

## 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.

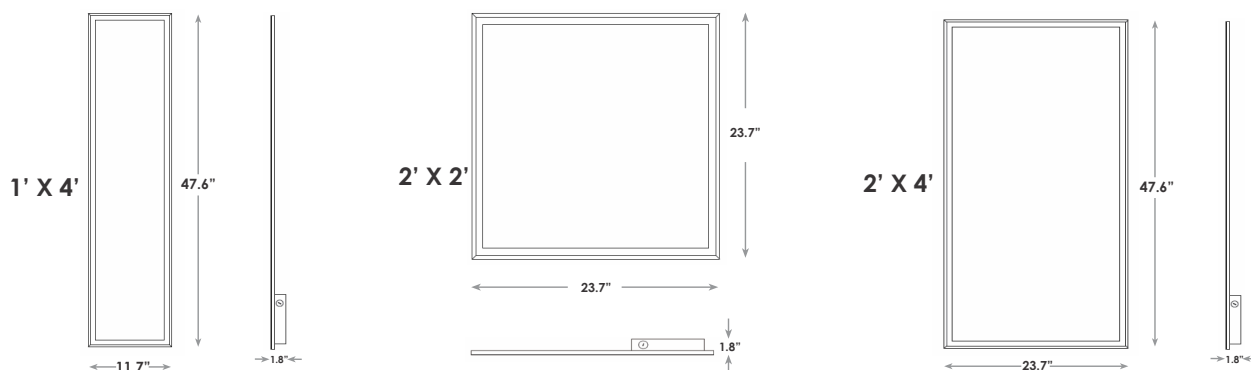
Controlled binning ensures both consistent LED color and brightness distribution across large spans of open ambient illumination areas.

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

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



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

