JAYKAL
efficiency. illuminated

FLAT PANEL RETROFIT KIT
G3PNL-R Series

G3PNL-R SENSOR READY FLAT PANEL

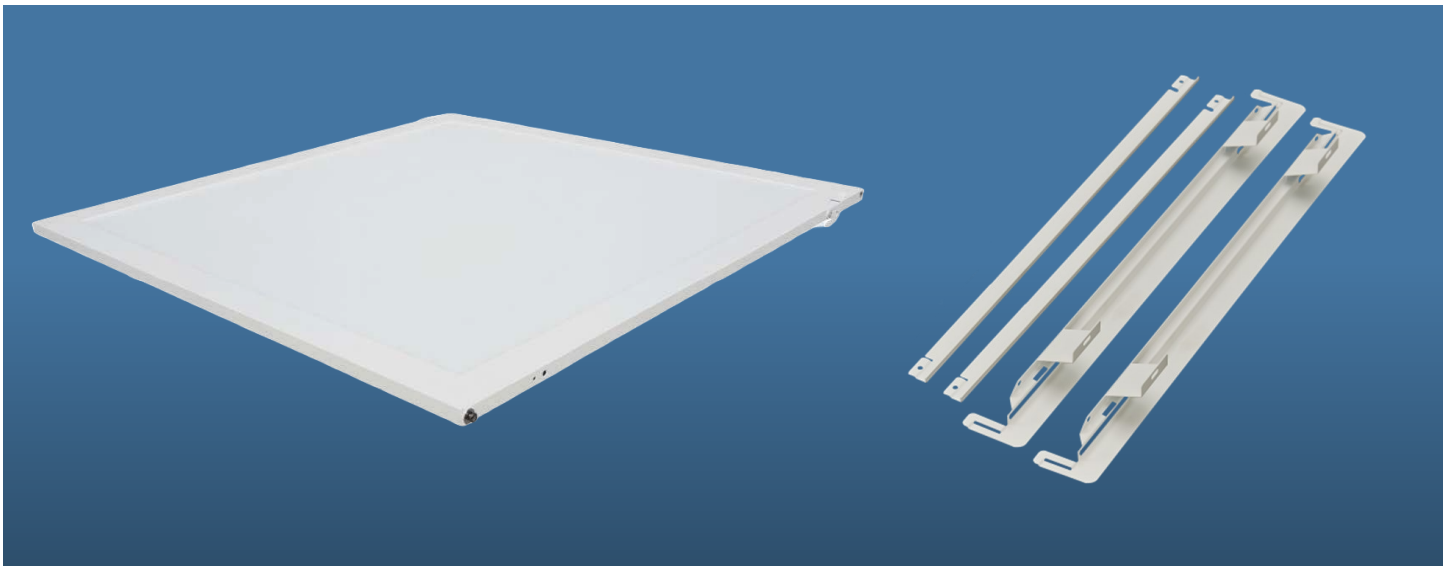
DESCRIPTION

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 Designed to reduce installation time and labor costs, the retrofit kit easily transforms outdated lighting systems into modern, energy-efficient luminaires with improved light quality and performance.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 16W to 43W
- CCT Selectable: 3000K/3500K/4000K/5000K/6500K
- Complies with IEEE 1789 Low Flicker Guidelines
- 0-10V Dimming Standard
- Sensor Ready Design
- 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

efficiency. illuminated.

JAYKAL
efficiency. illuminated

FLAT PANEL RETROFIT KIT
G3PNL-R Series

SPECIFICATIONS

MODEL	JLS-G3PNL-R		
INPUT VOLTAGE	120-277VAC 50/60hz		
SIZE	1X4	2X2	2X4
WATTAGE TYPE	M1	M1	M2
WATTAGE	16W/19W/26W/32W	16W/19W/26W/32W	22W/30W/36W/43W
EFFICACY	140lm/W		
LUMENS	2,240/2,660/3,640/4,480lm	2,240/2,660/3,640/4,480lm	3,080/4,200/5,040/6,020lm
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	-	EMERGENCY	DESIGNATION
JLS-G3PNL-R		**14** = 1X4		**M1** = 16W/19W/26W/32W		**8MCCT** = 30K/35K/40K/50K/65K		**N** = None	**[TAA]**
		22 = 2X2		**M1** = 16W/19W/26W/32W				**EM** = Emergency Backup	**[COM]**
		24 = 2X4		**M2** = 22W/30W/36W/43W					

Compatible Controls Guide

BRAND	MODEL	SENSOR TYPE
LumaLinx	JLS-ESS-IFS06R	ESSENTIAL (STAND ALONE)
LumaLinx	JLS-ESS-RM51	REMOTE CONTROL PROGRAMMER
LumaLinx	JLS-LLE-IFS108	ENHANCED (BLUETOOTH)

Specifications are typical values and may change without notification

efficiency. illuminated.

JAYKAL
efficiency. illuminated

FLAT PANEL RETROFIT KIT
G3PNL-R Series

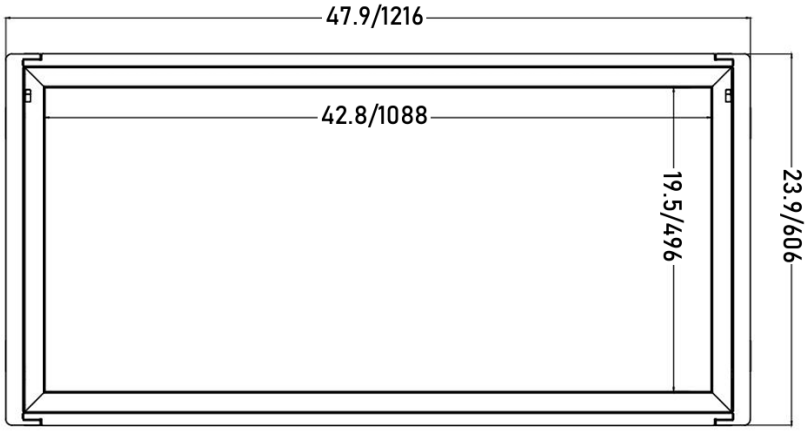
EM Backups

	8W EM Backup	JLS6810D-G2EM-08170-HY

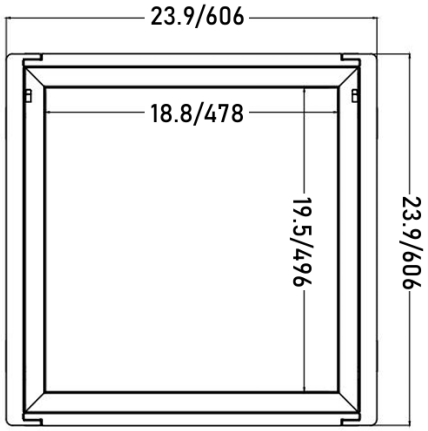
MOUNTING OPTIONS

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

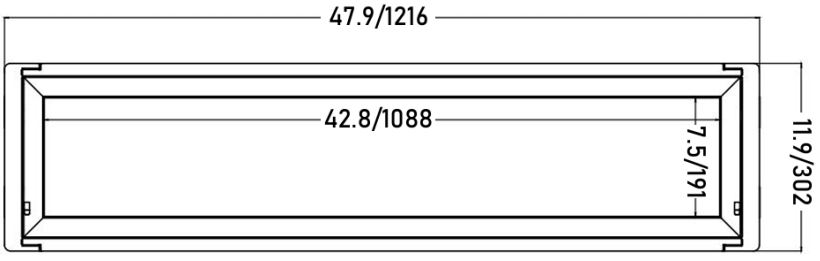
DIMENSIONS (Units : Inch/mm)



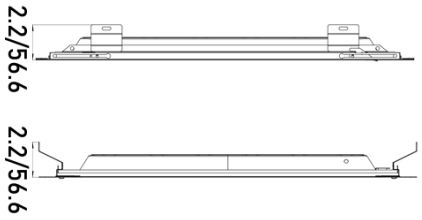
2X4



2X2



1X4



Specifications are typical values and may change without notification

efficiency. illuminated.