FPA Series

LED Panel

GradeONE™

Product Overview

The FPA high lumen 2x4 LED panel offers up to 9000 lumens, with 5 field-selectable lumen and CCT options. Built with long-lasting LEDs with an 169,000 hour L70 rating, it is designed for reliable performance in a variety of commercial indoor applications. An optional emergency driver ensures emergency operation during power outages.



Key Features

Data is based on the 4000K CCT setting.

Lumens:	4090 | 5500 | 6700 | 7800 | 9127	**Voltage:**	120-277V
Wattage:	27 | 37 | 47 | 56 | 67	**Operating Temperature:**	-20°C to 45°C (-4°F to 113°F)
LPW:	147 | 145 | 142 | 138 | 135	**Housing:**	Steel
Color Temperature:	3000K | 3500K | 4000K | 5000K | 6500K	**Finish:**	White
CRI:	80	**Mounting Options:**	Recessed Mounting
Optics | Beam Angle:	Wide	**Lifespan:**	169,000
Light Source:	LED	**Warranty:**	5-Yr Limited Warranty
Dimmable:	0-10V Dimming leads are available for use in the field	**Ratings and Certifications:**	cULus, Damp Location, FCC Part 15, Subpart B, Class B

Ordering Information

Refer to the ordering table to select the appropriate options for your application.

Example: FPA24S9LULSCTWHEB

SERIES	**STANDARD SIZE**	**LUMENS**	**VOLTAGE**	**CCT**	**FINISH**	**BATTERY BACKUP**
FPA	**24S** 2x4	**9L** 9000 Lumens	**UL** 120-277V	**SCT** 3000K | 3500K | 4000K | 5000K | 6500K	**WH** White	**Blank** **EB** Emergency Driver

c UL us LISTED · SELECTABLE · DIMMABLE · 120V-277V VOLTAGE · 80+ CRI · DAMP LOCATION · FC · 5 YEAR WARRANTY

Website: www.lightingproplus.com
Office: 7095 South Ballpark Drive, STE 320 Franklin, WI 53132
Customer Service: (833)730-3259
Email: support@lightingproplus.com

Rev. Date: V1 11/06/2026

Performance Data

Luminaire Performance

PRODUCT	MEASUREMENTS	30W					40W					50W				
		3000K	3500K	4000K	5000K	6500K	3000K	3500K	4000K	5000K	6500K	3000K	3500K	4000K	5000K	6500K
FPA	Lumens	4035	4068	4091	4051	3995	5316	5509	5520	5453	5348	6438	6650	6709	6624	6465
	Watt	28.5	27.9	27.7	28	28.2	38.4	38.8	37.9	38.6	38.8	48.4	47.9	47	48.4	48.8
	LPW	141.58	145.81	147.69	144.68	141.67	138.44	141.98	145.65	141.27	137.84	133.02	138.83	142.74	136.86	132.48

PRODUCT	MEASUREMENTS	60W					72W				
		3000K	3500K	4000K	5000K	6500K	3000K	3500K	4000K	5000K	6500K
FPA	Lumens	7512	7813	7908	7783	7555	8630	9016	9127	8948	8736
	Watt	58.4	57.7	56.9	58.6	59.2	70.1	68.4	67.4	69.5	71
	LPW	128.63	135.41	138.98	132.82	127.62	123.11	131.81	135.42	128.75	123.04

Electrical Performance

OPERATING TEMPERATURE RANGE	ESTIMATED L_{70} LIFETIME @ 25°C (77°F)	POWER FACTOR	TOTAL HARMONIC DISTORTION	DIMMABLE	SURGE PROTECTION
-20°C to 45°C (-4°F to 113°F)	L70>169,000 Hrs.	>0.9 at full load	<20% at full load	0-10V Dimming leads are available for use in the field	1kV

AMP Draw

	CCT	30W			40W			50W			60W			72W		
		120V	240V	277V	120V	240V	277V	120V	240V	277V	120V	240V	277V	120V	240V	277V
FPA	3000K	0.24	0.12	0.10	0.32	0.16	0.14	0.40	0.20	0.17	0.49	0.24	0.21	0.58	0.29	0.25
	3500K	0.23	0.12	0.10	0.32	0.16	0.14	0.40	0.20	0.17	0.48	0.24	0.21	0.57	0.29	0.25
	4000K	0.23	0.12	0.10	0.32	0.16	0.14	0.39	0.20	0.17	0.47	0.24	0.21	0.56	0.28	0.24
	5000K	0.23	0.12	0.10	0.32	0.16	0.14	0.40	0.20	0.17	0.49	0.24	0.21	0.58	0.29	0.25
	6500K	0.24	0.12	0.10	0.32	0.16	0.14	0.41	0.20	0.17	0.49	0.25	0.21	0.59	0.30	0.26

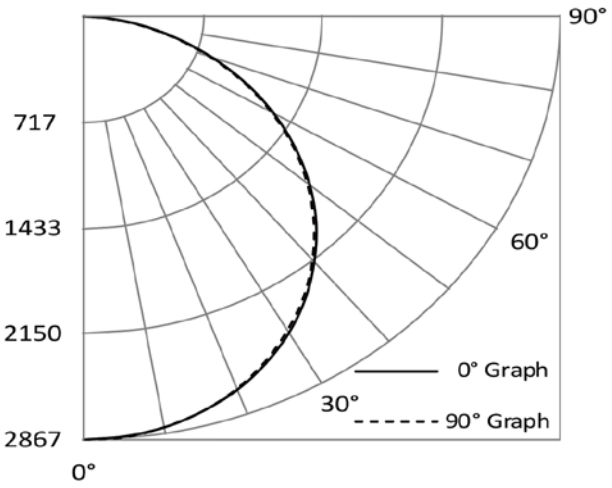
c UL us LISTED · SELECTABLE DIMMABLE · 120V-277V VOLTAGE · 80+ CRI · DAMP LOCATION · FC · 5 YEAR WARRANTY

Website: www.lightingproplus.com
Office: 7095 South Ballpark Drive, STE 320 Franklin, WI 53132
Customer Service: (833)730-3259
Email: support@lightingproplus.com

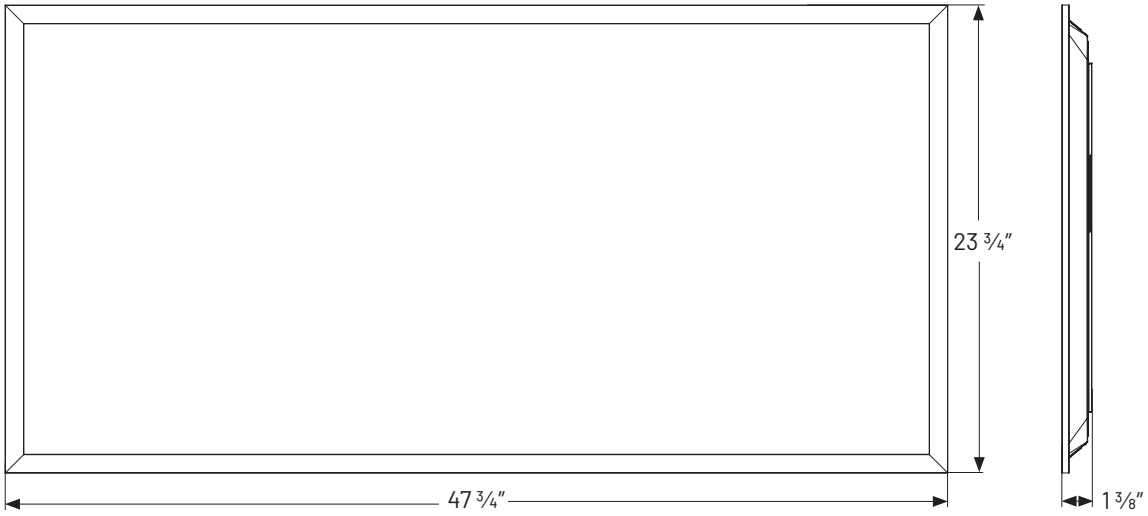
GradeONE™

Photometric Distribution

FPA



Line Drawings



Fixture Dimensions

SERIES	MOUNTING OPTIONS	RECOMMENDED MOUNTING HEIGHT	PRODUCT DIMENSIONS (L x W x H - FRACTIONS ROUNDED UP TO THE NEAREST 1/8")	PRODUCT WEIGHT (LBS.)
FPA24S9LULSCTWH	Recessed Mounting	10 to 15 Feet	47 ¾" L × 23 ¾" W × 1 ⅜" H	6.6
FPA24S9LULSCTWHEB				7.86

Website: www.lightingproplus.com
Office: 7095 South Ballpark Drive, STE 320 Franklin, WI 53132
Customer Service: (833)730-3259
Email: support@lightingproplus.com

Accessories

	EMERGENCY DRIVER
	SKU: EB USE: Emergency Driver

© 2026 GradeOne, all rights reserved. For informational purposes only. Content is subject to change. The UL logo is a registered trademark of UL LLC.

Website: www.lightingproplus.com
Office: 7095 South Ballpark Drive, STE 320 Franklin, WI 53132
Customer Service: (833)730-3259
Email: support@lightingproplus.com