FORA LIGHTING

LED FLAT PANEL - 1X4, 2X2 & 2X4
32W, 40W, 60W
ENVIRONMENTALLY FRIENDLY, ENERGY EFFICIENT

c(UL)us   (UL)   **QPL** CALIFORNIA QUALIFIED PRODUCTS LISTED   **WARRANTY 7 YEARS**

QUICK SHIP

DESCRIPTION ▶

The LED FLAT PANEL Series are designed to be a much more energy efficient replacement to fluorescent troffers, providing better lumen output with less wattage while also lasting longer. LED Flat Panels can last up to 50,000 hours, or over nine years of regular use. They can be installed via drop-in ceilings,surface or suspension mounted or even mounted flush against the ceiling.

APPLICATIONS ▶

Hotels, Commercial, Residential, Factories, Churches, Schools, Office Buildings, Super Markets, Shopping Malls, Meeting Rooms.

FEATURES ▶

- UL, cUL,
- Consistent, uniform lighting- no flicker, no hum
- Lightweight, easy installation
- High Lumen LED chips >80 CRI
- 4000-6000 lumens (with 40W power)
- Variable CCT optional (3000K, 4000K, 5000K)
- 50,000 hour avg. lifetime
- 0-10V Dimmable
- 120-277VAC Universal Drivers
- EM Capable
- Fireproof Junction box with knockout panel
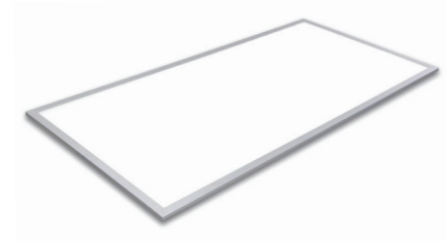
COST SAVINGS ▶

- +50% energy savings compared to fluorescent bulbs
- Longer bulb life equals lower maintenance costs, less waste
- Low heat production, less HVAC impact
- Quick installation and light weight equal lower installation costs
- 7-Year warranty

2X4 ORDERING GUIDE ▶

Example: FFP-24-50-40K

FP	Size	Watts	CCT	Input Voltage	Accessories
FFP Flat Panel	**24** 2 x 4	**50** 50Watts	**40K** 4000K	**UNV** 120-277 VAC	**EM** EM Capable
			50K 5000K		

DIMENSIONS ▶

24.0"

1.0"

48.0"
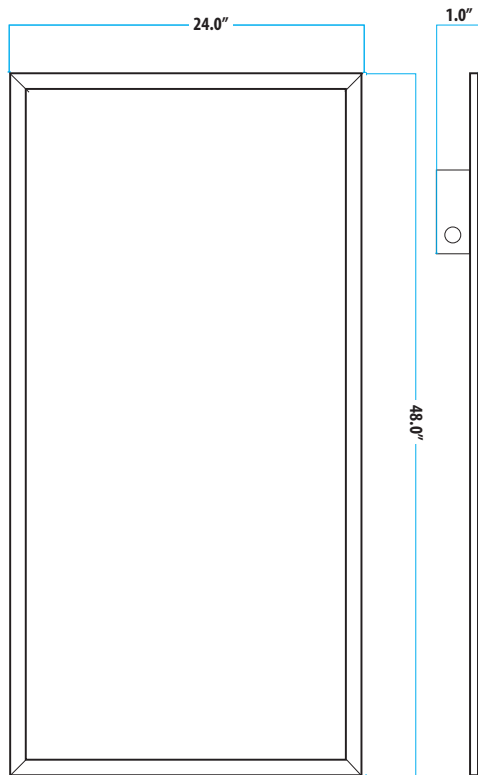
TECHNICAL SUMMARY ▶

INPUT WATTS	50 Watts
INPUT VOLTAGE	AC 120 — 277V
POWER FREQUENCY	50 HZ
EFFICACY	129 lm/W
DELIVERED LUMENS	6470 LM
CCT	5000K
CRI	RA>80
WORKING TEMPERATURE	-40°F - +122°F
STORAGE TEMPERATURE	-40°C - +60°C
IP RATING	IP20 Rating
CERTIFICATION	ROHS UL FCC CE
WARRANTY TIME	7 Years
OPTIONAL ACCESSORY	EM Battery Backup
DIMMABLE	0 – 10V
POWER FACTOR	>0.9
THD	≥20%
DLC MODEL NUMBER	24AP50

PHOTOMETRIC DATA ▶

LIGHTING DISTRIBUTION CURVE DRAWINGS

UNIT:cd
C0/180,112.1deg
C30/210,112.0deg
C60/240,112.5deg
C90/270,112.7deg
AVERAGE BEAM ANGLE(50%):112.3 DEG

CO PLANE ISOLUX DIAGRAM

(UNIT:lx) MH(m)

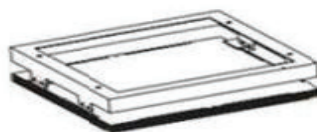|	
9.50	1.60
7.90	1.30
6.40	0.7900
4.80	0.6400
3.20	0.4800
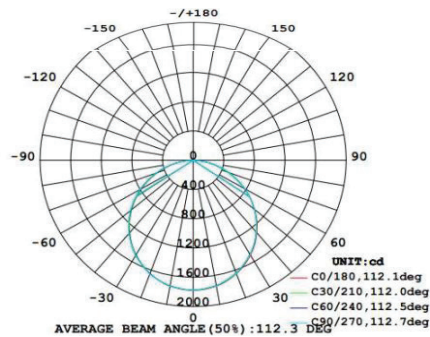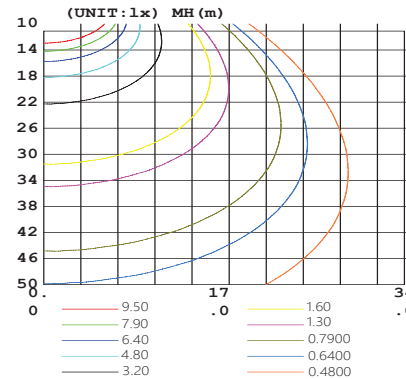
INSTALLATION INSTRUCTIONS ▶

1. Ceiling installation
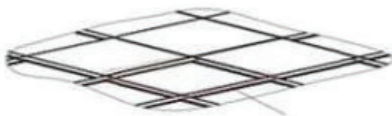
a. fix the upper frame

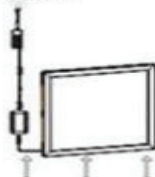b. install connection fittings

c. laterally connect panel light to upper frame by screws

2. Embedded installation

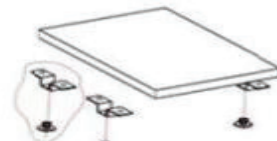a. move away ceiling plaster slab, then arrange the wire.

b. put through the panel light along ceiling's diagonal and then wiring.

c. fix the panel light to suitable place

3. Hanging installation

a. install the hanging fixed block in order.

b. set up hanging fittings and stainless steel rope

c. fix the rope on suitable height by using lifter.