



JFP EDGE-LIT FLAT PANEL TROFFER SERIES

Product Description

The JADEMAR JFP series is a recessed mounted, flat panel LED luminaire designed for interior residential, commercial and retail applications where zero glare, highly diffused ambient lighting is required.

The JFP series features an edge lit LED design that provides seamless, glare free illumination in a slim 1.8in total luminaire and power supply width. A powder coated aluminum housing ensures corrosion free life span in damp or dust prone applications.

The JFP series includes 0-10VDC continuous / PWM / Rx dimming for use with existing control systems or for integration with building networked systems. The standard power supply is rated for normal operation in up to 122F plenum environments.

Controlled binning ensures both consistent LED color and brightness distribution across large spans of open ambient illumination areas.

The JFP series includes standard models for high volume applications where the most economical cost is required and high efficacy (HE) models for integration in applications where optimal energy savings is required.

Features

- Luminaire & Power Supply Profile at 1.8" Maximum
- 0-10VAC Continuous/ PWM/ Rx Dimming Standard
- Damp Listed Aluminum Powder Coat Finish
- Consistent LED Color and Brightness Distribution

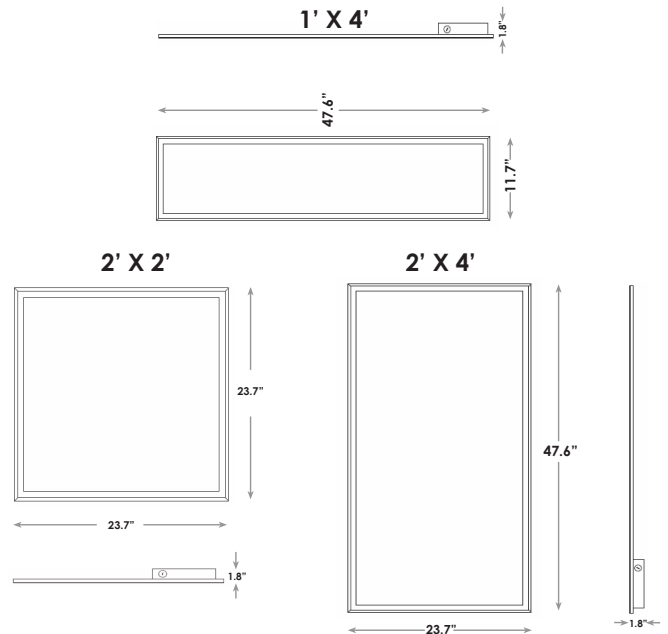
Certifications



Performance Summary

Sizes	1'x4', 2'x2', and 2'x4'
Input Power	28W/ 30W/ 36W/ 40W/ 50W
Efficacy	up to 125Lms/W
CCT	4000K / 5000K
CRI	>80
Input Voltage	100-277VAC
Dimming	0-10V Dimming
Warranty	5 Years

Product Dimensions





SPECIFICATION SUBMITTAL DETAIL

Project Name/Type:		Date:
Catalog/Part #:		

JFP Edge-Lit Flat Panel Troffer Series

ORDERING INFORMATION / Example: **JFP14-36W-HE-30K-90-EM20**

Product Series	Lumen Efficacy	Input Voltage	CCT	CRI	Dimming	Emergency BB Unit
JFP14-30W JFP14-36W-HE JFP14-40W	Blank (100 Lms/w)	Blank (100-277VAC) Standard	30K (3000K) 35K (3500K) 40K (4000K) 50K (5000K)	Blank (80 CRI) Standard 90 (90CRI)	D (0-10V Dimming) Standard	EM15 (15W Emergency Battery Backup) EM20 (20W Emergency Battery Backup)
JFP22-28W-HE JFP22-30W JFP22-36W-HE JFP22-40W	HE (125 Lms/w) 1x4 (36W) 2x2 (28W & 36W)					
JFP24-36W-HE JFP24-40W JFP24-50W	2x4 (36W)					

Performance and Electrical Data

Model	JFP14-30W	JFP14-36W-HE	JFP14-40W	JFP22-28W-HE	JFP22-30W	JFP22-36W-HE	JFP22-40W	JFP24-36W-HE	JFP24-40W	JFP24-50W
Standard Dimensions	1' x 4'			2' x 2'				2' x 4'		
Maximum Dimensions (L x W x H)	47.6" x 11.8" x 1.8"			23.7" x 23.7" x 1.8"				23.7" x 47.6" x 1.8"		
Nominal Watts	30W	36W	40W	28W	30W	36W	40W	36W	40W	50W
Tested Lumens	3060	4791.9	4080	3741	3357	4490	4156	4643.1	4462.3	5174.8
Rated Lumens	3000	4500	4000	3500	3100	4500	4100	4500	4400	5500
Tested Efficacy (Lms/W)	103	131	103	128.7	113.79	125.77	103.65	125.7	112.69	107.58
Weight (Lbs)	8.5 lbs.			15 lbs.				18 lbs.		
Input Voltage (VAC)	100-277VAC									
Power Factor	>0.9									
CCT Options (K)	3000K/ 3500K/ 4000K/ 5000K									
CRI	>90									
Ambient Working Temp.	-20°C to 40°C (-5°F - 104°F)									
THD @ 120VAC (%)	<20%									
Calculated L70 Lifespan (Hrs.)	L70 139,000Hrs / L80 114,000Hrs / L90 102,000Hrs									
Ingress Protection	ETL Damp Location									
Control Specification	0-10VDC Continuous Dimming									
Beam Angle / Field Angle (Nominal)	115°/ 165°									
Construction	Aluminum- Powder Coat Finish/ Edge Lit Diffused Lens									
Certifications	ETL Listed									
Limited Warranty	10 Yrs.									



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Information contained herein is subject to change without notice.
Values are nominal. All values conform to DLC tolerances.
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