



SENSOR READY FLAT PANEL

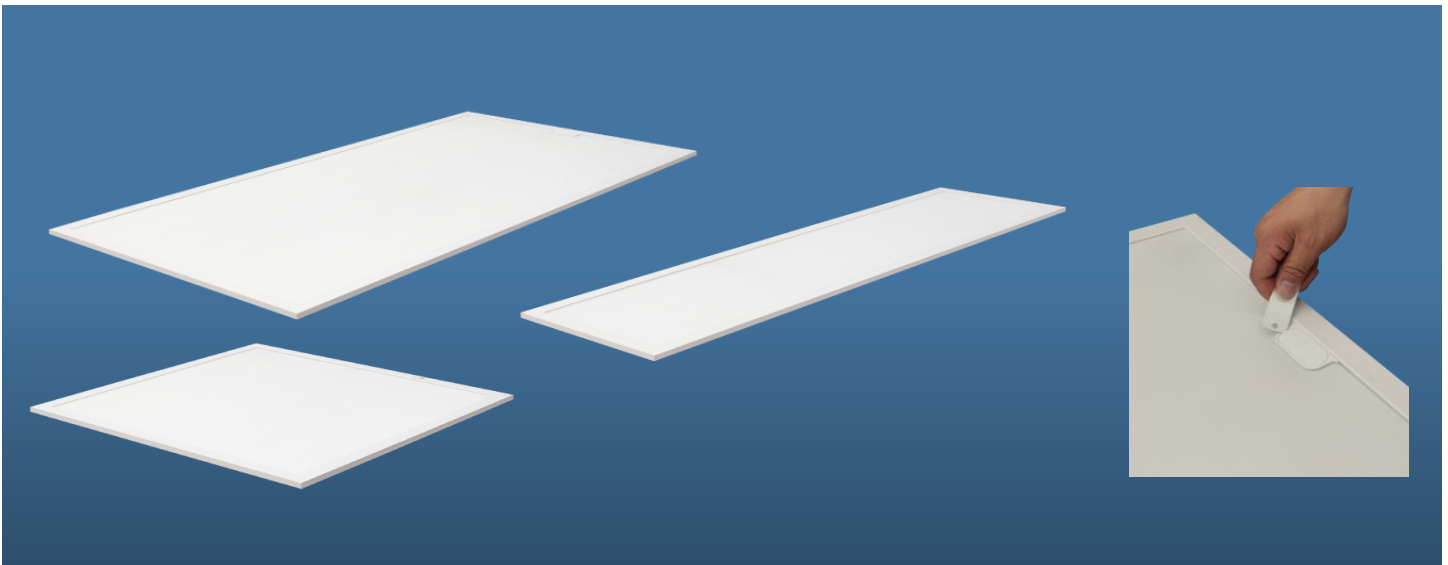
DESCRIPTION

LED Flat Panel fixtures are engineered for high-performance, energy-efficient LED systems for new or renovation construction. These fixtures provides 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 system incorporates a sensor-ready driver platform for both plug-and-play basic controls (occupancy/vacancy and day-light 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 rewiring.

FEATURES

- Wattage Selectable: From 20W to 60W
- CCT Selectable: 3500K/4000K/5000K
- Flicker Free ($\leq 10\%$)
- 0-10V Dimming Standard
- Sensor Ready Design
- Optional Mounting Accessories
- EM Ready



Revised 3/20/2026

Specifications are typical values and may change without notification



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	25W/30W/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	3,125/3,750/5,000	3,750/5,000/6,250	5,000/6,250/7,500
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	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						
FCC	FCC 47 CFR Part 15 Compliance						

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 EM = Emergency Backup
	22 = 2X2	M1 = 20W/25W/30W M2 = 25W/30W/40W		
	24 = 2X4	M1 = 25W/30W/40W M2 = 30W/40W/50W M3 = 40W/50W/60W		

Compatible Controls Guide

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

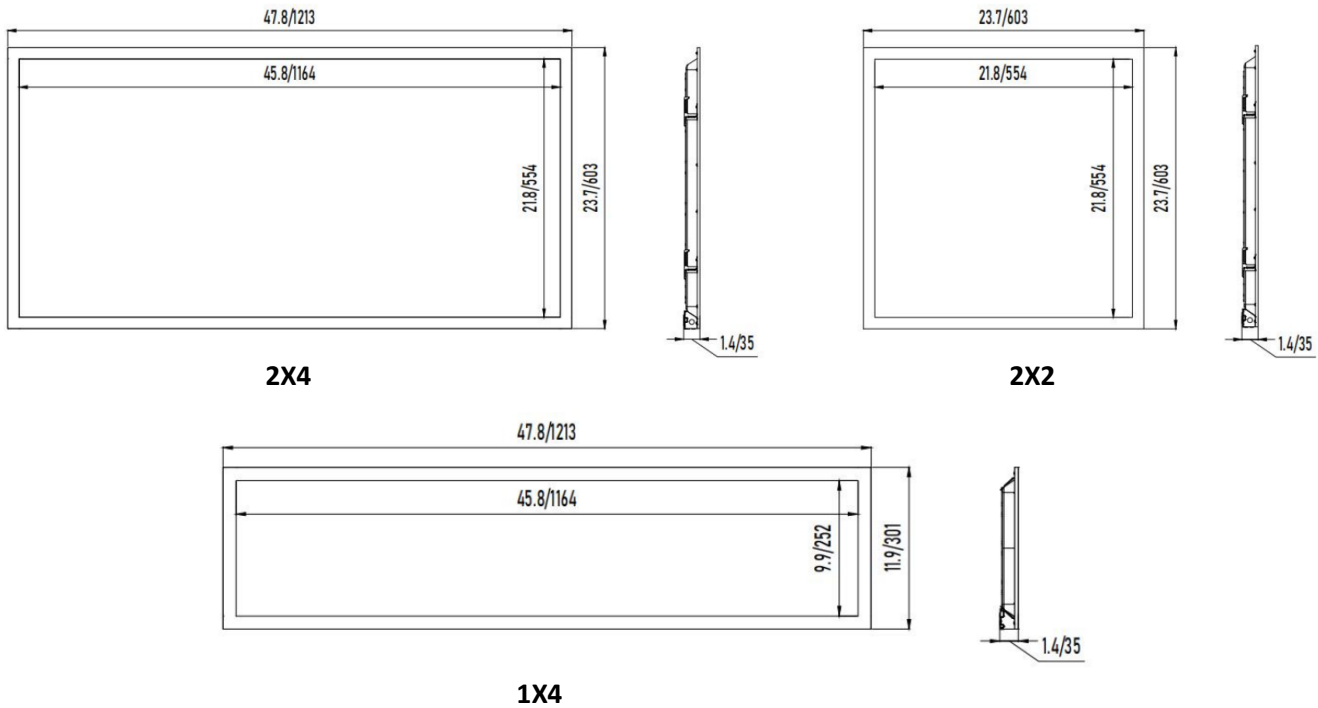
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EM Backups

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

DIMENSIONS (Units : Inch/mm)



MOUNTING OPTIONS



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

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