

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.

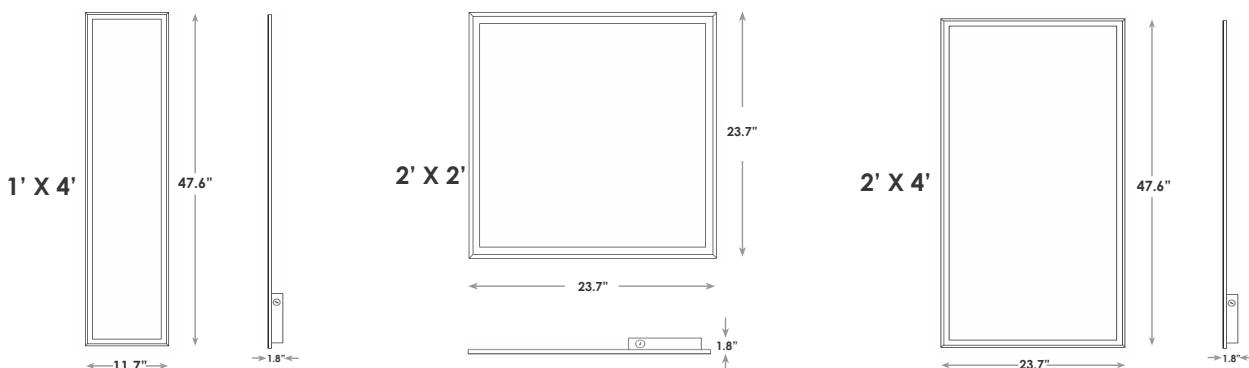
Controlled binning ensures both consistent LED color and brightness distribution across large spans of open ambient illumination areas.

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

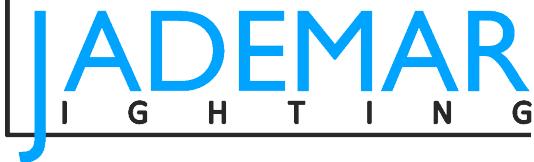
Product Dimensions



Performance Summary

Sizes	1'x4', 2'x2', and 2'x4'
Input Power	28W / 30W / 36W / 40W / 46W / 50W
Efficacy	125Lms/W on average
CCT	3000K/3500K/4000K/5000K
CRI	>80
Input Voltage	100-277VAC
Dimming	0-10V Dimming
Warranty	5 Years





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						
JFP22-28W-HE	Blank (100 Lms/W)					
JFP22-30W	HE (125 Lms/W)					
JFP22-36W-HE	1x4- 36W	Blank (100-277VAC)	30K (3000K)	Blank (80 CRI)	D (0-10V Dimming)	EM15 (15W EM BB Unit)
JFP22-40W	2x2-28W	Standard	35K (3500K)	Standard	Standard	EM20 (20W EM BB Unit)
JFP24-36W-HE	2x2-30W		40K (4000K)	90 (90CRI)		
JFP24-40W	2x2-36W		50K (5000K)			
JFP24-46W-HE	2x4-36W					
JFP24-50W						

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	JFP24-46W-HE	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	46W	50W								
Tested Lumens	3060	4791.9	4080	3741	3357	4490	4156	4643.1	4462.3	5834.9	5174.8								
Rated Lumens	3000	4500	4000	3500	3100	4500	4100	4500	4400	5750	5500								
Tested Efficacy (Lms/W)	103	131	103	128.7	113.79	125.77	103.65	125.7	112.69	128.81	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.	-5F - 104F																		
THD @ 120VAC (%)	<20																		
Calculated L70 Lifespan (Hrs.)	<60,000Hrs																		
Ingress Protection	ETL Damp Location																		
Control Specification	0-10VDC Continous Dimming Standard																		
Beam Angle / Field Angle (Nominal)	115° / 165°																		
Construction	Aluminum- Powder Coat Finish/ Edge Lit Diffused Lens																		
Certifications	ETL/ CcETL Damp Location																		
Limited Warranty	10 Yrs.																		

