

LED FLAT PANEL



PRODUCT DESCRIPTION

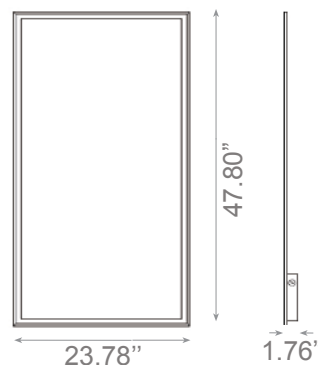
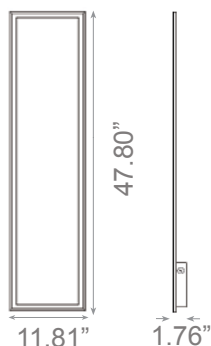
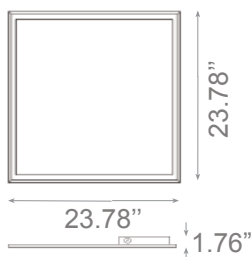
LED flat panel is designed for standard T-bar and narrow grid drop ceiling to replace fluorescent fixtures in offices, supermarkets, schools and other indoor applications. The edge-to-edge design enables even light distribution, simple but beautiful and easy for installation. Energy saving, long life span and low maintenance.

SPECIFICATION

2X2
 Length: 23.78"
 Width: 23.78"
 Height: 1.76"
 Max. Weight: 8.8 lbs

1X4
 Length: 47.80"
 Width: 11.81"
 Height: 1.76"
 Max. Weight: 8.8 lbs

2X4
 Length: 47.80"
 Width: 23.78"
 Height: 1.76"
 Max. Weight: 17.6 lbs



Ordering Information

Example: FLP22D3835

Flat LED Panel	Dimension	Dimmable	Watts	CCT	EBU
FLP	22 - 2x2'	D - 1-10V dimming	38 - 38W	30 - 3000K	EBU - Emergency Battery Back-up
	14 - 1x4'		38 - 38W	35 - 3500K	
	24 - 2x4'		38 - 35W	40 - 4000K	
			53 - 53W	50 - 5000K	

Notice:

1. Standard Finish as White.
2. Special Order as other finish color - Ask Customer Service for Details

Accessories

SKU	MODEL	IMAGE	DESCRIPTION
90106	FLP 2*2 Surface Mount Kit		2*2 Flat Panel Surface Mount Kit
90122	FLP 1*4 Surface Mount Kit		1*4 Flat Panel Surface Mount Kit
90123	FLP 2*4 Surface Mount Kit		2*4 Flat Panel Surface Mount Kit
90139	FLP 1*4 Flange Kit		1*4 Flat Panel Recessed Mount Kit
90140	FLP 2*4 Flange Kit		2*4 Flat Panel Recessed Mount Kit
90141	FLP 2*2 Flange Kit		2*2 Flat Panel Recessed Mount Kit

PERFORMANCE DATA

LUMEN OUTPUT

Lumen values are measured by third party certified laboratories performed in accordance with IESNA LM-79-08 as well as Lighting Facts listed.

Watts	Lumen Output	AC Input 120V	Measured Watts	CCT	CRI	Size	LPW
38W	4180	0.35A	38W	5000K	>80	2x2	110
38W	4180	0.35A	38W	5000K	>80	1x4	110
38W	3850	0.33A	35W	5000K	>80	2x4	110
53W	5300	0.49A	48W	5000K	>80	2x4	110

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the LED Flat Panel in a 77°F ambient, (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

Lumen Ambient Temperature (LAT) Multipliers

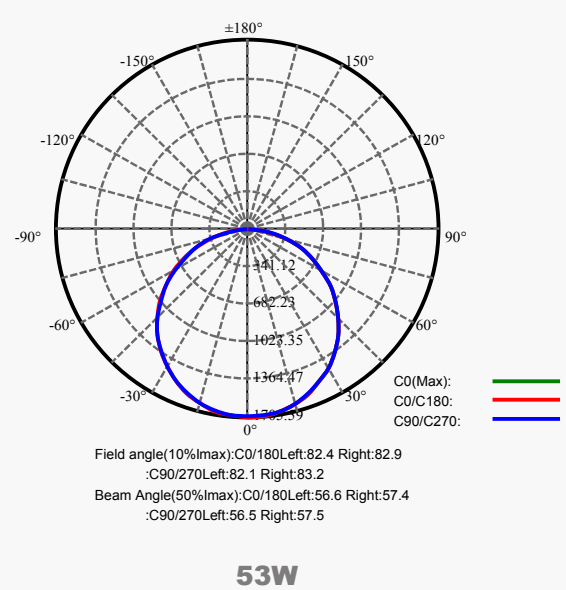
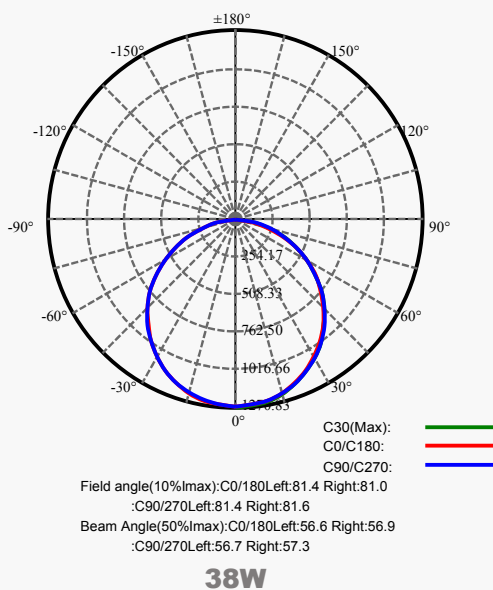
Use these factors to determine relative lumen output for average ambient temperature from -4-104°F (-20-40°C)

Ambient		Multiplier
Celsius	Fahrenheit	
0	32	1.02
10	50	1.01
20	68	1.00
25	77	1.00
30	86	1.00
40	104	0.99

Operating Hours	0	3,000	7,000	16,000	72,000
Lumen Maintenance Factor	1.0	0.98(L98)	0.96(L96)	0.92(L92)	0.70(L70)

Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



PRODUCT SPECIFICATIONS

ELECTRICAL SYSTEM

- Input voltage: 120-277V
- 50/60Hz
- Class 2 driver
- Power Factor: >0.9
- Total Harmonic Distortion: <20% at full load
- Working Temperature: -20~40°C (-4~104°F)
- Standard 1-10V dimming
- Short Circuit Protection and LED Disconnection Protection

System Wattage	Max THD (%)	Power Factor	Power Efficiency	Replace Wattage
38W	20	>0.9	90%	3x17W FL
53W	20	>0.9	90%	3x32W FL and 4x32W FL

CERTIFICATIONS AND QUALIFICATIONS

- DLC qualified. Please refer to <http://www.designlights.org/QPL> for most current information
- Suitable for dry locations
- Type IC Rated, suitable for insulated ceilings
- RoHS compliant

Warranty

Five year limited warranty. Full warranty terms located at www.abovealllighting.com/warrantystatements

Note: Specifications subject to change without notice.