

Product Overview

The high-performing, versatile FB LED panel offers 3 field-selectable lumen and CCT options to deliver reliable LED illumination for a wide range of commercial indoor universal voltage applications. It offers smooth, flicker-free light output for maximum visual comfort and is 0-10V dimmable, with a choice of 2 optional dimming switches. Energy-efficient, easily installed with up to 144,000 hours of reliable operation, and backed by a 5-year warranty, FB maximizes the value of a LED lighting investment.



Key Features

Data is based on the 4000K CCT setting.

Lumens:	FB1X4A 2729 3713 4342 FB2X2A 2802 3810 4290 FB2X4A 3323 4576 5247
Wattage:	FB1X4A 19 27 33 FB2X2A 19 27 32 FB2X4A 23 32 37
LPW:	FB1X4A 140 137 131 FB2X2A 145 142 135 FB2X4A 148 144 141
Color Temperature:	3500K 4000K 5000K
CRI:	80
Optics Beam Angle:	115°
Light Source:	LED

Dimmable:	0-10V Dimming leads are available for use in the field
Voltage:	120-277V
Operating Temperature:	-20°C to 40°C (-4°F to 104°F)
Housing:	Steel
Finish:	White
Mounting Options:	Ceiling Mount, Suspended Mounting
Lifespan:	144,000
Warranty:	5-Yr Limited Warranty
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: FB1X4A40LWDULSCTWH-2PK

SERIES	LUMENS	OPTICS	VOLTAGE	CCT	FINISH	BATTERY BACKUP	QUANTITY PER PACK
FB1X4A	40L 4000 Lumens	WD Wide Optic	UL 120-277V	SCT 3500K 4000K 5000K	WH White	Blank	-2PK 2-Pack
FB2X2A						EB5 Battery Backup 5	Blank Single (EB Only)
FB2X4A						EB10 Battery Backup 10 EB13 Battery Backup 13	



Performance Data

Luminaire Performance

PRODUCT	MEASUREMENTS	CRI	LOW LUMENS			MEDIUM LUMENS			HIGH LUMENS		
			3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
FB1X4A	Lumens	80	2584	2729	2656	3425	3713	3531	4085	4342	4218
	Watt		20	19	20	28	27	28	35	33	34
	LPW		127	140	132	122	137	127	117	131	123
FB2X2A	Lumens	80	2733	2802	2810	3620	3810	3743	4072	4290	4179
	Watt		20	19	20	28	27	28	32	32	32
	LPW		136	145	141	131	142	136	126	135	130
FB2X4A	Lumens	80	3284	3323	3389	4448	4576	4538	5015	5247	5157
	Watt		24	23	24	33	32	33	38	37	36
	LPW		138	148	144	134	144	138	131	141	137

Emergency Driver Performance

PART NUMBER	EM5		EM10		EM13	
MODEL	WATTS	EM LUMENS	WATTS	EM LUMENS	WATTS	EM LUMENS
FB1X4A	5	650	10	1300	13	1690
FB2X2A	5	650	10	1300	13	1690
FB2X4A	5	650	10	1300	13	1690

Electrical Performance

OPERATING TEMPERATURE RANGE	ESTIMATED L ₇₀ LIFETIME @ 25°C (77°F)	POWER FACTOR	TOTAL HARMONIC DISTORTION	DIMMABLE	SURGE PROTECTION
-20°C to 40°C (-4°F to 104°F)	L70>144,000 Hrs.	>0.9 at full load	<20% at full load	0-10V Dimming leads are available for use in the field	1kV



Website: www.lightingproplus.com

Office: 7095 South Ballpark Drive, STE 320 Franklin, WI 53132

Customer Service: (833) 730-3259

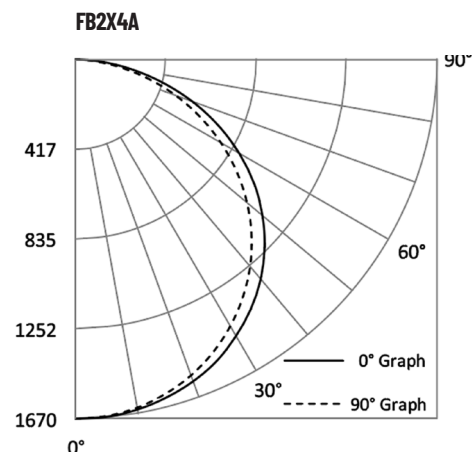
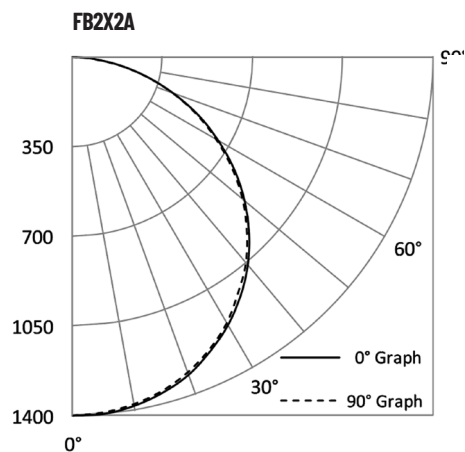
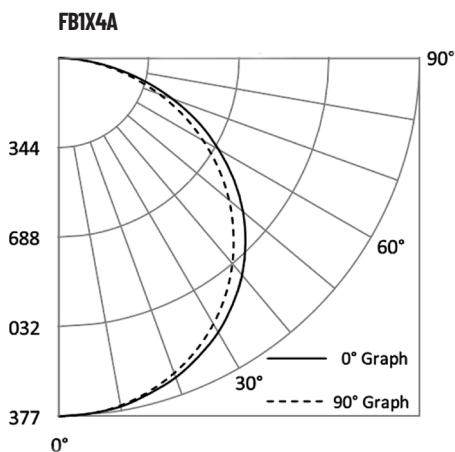
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AMP Draw

	CCT	LOW LUMENS			MID LUMENS			HIGH LUMENS		
		120V	240V	277V	120V	240V	277V	120V	240V	277V
FB1X4A	3500K	0.17	0.08	0.07	0.23	0.12	0.1	0.29	0.15	0.13
	4000K	0.16	0.08	0.07	0.23	0.11	0.1	0.28	0.14	0.12
	5000K	0.17	0.08	0.07	0.23	0.12	0.1	0.28	0.14	0.12
FB2X2A	CCT	LOW LUMENS			MID LUMENS			HIGH LUMENS		
		120V	240V	277V	120V	240V	277V	120V	240V	277V
	3500K	0.17	0.08	0.07	0.23	0.12	0.01	0.27	0.13	0.12
	4000K	0.16	0.08	0.07	0.23	0.11	0.1	0.27	0.13	0.12
FB2X4A	CCT	LOW LUMENS			MID LUMENS			HIGH LUMENS		
		120V	240V	277V	120V	240V	277V	120V	240V	277V
	3500K	0.2	0.1	0.09	0.28	0.14	0.12	0.32	0.16	0.14
	4000K	0.19	0.1	0.08	0.27	0.13	0.12	0.31	0.15	0.13
	5000K	0.2	0.1	0.09	0.28	0.14	0.12	0.32	0.16	0.14

Photometric Distribution



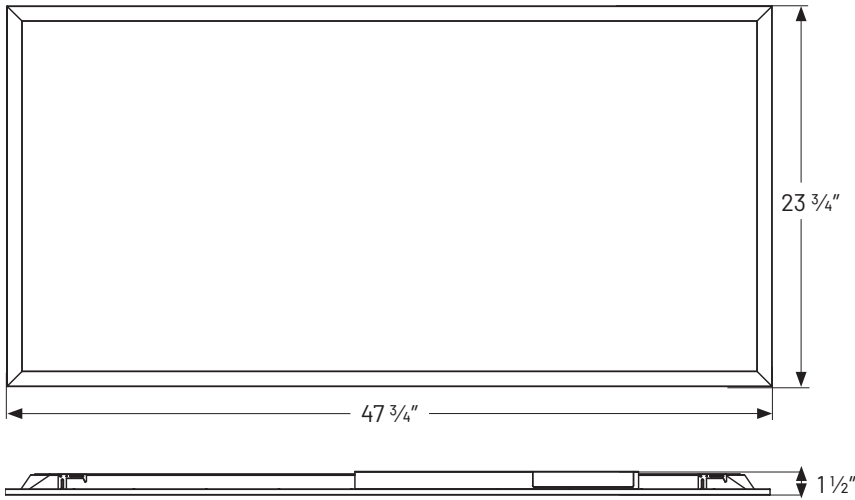
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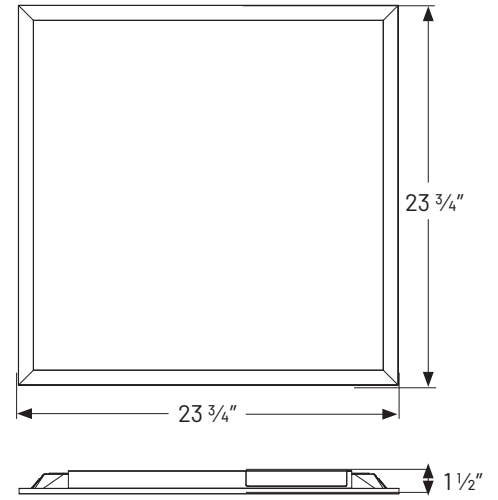
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Line Drawings

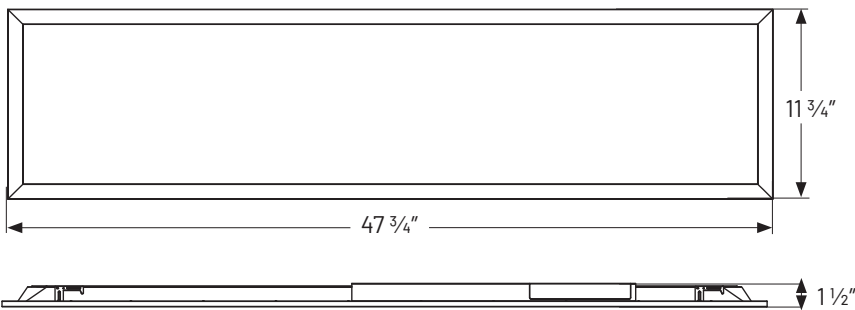
FB2X4A



FB2X2A



FB1X4A



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.)
FB1X4A	Ceiling Mount, Suspended Mounting	7 to 10 Feet	47 3/4" L x 11 3/4" W x 1 1/2" H	6
FB2X2A		7 to 10 Feet	23 3/4" L x 23 3/4" W x 1 1/2" H	4
FB2X4A		7 to 10 Feet	47 3/4" L x 23 3/4" W x 1 1/2" H	9



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Accessories

	0-10V DIMMER, TOGGLE SWITCH		0-10V DIMMER, DECORA SWITCH
	SKU: DWS-010-T		SKU: DWS-010-D

