



50-50 DIMMABLE LED DRIVER

JAYKAL

PROJECT NAME:	JAYKAL LED SOLUTIONS, INC. www.jaykal.net 26832 Lewes Georgetown Hwy, Building 2, Unit E Harbeson, DE 19951 (P) 302-295-0015 (F) 302-295-0016
PROJECT NOTES:	

DESCRIPTION:

This Smart Dimming Dual-Stage Output Current LED Power Supply, is an ideal for selectable dimming applications on LED lighting fixtures. Dimming levels are factory preset between 10% to 100% output, time duration is also preset between 3-20 seconds based upon the clients requirements. This driver is available with Jaykal door kits, magnetic retrofit kits and troffer fixtures and is compatible with non-Jaykal products. (Consult Factory for Applicability)

OPERATION:

Turn the light switch to the on position. The fixture will illuminate to the dimming preset (50% Standard). If the switch is toggled between on and off within the pre-defined time-delay (10s standard), the fixture will illuminate to 100% brightness. When the switch is turned OFF for more than 10 seconds the fixture will illuminate to 50% when the switch is returned to the ON position.

FEATURES & BENEFITS:

- ◆ Wattage Options: 24,36,40,50 Watts
- ◆ Standard Setup: 50% / 100% (Other Options Available)
- ◆ Standard Setup: 10s (Other options available)
- ◆ 5 Year Warranty
- ◆ Suitable for Indoor LED Lighting Applications
- ◆ Fully Isolated Plastic Case
- ◆ Protections : Short Circuit / Over Voltage / Over Temperature



5 YEAR STANDARD WARRANTY—EXTENDED WARRANTIES AVAILABLE

(P) 302-295-0015 | (E) sales@jaykal.net | (W) www.jaykal.net

Specifications are typical values and may change without notification

efficiency. illuminated.

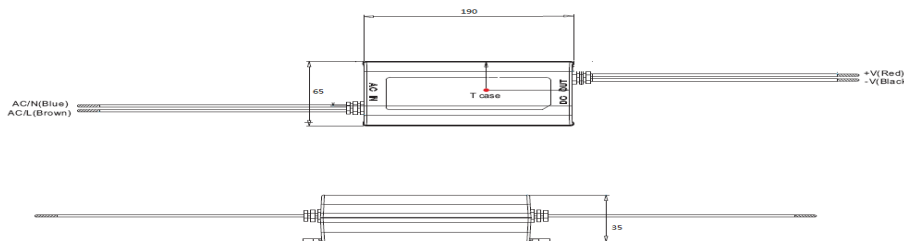


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SPECIFICATIONS TABLE

Model	JLS6810D-5050-G50-24	JLS6810D-5050-G50-36	JLS6810D-5050-G50-40	JLS6810D-5050-G50-50
Input Voltage	100-277VAC	100-277VAC	100-277VAC	100-277VAC
Rated Power	24W	36W	40W	50W
Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Rated current	670mA	1.0A	1.1A	1.4A
DC Voltage	36V	36V	36V	36V
Constant current range	30-42V	30-42V	30-42V	30-42V
Power Factor	>0.9	>0.9	>0.9	>0.9
Efficiency	>0.85	>0.85	>0.85	>0.85
THD	<15%	<15%	<15%	<15%
Operational Temperature Range	-30°C — 50°C	-30°C — 50°C	-30°C — 50°C	-30°C — 50°C
Housing Material	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate
Dimensions	7.5x2.56x1.38 in 190x65x35 mm	7.5x2.56x1.38 in 190x65x35 mm	7.5x2.56x1.38 in 190x65x35 mm	7.5x2.56x1.38 in 190x65x35 mm



ORDERING GUIDE

MODEL NUMBER	- WATTAGE	TIME DELAY
JLS6810D-5050-G50	24 = 24W 36 = 36W 40 = 40W 50 = 50W	BLANK = 10 SECONDS (STANDARD) 3 = 3 SECONDS 5 = 5 SECONDS 20 = 20 SECONDS

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