



SENSOR READY FLAT PANEL

JAYKAL

PROJECT NAME:

JAYKAL LED SOLUTIONS, INC.

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PROJECT NOTES:

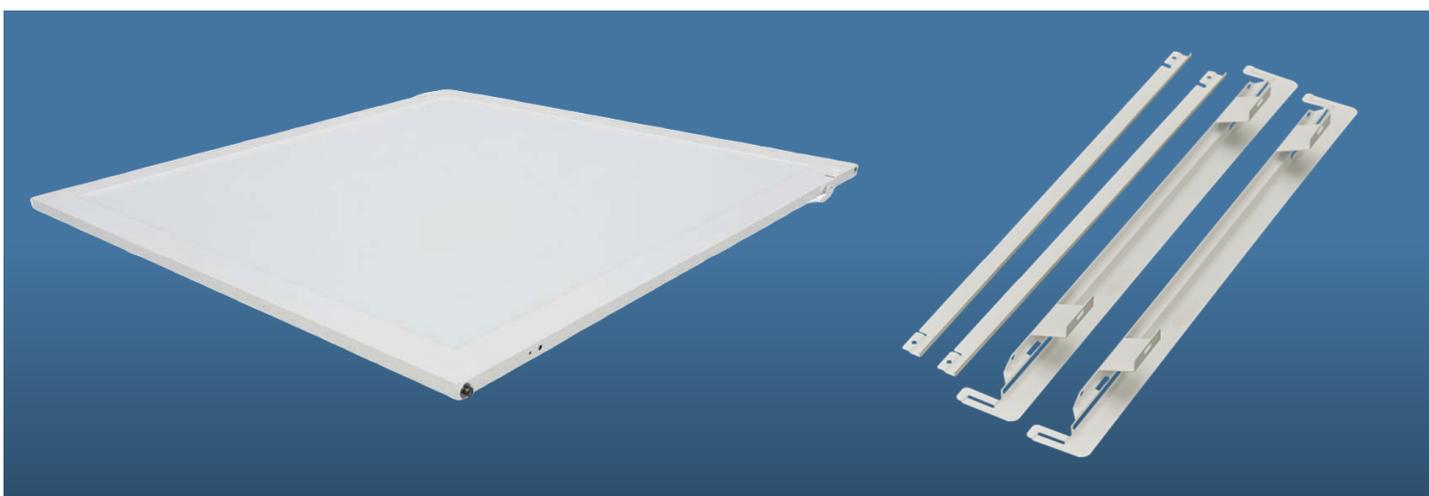
PRODUCT DESCRIPTION

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 ($\leq 10\%$)
- 0-10V Dimming Standard
- Sensor Ready Design
- Optional Mounting Accessories
- EM Ready



RoHS 
Compliant



Revised 8/8/25

Specifications are typical values and may change without notification

efficiency. illuminated.



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SPECIFICATIONS TABLE

MODELS	JLS-G2PNL-R				
INPUT VOLTAGE	120-277VAC 50/60hz				
SIZE	1X4	2X2		2X4	
WATTAGE TYPE	M1	M1	M2	M1	M2
WATTAGE	18W/22W/25W	18W/22W/25W	20W/25W/30W	23W/30W/36W	35W/40W/46W
EFFICACY	125lm/W				
LUMENS	2,250/2,750/3,125	2,250/2,750/3,125	2,500/3,125/3,750	2,875/3,750/4,500	4,375/5,000/5,750
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	Produces no greater than 10 percent flicker at 200 Hz or below when paired with control devices per CEC Title 24 JA10				
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	COO
JLS-G2PNL-R	14 = 1X4	M1 = 18W/22W/25W	MCCT = 3500K/4000K/5000K	N = None EM = 8W Integrated	[TAA] = Laos
	22 = 2X2	M1 = 18W/22W/25W M2 = 20W/25W/30W			
	24 = 2X4	M1 = 23W/30W/36W M2 = 35W/40W/46W			

Compatible Controls Guide

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

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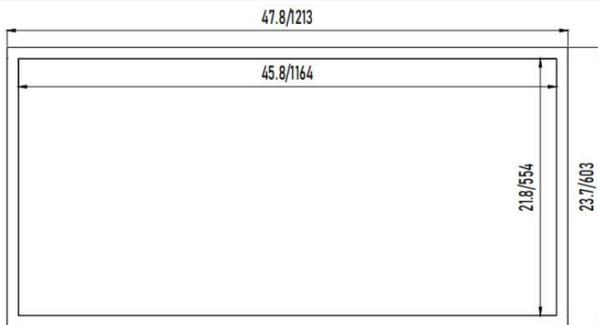
EM Backups

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

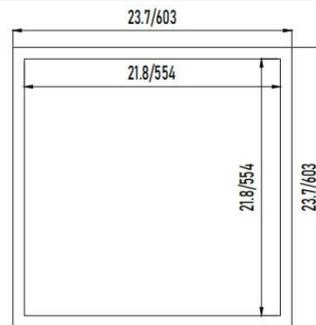
Mounting Bar Option

	Mounting Bars with Air Return Function	JLS-G2PNL-R-PLENUM
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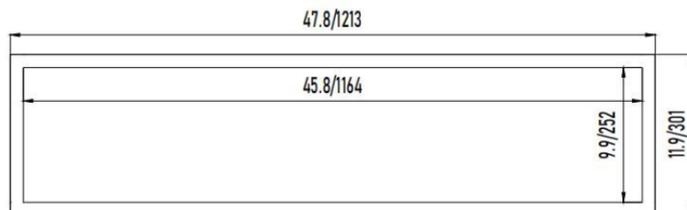
DIMENSIONS (Units : Inch/mm)



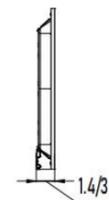
2X4



2X2



1X4



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