

JFP-BL-CPS BACK-LIT LED CCT & POWER SELECTABLE FLAT PANEL TROFFER SERIES

Product Description

The Jademar **JFP-BL-CPS** series of Dual Selectable Flat Panels are commercial luminaires utilizing advanced driver technology to provide an all in one luminaire. This series of flat panel troffer provide three wattage and three CCT options in each size model. These features allow for superior lighting performance while minimizing inventory by reducing the amount of stocking SKUs.

The **JFP-BL-CPS** series achieves high uniformity, premium energy efficiency, and reduced glare in typical T-bar grid ceiling applications. Our state-of-the-art backlit LED technology utilizes PMMA lensing over the LEDs which will not discolor over time. The need for a light guide is eliminated, thus increasing photometric performance while keeping costs competitive. Combined with the rigid back enclosure that prevents warping in application, this luminaire is designed for worry-free longevity and reliability. Available with factory installed battery backup for 90 minutes emergency egress illumination.

Features

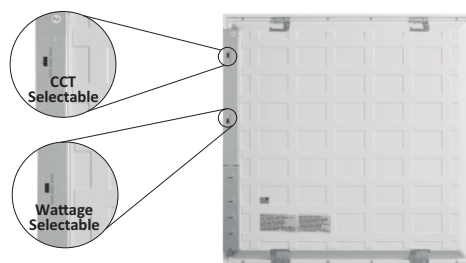
- **Construction:** Aluminum frame in white finish and steel die-formed back enclosure
- **Optics:**
 - PMMA lenses over LEDs /PS diffuser
 - SDCM <5 / UGR <22
 - 120° Beam Angle
- **Dimming:** 0-10V Dimming (10%-100%)
- **Ambient Operating Temperature:** -20°C to 35°C (4°F to 95°F)
- **Certifications & Compliance:**
 - UL Listed for Damp Locations
 - IC Rated for Insulated Ceilings
 - RoHS
 - FCC
- **Warranty:** 5 Years
- **Mounting Options:**
 - Recessed in T-bar Grid Ceiling Mount with integral earthquake clips for secure attachment
 - Surface Mount and Suspension Mount with cable kit accessories available



Performance Summary

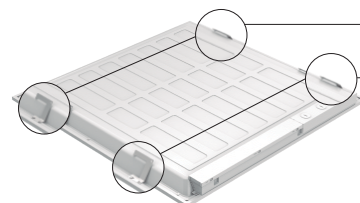
Sizes	1'x4', 2'x2', and 2'x4'
Input Power	1' X 4' = 20W / 30W / 40W 2' X 2' = 20W / 30W / 36W 2' X 4' = 30W / 40W / 45W
Efficacy	126 Lms/W on average
CCT	3500K / 4000K / 5000K
CRI	>80
Input Voltage	100-277VAC
Dimming	0-10V Dimming
Lifetime	L70 @ 183,000 / L80 @ 143,000 / L90 @ 121,000
Warranty	10 Years Limited

Certifications



INSTALLATION

- Recessed in T-bar Grid ceiling with integral earthquake clips for secure attachment
- Surface Mount and Suspension Mount cable kit accessories available



SPECIFICATION SUBMITTAL DETAIL

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

JFP Back-Lit Flat Panel Troffer Series

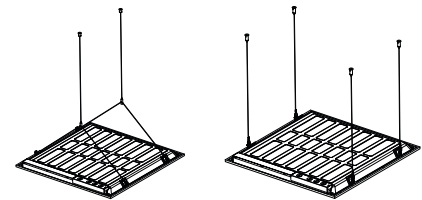
Ordering Information / Example: **JFP-BL-CPS-14-25W-P-35K-90-D-EM15**

Product Series	Size	Selectable Wattage	CCT Selectable	Input Voltage	CRI	Dimming	Emergency BB Unit
JFP-BL-CPS	14 (1' x 4')	40W (20W / 30W / 40W)	Blank (3500K / 4000K / 5000K)	Blank (100-277VAC) Standard H (100-347VAC)	Blank (80 CRI) Standard	D (0-10V Dimming) Standard	EM15 (15W EM BB Unit)
	22 (2' x 2')	36W (20W / 30W / 36W)					
	24 (2' x 4')	45W (30W / 40W / 45W)					

Field Installed Options

Model Number	Description
JFL-BL-CPS-SMK14	1' x 4' Surface Mounting Kit
JFL-BL-CPS-SMK22	2' x 2' Surface Mounting Kit
JFL-BL-CPS-SMK24	2' x 4' Surface Mounting Kit

Model Number	Description
JFL-BL-CPS-SCMK14-2C	1' x 4' Suspension Cable Mounting Kit (2-Cables)
JFL-BL-CPS-SCMK22-2C	2' x 2' Suspension Cable Mounting Kit (2-Cables)
JFL-BL-CPS-SCMK24-2C	2' x 4' Suspension Cable Mounting Kit (2-Cables)
JFL-BL-CPS-SCMK14-4C	1' x 4' Suspension Cable Mounting Kit (4-Cables)
JFL-BL-CPS-SCMK22-4C	2' x 2' Suspension Cable Mounting Kit (4-Cables)
JFL-BL-CPS-SCMK24-4C	2' x 4' Suspension Cable Mounting Kit (4-Cables)



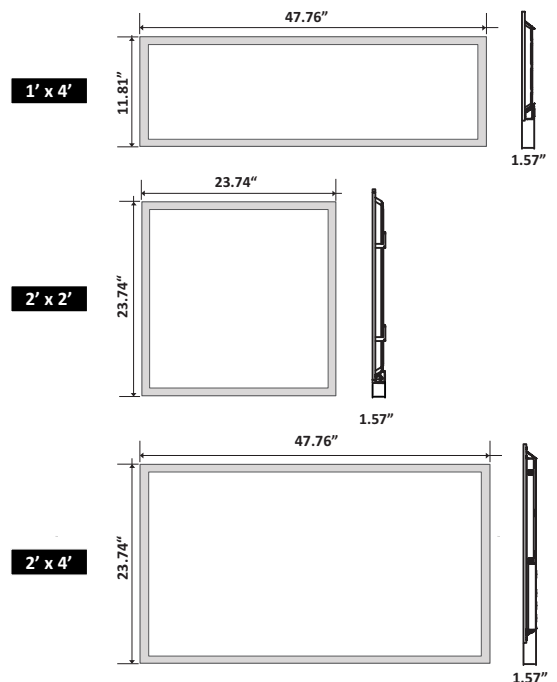
2-Cable Kit*

4-Cable Kit*

*more details on page 3

Performance and Electrical Data

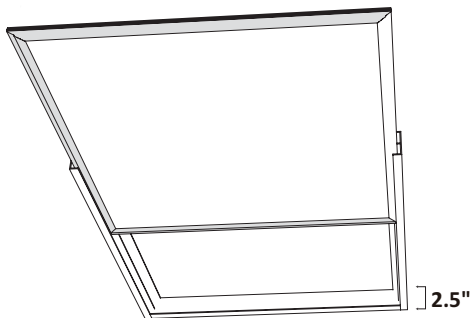
Model	JFP-BL-CPS-14-40W									JFP-BL-CPS-22-26W								
Standard Dimensions	1' x 4'									2' x 2'								
Maximum Dimensions (LxWxH)	47.75" x 11.81" x 1.57"									23.74" x 23.74" x 1.57"								
Selectable Watt Options	20W			30W			40W			20W			30W			36W		
Selectable CCT Options (K)	3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
Lumens	3750	3825	3825	5000	5100	5100	5625	5738	5738	3750	3825	3825	5000	5100	5100	5625	5738	5738
Tested Efficacy (Lms/W)	188	191	191	167	170	170	141	143	143	188	191	191	167	170	170	156	159	159
Model	JFP-BL-CPS-24-45W																	
Standard Dimensions	2' x 4'																	
Maximum Dimensions (LxWxH)	47.75" x 23.74" x 1.57"																	
Selectable Watt Options	30W			40W			45W											
Selectable CCT Options (K)	3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K									
Lumens	5000	5100	5100	5625	5738	5738	5625	5738	5738									
Tested Efficacy (Lms/W)	167	170	170	141	143	143	125	128	128									
Weight (Lbs)	5.2 lbs.																	
Input Voltage (VAC)	100-277VAC (Standard) or 120-347VAC																	
Power Factor	>0.9																	
CRI	>80																	
Ambient Working Temp.	-20°C+40°C (-4°F to 104°F)																	
THD @ 120VAC (%)	<20%																	
Calculated L70 Lifespan (Hrs.)	<60,000Hrs																	
Ingress Protection	ETL Damp Location																	



MOUNTING ACCESSORY KITS

Model Number	Description
JFL-BL-CPS-SMK14	1' x 4' Surface Mounting Kit
JFL-BL-CPS-SMK22	2' x 2' Surface Mounting Kit
JFL-BL-CPS-SMK24	2' x 4' Surface Mounting Kit

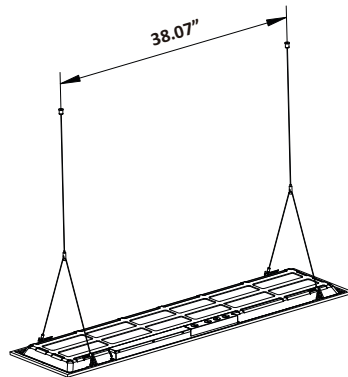
SURFACE MOUNT KITS



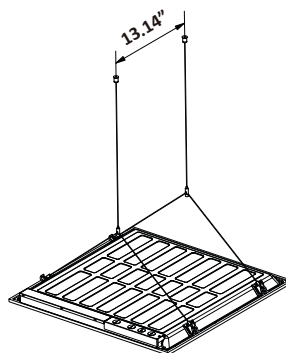
Model Number	Description
JFL-BL-CPS-SCMK14-2C	1' x 4' Suspension Cable Mounting Kit (2-Cables)
JFL-BL-CPS-SCMK22-2C	2' x 2' Suspension Cable Mounting Kit (2-Cables)
JFL-BL-CPS-SCMK24-2C	2' x 4' Suspension Cable Mounting Kit (2-Cables)
JFL-BL-CPS-SCMK14-4C	1' x 4' Suspension Cable Mounting Kit (4-Cables)
JFL-BL-CPS-SCMK22-4C	2' x 2' Suspension Cable Mounting Kit (4-Cables)
JFL-BL-CPS-SCMK24-4C	2' x 4' Suspension Cable Mounting Kit (4-Cables)

Max. Adjustment Range: 3.86 Feet; Min. Adjustment Range: 0.58 Feet

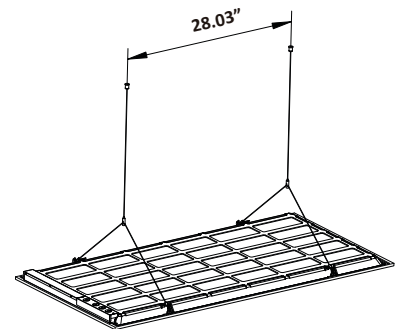
SUSPENSION CABLE MOUNT KITS



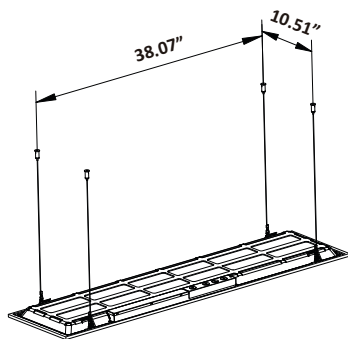
1' x 4' (2-Cable Kit)



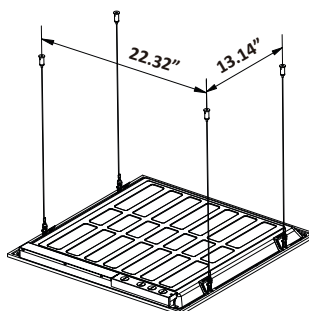
2' x 2' (2-Cable Kit)



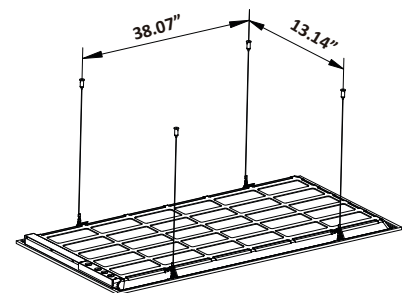
2' x 4' (2-Cable Kit)



1' x 4' (4-Cable Kit)



2' x 2' (4-Cable Kit)



2' x 4' (4-Cable Kit)

