



G2 Back Lit Panel Retrofit Kits

JAYKAL

PROJECT NAME:

JAYKAL LED SOLUTIONS, INC.

www.jaykal.net

21499 Baltimore Ave.

Georgetown, DE 19947

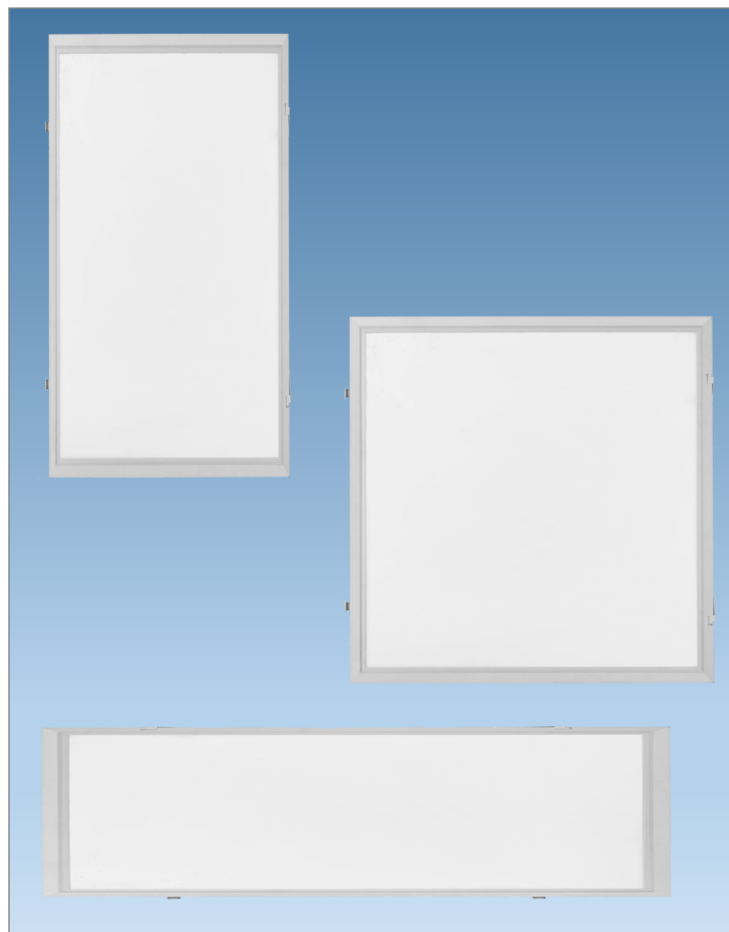
(P) 302-295-0015

(F) 302-295-0016

PROJECT NOTES:

FEATURES & BENEFITS

- ◆ Wattage Options: Vari-Watt Driver Standard
- ◆ CCT Options: 3000K/3500K/4000K/5000K
- ◆ 5 Year Standard Warranty, 10 Year Available
- ◆ Optional Occupancy/Bi-Level Dimming Controls
- ◆ TAA/BAA Compliant Available



RoHS 
Compliant

Revised 1/19/24

Specifications are typical values and may change without notification

efficiency. illuminated.



G2 Back Lit Panel Retrofit Kits

JAYKAL

SPECIFICATIONS TABLE

VW DRIVER	M1						M2						M3					
VW PRESETS	7W	9W	10W	11W	12W	15W	18W	20W	22W	24W	27W	30W	33W	36W	40W	44W	50W	55W
LUMEN (LM)	875	1,125	1,250	1,375	1,500	1,875	2,250	2,500	2,750	3,000	3,375	3,750	4,125	4,500	5,000	5,500	6,250	6,825
INPUT VOLTAGE	120-277VAC 50/60hz																	
EFFICACY	125lm/W																	
PF	>0.95 @ 120V- 277V 60Hz																	
THD	<20%																	
UGR	<22																	
CRI	>80																	
L70 HOURS	113,000 Hours																	
CCT	3000K/3500K/4000K/5000K /MCCT																	
BEAM ANGLE	120°																	
OP. TEMP.	(-25°C to 40°C)																	
IP RATING	IP44																	
ENVIRONMENT	Indoor / Damp																	
LENS	Frosted Polycarbonate																	
CONSTRUCTION	Aluminum + Sheet Metal																	
FCC COMPLIANCE	FCC 47, CFR Part 18																	
WARRANTY	5 Year Standard Warranty with 10 Year Option																	

ORDERING GUIDE

EXAMPLE: JLS-24G2PNL-840K-M2-10-S-R

MODEL	SIZE	CCT	WATTS	SENSORS
JLS	22G2PNL 14G2PNL 24G2PNL	830K = 3000K 835K = 3500K 840K = 4000K 850K = 5000K DCCT1 = 30K/40K DCCT2 = 35K/40K DCCT3 = 40K/50K MCCT1 = 3000K/4000K/5000K MCCT2 = 3500K/4000K/5000K	<u>Vari-Watt (VW)</u> M1 = (7W/9W/10W/11W/12W/15W) M2 = (18W/20W/22W/24W/27W/30W) M3 = (33W/36W/40W/44W/50W/55W)* <u>Vari-Watt (EMVW)</u> EM1 = (7W/9W/10W/11W/12W/15W) EM2 = (18W/20W/22W/24W/27W/30W) EM3 = (33W/36W/40W/44W/50W/55W)* *24 Size Only	Blank = No Sensor BL = Occupancy Bi-Level Dimming BLG = Occupancy Bi-Level Dimming with Grouping BTG = Blue Tooth Mesh /Day Light Harvesting/Grouping/Dimming

DIMMING OPTIONS	DRIVER OPTIONS	PLENUM	TYPE
N = No Dimming 10 = 0-10V Dimming P = Phase Dimming * 50 = 50/50 Dimming * For fixed wattage only	S = Standard Driver FF = Flicker-Free Driver	Blank = No Plenum PL = Plenum	R = Retrofit

Specifications are typical values and may change without notification

efficiency. illuminated.



G2 Back Lit Panel Retrofit Kits

JAYKAL

CONTROL OPTIONS

Option BL: Occupancy Sensor with Bi-Level Dimming & One Key Commissioning

- ◆ Adjustable Detection Area
- ◆ Task Lighting/ Lumen Maintenance
- ◆ Ambient Light Sensing
- ◆ High Frequency Motion Sensing
- ◆ One-Key Commissioning - Save the settings for the fixture and program each additional fixture with One-Key Press.
- ◆ Hidden Installation with LED/Daylight Spectrum Recognition

Option BLG: Occupancy Sensor with Bi-Level Dimming, Grouping and One-Key Commissioning

- ◆ Adjustable Detection Area
- ◆ Task Lighting/ Lumen Maintenance
- ◆ Ambient Light Sensing
- ◆ High Frequency Motion Sensing
- ◆ One-Key Commissioning with Wireless Remote
- ◆ Hidden Installation with LED/Daylight Spectrum Recognition
- ◆ One-Key Commissioning - Save the settings for the fixture and program each additional fixture with One-Key Press.
- ◆ RF Wireless Grouping of up to 30 Fixtures.

Specifications are typical values and may change without notification

efficiency. illuminated.



G2 Back Lit Panel Retrofit Kits

JAYKAL

DIMENSIONS

PRODUCT	LENGTH (in.)	WIDTH (in.)	DEPTH (in.)	WEIGHT
2 4	47.75	20.67	2.36	17.16lbs.
2 2	22.76	20.76	2.36	8.58lbs.
1 4	47.75	8.56	2.36	8.78lbs

KIT CONTENTS

- ◆ 2 Woven Stainless Steel Safety Cables



INSTALLATION OF SAFETY CABLES

1. Complete the installation of the 14PNL, 22PNL or 24PNL series retrofit kit. The two safety wires will be preinstalled on the rear of the door kit.
2. Allow the door kit to hang on the hinge bracket.
3. While facing the door kit, align the first safety cable eyelet up to the hinge and approximately 6 inches toward the interior of the belly pan. Attach the first safety cable to the interior of the fixtures belly pan with a washer and Tek screw inserted through the eyelet.
4. Repeat step 4 for the second safety wire.
5. Installation is now complete. Close the door kit and resume normal operation.

Specifications are typical values and may change without notification

efficiency. illuminated.