



# LED FLAT PANEL (FP02)

## Applications:

Suitable for office, school, conference room, hospital and commercial spaces.

## FEATURES

- Available in 2' x 2' or 2' x 4' sizes
- PMMA Diffusers are extruded from impact modified acrylic for increased durability
- High efficiency: 125lm/W
- WARRANTY: 5-year limited Warranty
- Pre-installed emergency backup battery holder for easy installation
- Efficacy of 125lm/W



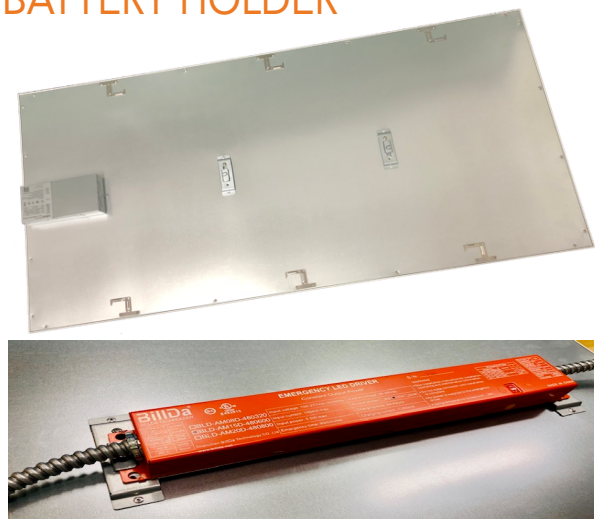
2 x 4  
48W



## SPECIFICATIONS

Model No.	AO-FP02-36W2x2-XXK	AO-FP02-48W2x4-XXK
Wattage	36W	48W
Size	2x2	2x4
Working Voltage	AC100V-277V	
Beam Angle	120°	
Color Temperature	4000K/5000K	
Luminous Efficacy	125 LM/W	
Color Rendering Index	Ra>80	
Operating Temperature	-22°F ~ +113°F / -30°C ~ +45°C	
Storage Temperature	-22°F ~ +113°F / -30°C ~ +45°C	
Environment Location	Damp Location	
Lifespan	50000H	
Diffuser Materials	PMMA	
The color of the lamp shell	White	
Dimming Function	0-10V Dimmable	
CRI	> 80	
Power Efficiency	>0.88	
Qty/Pack	2	
Master Package:	25"x2.75"x25"	48.81"x2.75"x25"
Master Pack Weight	16 LB	30.4 LB

## PRE-INSTALLED EMERGENCY BATTERY HOLDER



## ORDERING GUIDE

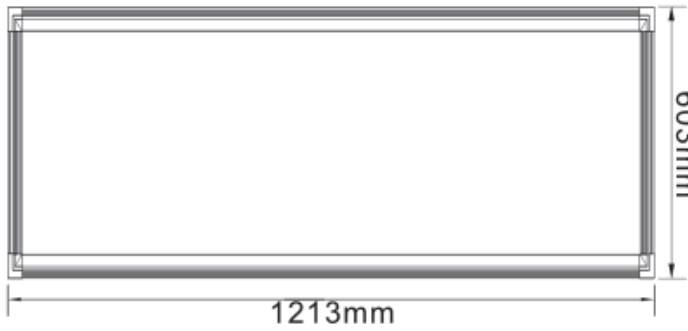
Example: AO-PL-36W2x2-50K

Company Code	Product	Wattage & Size	CCT
AO	FP02	36W2x2 / 48W2x4	40K: 4000K / 50K: 5000K

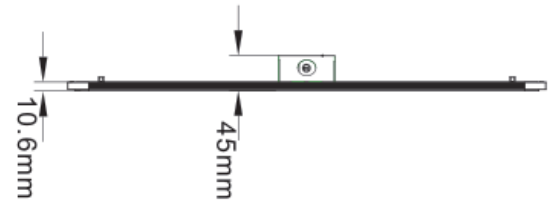
# DIMENSIONS

2 x 4

Front View

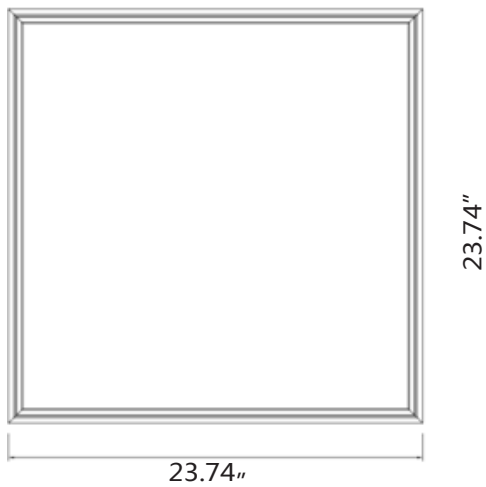


Side View

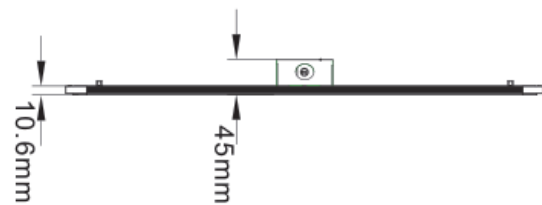


2 x 2

Front View

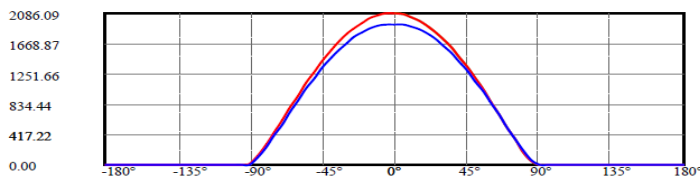
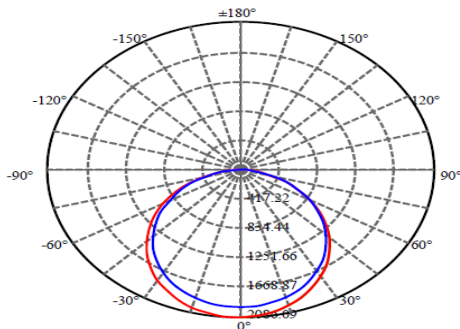


Side View



# PHOTOMETRICS

2 x 4



C0(Max): —

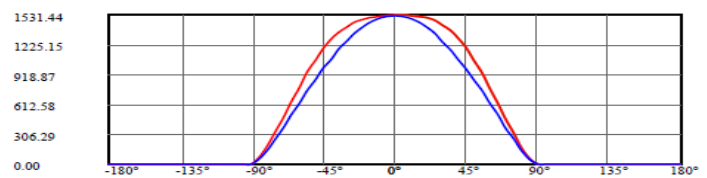
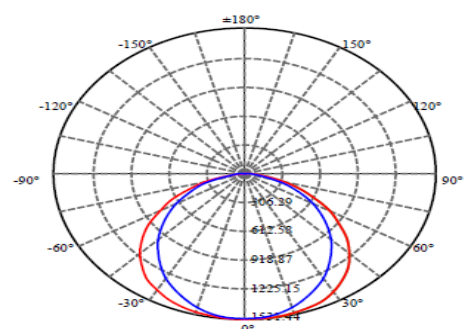
C0/C180: —

C90/C270: —

Field angle(10%Imax): C0/180Left:82.4 Right:79.3  
:C90/270Left:81.8 Right:80.3

Beam Angle(50%Imax): C0/180Left:57.7 Right:54.9  
:C90/270Left:57.7 Right:56.2

2 x 2



C0(Max): —

C0/C180: —

C90/C270: —

Field angle(10%Imax): C0/180Left:81.8 Right:80.9  
:C90/270Left:79.8 Right:79.6

Beam Angle(50%Imax): C0/180Left:60.9 Right:60.6  
:C90/270Left:54.6 Right:54.5



Alpha Omega Lighting  
www.alphaomegalighting.com

347 N. Church Street • Ripley, WV 25271  
Phone: 304-786-4055 • Email: info@alphaomegalighting.com

Specifications are subject to change without notice.  
Updated 9-04-2020