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FLAT PANEL RETROFIT KIT
G3PNL-R (50/50) Series

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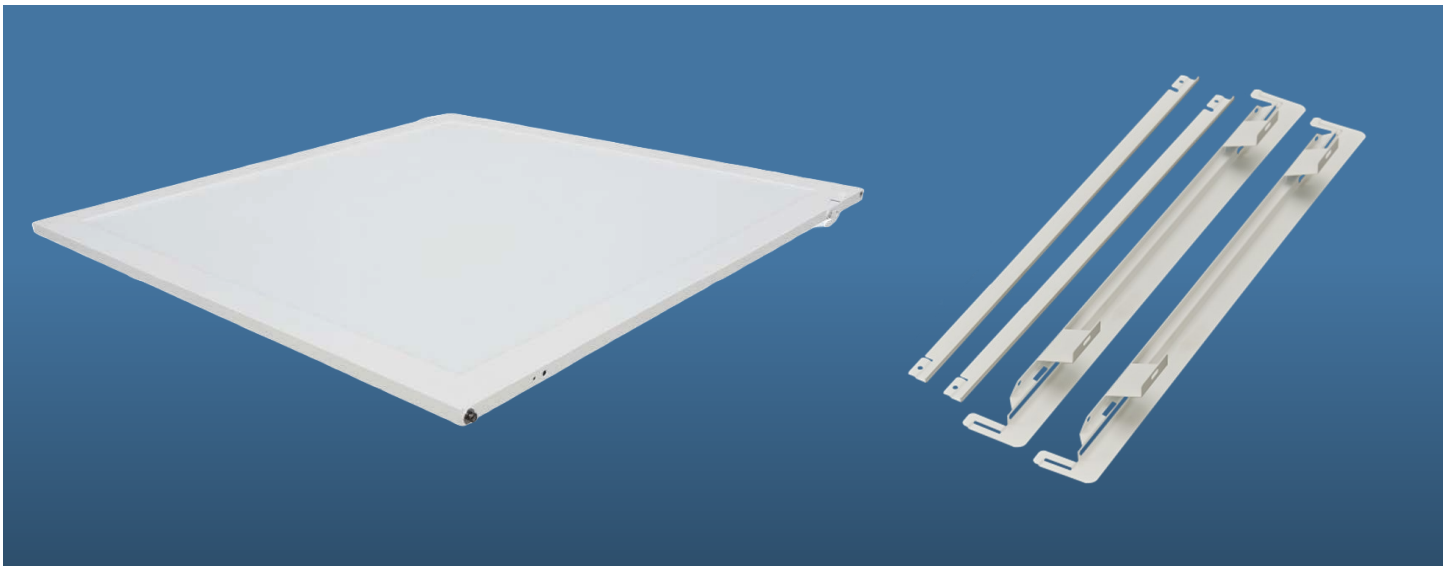
DESCRIPTION

Jaykal's LED Flat Panel Retrofit Kit provides a fast, cost-effective solution for upgrading existing fluorescent troffers and recessed fixtures to high-efficiency LED technology while utilizing the existing fixture housing. Designed to reduce installation time and labor costs, the retrofit kit easily transforms outdated lighting systems into modern, energy-efficient luminaires with improved light quality and performance.

The retrofit kit delivers exceptional reliability, reduced maintenance costs, and significant energy savings with Sensor-Ready design enables plug-and-play installation of required wireless sensors meeting DLC 6.0 Premium Listing.

FEATURES

- Wattage Selectable: From 13W to 36W
- CCT Selectable: 3000K/3500K/4000K/5000K/6500K
- Complies with IEEE 1789 Low Flicker Guidelines
- 5050 Bi-Level Dimming Standard
- Optional Mounting Accessories
- Emergency Backup Optional
- DLC 6.0 Premium



DLC LISTED · TAA COMPLIANT · c UL us LISTED · Power Selectable · UL LISTED DAMP LOCATION · FC · RoHS Compliant

Revised 11/06/2026

Specifications are typical values and may change without notification

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SPECIFICATIONS

MODEL	**JLS-G3PNL-R**		
INPUT VOLTAGE	120-277VAC 50/60hz		
SIZE	1X4	2X2	2X4
WATTAGE TYPE	M1	M1	M2
WATTAGE	13W/15W/18W/20W/22W/25W	13W/15W/18W/20W/22W/25W	18W/20W/24W/28W/32W/36W
EFFICACY	140lm/W		
LUMENS	1,820/2,100/2,520/2,800/3,080/3,500lm	1,820/2,100/2,520/2,800/3,080/3,500lm	2,520/2,800/3,360/3,920/4,480/5,040lm
L70 HOURS	100,000 hrs. +		
POWER FACTOR	>0.95@120VAC		
DIMMING	0-10V dimming		
0-10V SINK CURRENT	〈5mA		
THD	<20%		
PROTECTION	Integral short circuit, open circuit, and overload protection		
CRI	>80		
FLICKER	Complies with IEEE 1789 Low Flicker Guidelines		
CCT	MCCT (3000K/3500K/4000K/5000K/6500K Selectable)		
OPERATIONAL TEMP.	-20°C (-4°F) to 50°C (122°F)		
LENS	Frosted Polystyrene		
HOUSING MATERIAL	Steel and Extruded Aluminum		
UL RATING	Suitable for damp locations. IC rated		
FCC	FCC 47 CFR Part 15 Compliant		
WARRANTY	5 Years Standard/10 Years Optional		

ORDERING GUIDE

MODEL	SIZE	WATTAGE	CCT	DIMMING	EMERGENCY	DESIGNATION
JLS-G3PNL-R	**14** = 1X4	**M1** = 13W/15W/18W/20W/22W/25W	**8MCCT** = 30K/35K/40K/50K/65K	**50** = Bi-Level Dimming	**N** = None	**[TAA]**
	22 = 2X2	**M1** = 13W/15W/18W/20W/22W/25W			**EM** = Emergency Backup	**[COM]**
	24 = 2X4	**M2** = 18W/20W/24W/28W/32W/36W				

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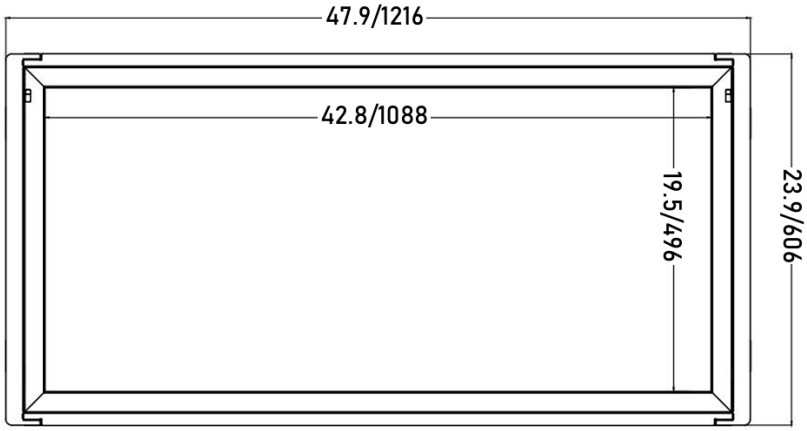
EM Backups

	8W EM Backup	JLS6810D-G2EM-08170-HY

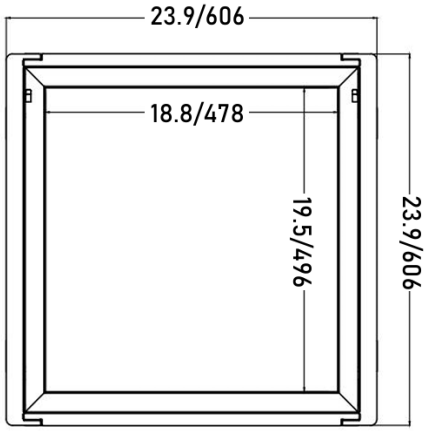
MOUNTING OPTIONS

	Mounting Bars with Air Return Function	JLS-G3PNL-R-PLENUM

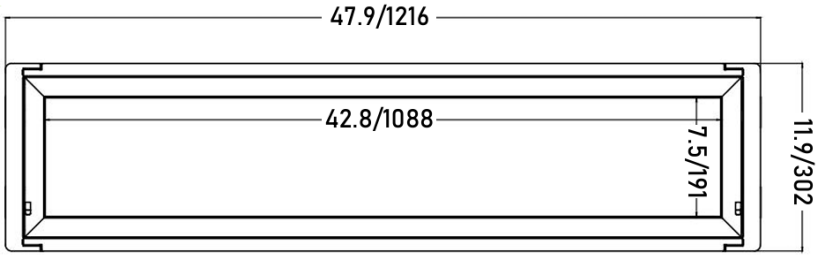
DIMENSIONS (Units : Inch/mm)



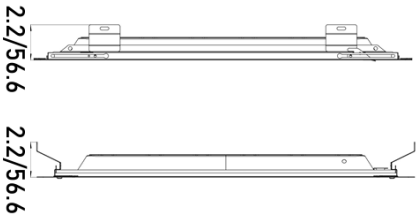
2X4



2X2



1X4



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