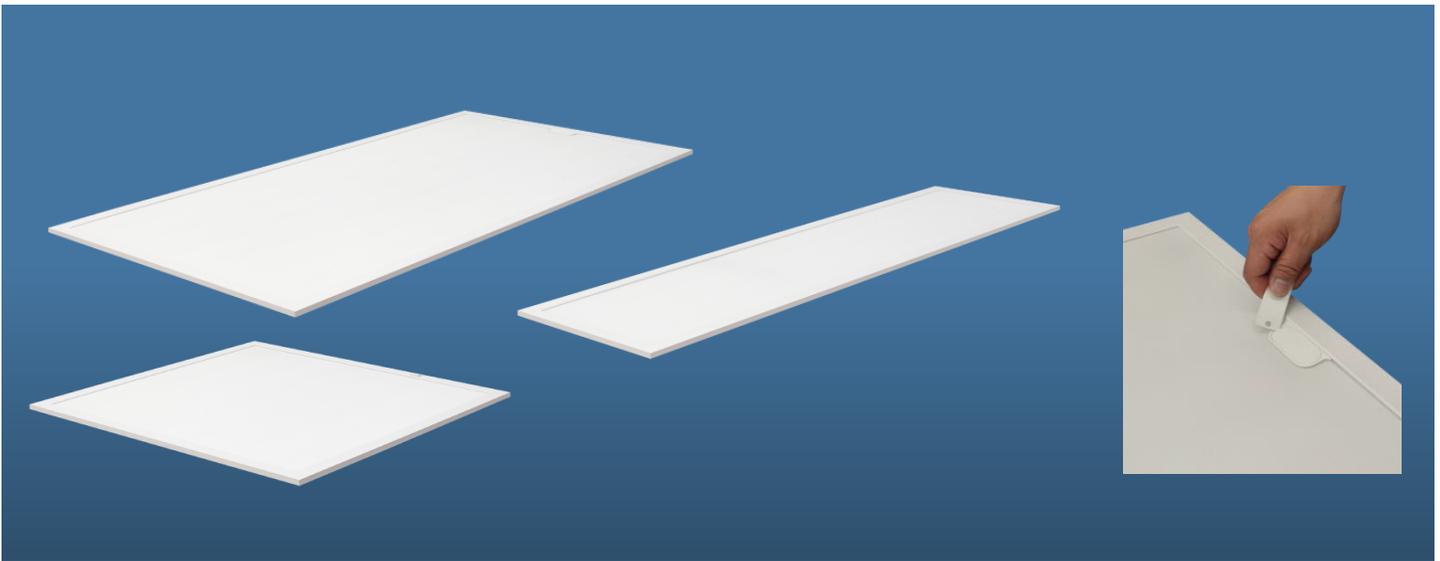# SENSOR READY FLAT PANEL

DESCRIPTION

Jaykal's new sensor ready design enables accessory sensors to be installed by simply plugging in the sensor. If no controls are needed now, they may be added later, with a simple plugin installation. The fixture is suitable for commercial and retail applications.

Wattage and color selectability is standard, allowing field tuning to meet changing project requirements. It features three wattage presets and three color presets.

FEATURES

- Wattage Selectable: From 20W to 60W

- CCT Selectable: 3500K/4000K/5000K

- Flicker Free (≤ 10%)

- 0-10V Dimming Standard

- Sensor Ready Design

- Optional Mounting Accessories

- EM Ready

Revised 2/3/2026

Specifications are typical values and may change without notification

efficiency. illuminated.

SPECIFICATIONS

MODEL	JLS-G2PNL-T						
INPUT VOLTAGE	120-277VAC 50/60hz						
SIZE	1X4		2X2		2X4		
WATTAGE TYPE	M1	M2	M1	M2	M1	M2	M3
WATTAGE	20W/25W/30W	25W/30W/40W	20W/25W/30W	25W/30W/40W	30W/35W/40W	30W/40W/50W	40W/50W/60W
EFFICACY	125lm/W						
LUMENS	2,500/3,150/3,750	3,150/3,750/5,000	2,500/3,150/3,750	3,150/3,750/5,000	3,750/4,375/5,000	3,750/5,000/6,250	5,000/6,250/7,500
L70 HOURS	100,000 hrs. +						
POWER FACTOR	>0.9						
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.						
THD	<20%						
CRI	>80						
FLICKER	Flicker Free (≤ 10%)						
CCT	MCCT (3500K/4000K/5000K 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						

ORDERING GUIDE

MODEL	-	SIZE	-	WATTAGE	-	CCT	-	EMERGENCY
JLS-G2PNL-T		**14** = 1X4		**M1** = 20W/25W/30W **M2** = 25W/30W/40W		**MCCT** = 3500K/4000K/5000K		**N** = None
		22 = 2X2		**M1** = 20W/25W/30W **M2** = 25W/30W/40W				**EM** = 8W Integrated
		24 = 2X4		**M1** = 30W/35W/40W **M2** = 30W/40W/50W **M3** = 40W/50W/60W				**EM** = 18W Integrated

Compatible Controls Guide

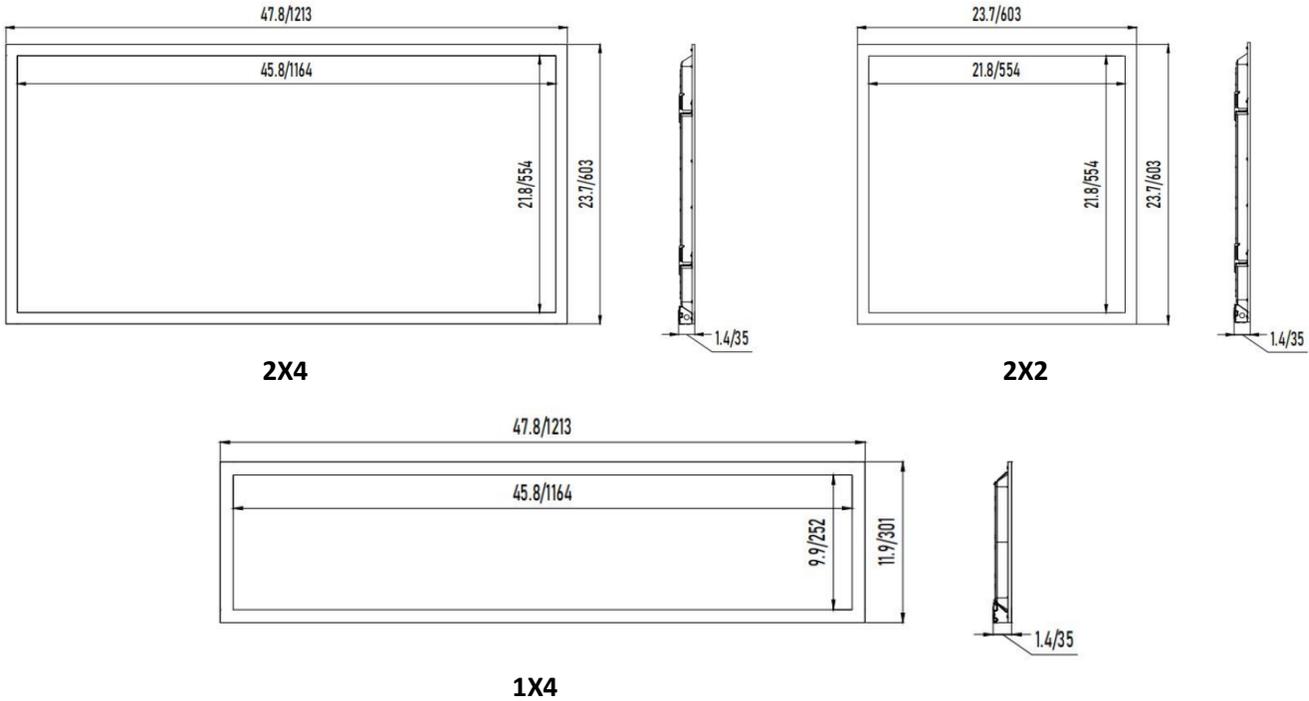| BRAND	MODEL	SENSOR TYPE
LumaLinx	JLS-ESS-IFS06R.B1	Essential
LumaLinx	JLS-ESS-RM51	Essential
LumaLinx	JLS-LLE-IFS108.B2	Enhanced

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efficiency. illuminated.

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-G2PNL-T-CSM-14/22/24	Cable Suspension Mount for G2 Panel Fixture 1X4, 2X2, 2X4
JLS-G2PNL-T-DRK-14/22/24	Drywall Recessed Mount for G2 Panel Fixture 1X4, 2X2, 2X4
JLS-G2PNL-T-SMK-14/22/24	Surface Mount Kit for G2 Panel Fixture 1X4, 2X2, 2X4

Specifications are typical values and may change without notification

efficiency. illuminated.