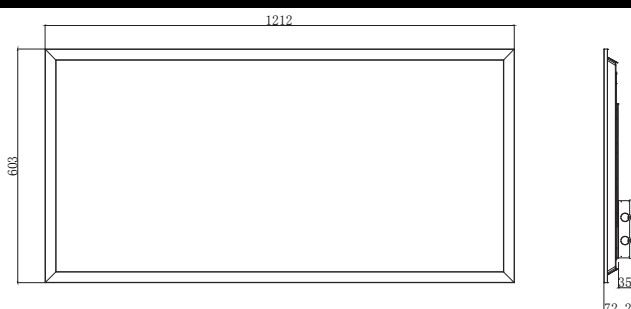- Available in 100-347VAC

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

## OPTICAL SPECIFICATIONS

| | | | |
|---|---|---|---|
| Lumen Output (lm) [1] | 4863 lm | Beam Angle (°) [1] | 120° |
| CCT (K) [1] | 3500K | Projected Lifetime ($L_{70}$) | >60,000 |
| CRI (Ra) [1] | 80 | Chromaticity Shift (K) | ±245 |
| Efficacy (lm/W) [1] | 128.09 lm/W | | |

## ELECTRICAL SPECIFICATIONS

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

## PRODUCT DIMENSIONS

1212 · 603 · 35 · 72.2 · 150 · 104

PREMISELED.COM

## CONSTRUCTION

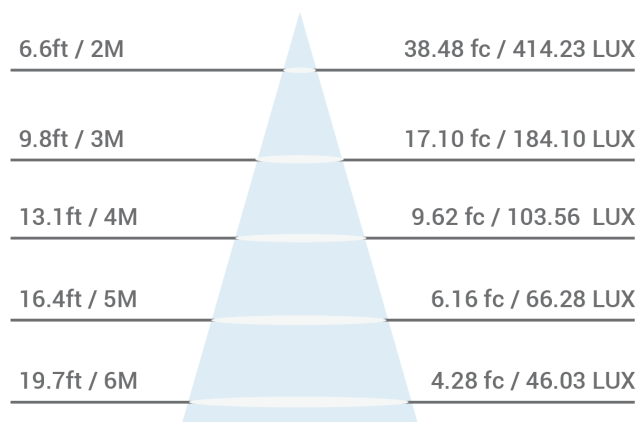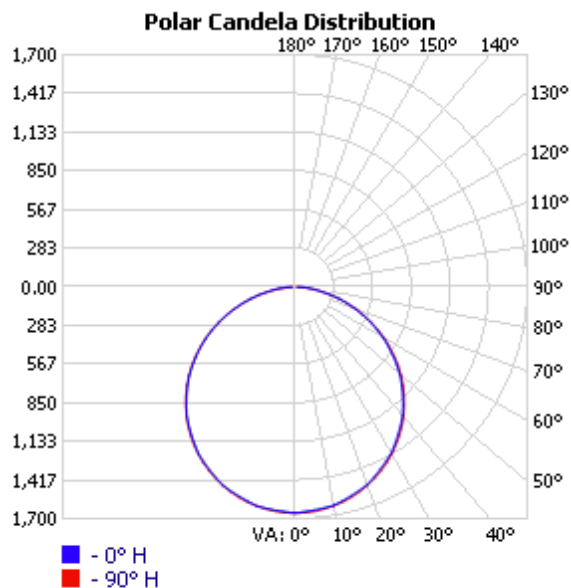| | | | |
|---|---|---|---|
| **Housing Material** | 6063 Aluminum | **Weight** | 4.11kg / 9.06lbs |
| **Housing Color** | White | **Installation Method** | Recessed, Suspension, Surface |
| **Lens Material** | PMMA | **Operation Range (°F/°C)** | -20°C to 45°C, -4°F to 113°F |
| **Dimensions (inch/mm)**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

## APPROVALS AND LISTINGS

| | | | |
|---|---|---|---|
| **DLC Premium** | PLN09NO6VHCM | **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



Polar Candela Distribution

- ■ - 0° H
- ■ - 90° H

## ILLUMINANCE AT A DISTANCE

| | |
|---|---|
| 6.6ft / 2M | 38.48 fc / 414.23 LUX |
| 9.8ft / 3M | 17.10 fc / 184.10 LUX |
| 13.1ft / 4M | 9.62 fc / 103.56 LUX |
| 16.4ft / 5M | 6.16 fc / 66.28 LUX |
| 19.7ft / 6M | 4.28 fc / 46.03 LUX |

Specifications and dimensions subject to change without notice.

3401 ENTERPRISE PARKWAY
BEACHWOOD, OH USA 44122

80-86 CARRIER DRIVE
TORONTO, ON CANADA M9W 5R1