



SENSOR READY FLAT PANEL

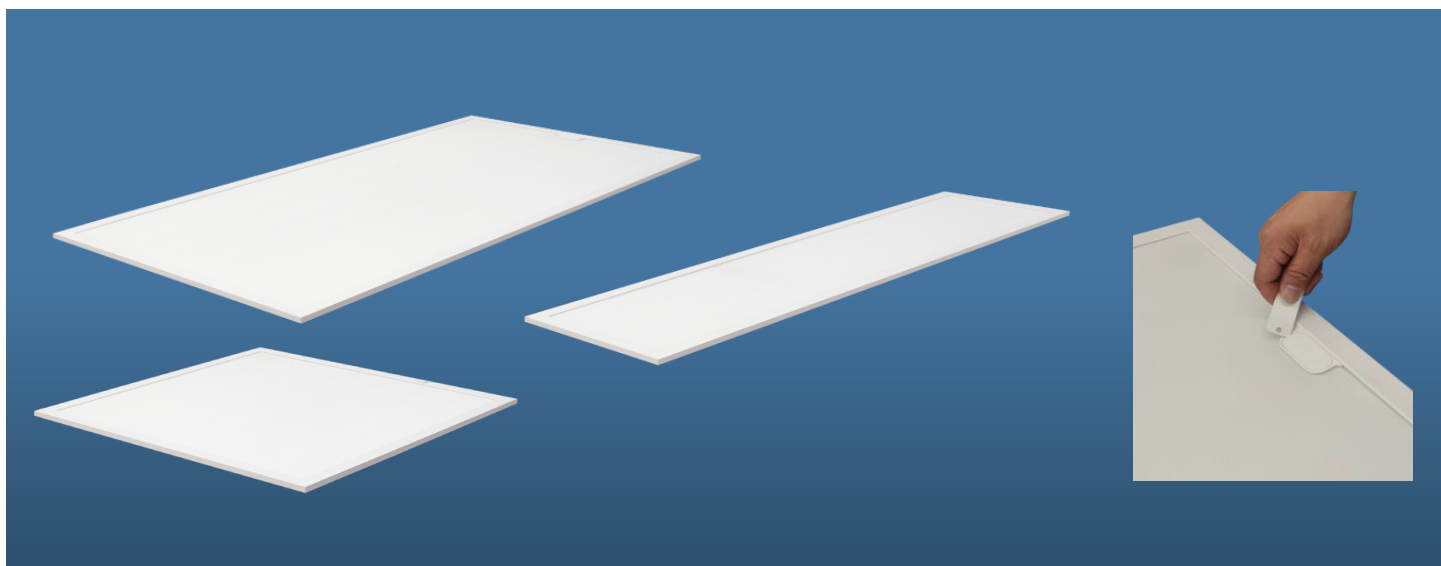
DESCRIPTION

Jaykal's LED Flat Panel fixtures are engineered for high-performance, energy-efficient LED systems for new or renovation construction. These fixtures provide a low-profile, back-lit LED panel design that delivers uniform illumination, reduced glare, and enhanced visual comfort suitable for commercial, institutional, and healthcare environments.

The fixture incorporates a sensor-ready LED driver for both plug-and-play basic controls (occupancy/vacancy and daylight harvesting sensors) and Bluetooth-enabled wireless control systems. This dual-capability architecture allows for seamless scalability—from standalone fixture-level control to networked lighting systems—without requiring driver replacement or re-wiring.

FEATURES

- Wattage Selectable: From 16W to 71W
- CCT Selectable: 3000K/3500K/4000K/5000K/6500K
- Flicker Free ($\leq 10\%$)
- 0-10V Dimming Standard
- Sensor Ready Design
- Optional Mounting Accessories
- EM Ready
- DLC 6.0 Premium





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efficiency. illuminated

FLAT PANEL FIXTURE

G3PNL-T Series

SPECIFICATIONS

MODEL	JLS-G3PNL-T			
INPUT VOLTAGE	120-277VAC 50/60hz			
SIZE	1X4	2X2	2X4	
WATTAGE TYPE	M1	M1	M2	M3
WATTAGE	16W/19W/26W/32W	16W/19W/26W/32W	22W/30W/36W/43W	42W/48W/54W/71W
EFFICACY@4000K	140lm/W			
LUMENS@4000K	2,240/2,660/3,640/4,480lm	2,240/2,660/3,640/4,480lm	3,080/4,200/5,040/6,020lm	5,880/6,720/7,560/9,940lm
L70 HOURS	100,000 hrs. +			
POWER FACTOR	>0.95@120VAC			
DRIVER	Driver includes dimming control wiring for 0-10V dimming systems. The dim-to-off voltage threshold of 12V AUX integrated driver ranges from 0.1V to 0.5V.			
PROTECTION	Integral short circuit, open circuit, and overload protection			
THD	<20%			
CRI	>80			
FLICKER	Produces no greater than 10 percent flicker at 200 Hz or below when paired with control devices per CEC Title 24 JA10			
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 Compliance			

ORDERING GUIDE

MODEL	-	SIZE	-	WATTAGE	-	CCT	-	EMERGENCY	DESIGNATION
JLS-G3PNL-T		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 M3 = 42W/48W/54W/71W					

Compatible Controls Guide

BRAND	MODEL	SENSOR TYPE
LumaLinx	JLS-ESS-IFS06R.B1	ESSENTIAL (STAND ALONE)
LumaLinx	JLS-ESS-RM51	REMOTE CONTROL PROGRAMMER
LumaLinx	JLS-LLE-IFS108.B2	ENHANCED (BLUETOOTH)

Specifications are typical values and may change without notification

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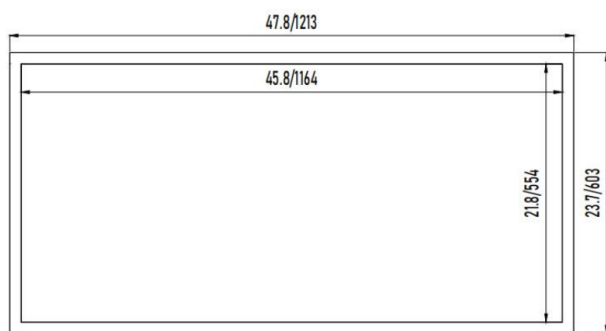
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G3PNL-T Series

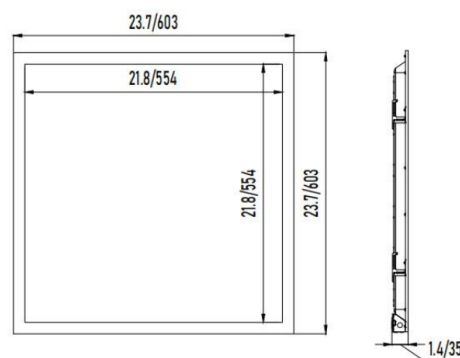
EM Backups

	8W EM Backup	JLS6810D-G2EM-08170-HY
	18W EM Backup	JLS6810D-G2EM-18170-HY

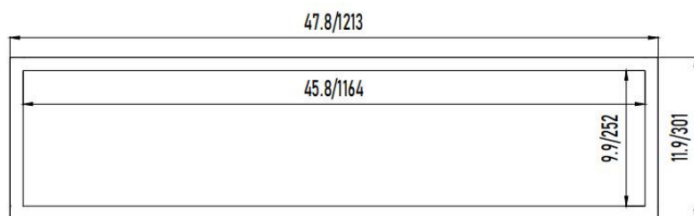
DIMENSIONS (Units : Inch/mm)



2X4



2X2

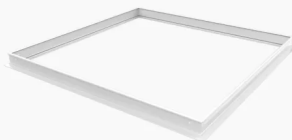


1X4

MOUNTING OPTIONS



Cable Suspension Mount Kit



Drywall Recessed Kit



Surface Mount Kit

MODEL	MOUNTING OPTIONS
JLS-G3PNL-T-CSM-14/22/24	Cable Suspension Mount for G3 Panel Fixture 1X4, 2X2, 2X4
JLS-G3PNL-T-DRK-14/22/24	Drywall Recessed Mount for G3 Panel Fixture 1X4, 2X2, 2X4
JLS-G3PNL-T-SMK-14/22/24	Surface Mount Kit for G3 Panel Fixture 1X4, 2X2, 2X4

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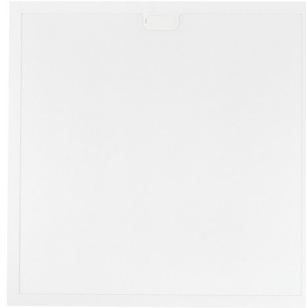
G3PNL-T Series

1. Sensor on lens

Quick and easy in field installation of sensors.



Sensor ready



Sensor installed



2. Sensor on the frame

Integrated occupancy and daylight controls.



The sensor receptacle is pre-embedded in the frame



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