Triac/0-10V/5 in 1 Dimming CV Driver
JLAL-S Series Slim 96W

- *UL/cUL Listed, Class 2, Class P rated*
- *Dimmable to 0.1%, Flicker Free*
- *Latest isolation scheme of dimming signal and main output*
- *High efficiency, high power factor, high stability*
- *Short circuit, over voltage/current/temperature protection*
- *Multiple dimming modes Triac ELV/MLV/RX/0-10V/1-10V/10V PWM*
- *Compatible with most dimming control systems in the market*
- *Dimming output with high frequency PWM signal*
- *Suitable for Dry and Damp locations*
- *Compact design, no minimum load request*

Model		JLAL-CV096-24S
Input	Voltage Range	120-277V
	Frequency	50/60hz
	Power Factor	0.95
	Efficiency	85%
	Input Current	1A/110VAC
	Surge Current (cold start)	45A @230Vac
	Leakage Current	<0.75mA
Output	Rated Voltage	24V
	Voltage Range	24Vdc±0.5Vdc
	Output Current	4A Max
	Ripple & Noise	≦400mV
	Rated Power	96W
	PWM Frequency	20Khz
Protection	Over Voltage	Shut down the output when non-load voltage ≥26V, and recover automatically
	Over Temp.	100°C±10°C shut down voltage automatically recover after cooling
	Short Circuit	Hiccup Mode,shut down and re-start
Environment	Operating Temp.	-30～+50℃
	Storage Temp.	-35～+80℃
Safety & EMC	Certificate	UL 8750,CSA C22.2 NO.250.13
	Dielectric Strength (Hi-Pot)	2KVAC/5mA/1min(I/P-O/P)
	Insulation Resistance	100MΩ/500VDC/25°C/70%RH
	Life Time	50,000 hours at Tc ≤ 80°C maximum case hot spot temperature
	DIMMER COMPATIBILITY	Triac Dimmer LUTRON(DVLV-600P,DVCL-153P.PD-5NE,MAELV-600,DELV-300P,PD-6WCL,DSL06,PH703TPU,RHCL453P,RCL -153PNL) etc.
	EM Interference	EN55015, EN61000-3-2
	EM Susceptibility	EN61000-4-2.3.4.5.6.8.11. EN61547
Enclosure	Dimension	209*29*20mm(L*W*H)
	Net Weight	0.38kg

Notes:
1. Tested environment temperature: 25℃
2. The LED driver is considered a component to be installed in a light fixture. The fixture should be re-verified to ensure it meets EMC directives.
3. Be careful of ambient temperature and heat dissipation during the use this product. When temp. exceeds TA, the driver shall be derated.

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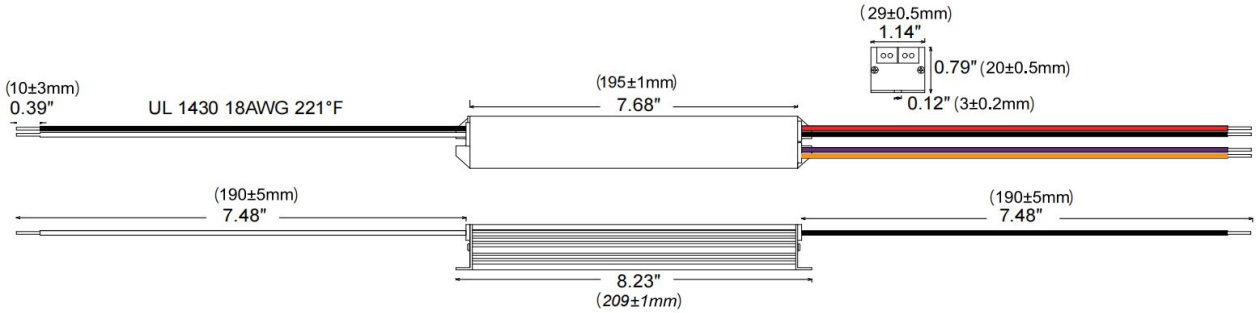
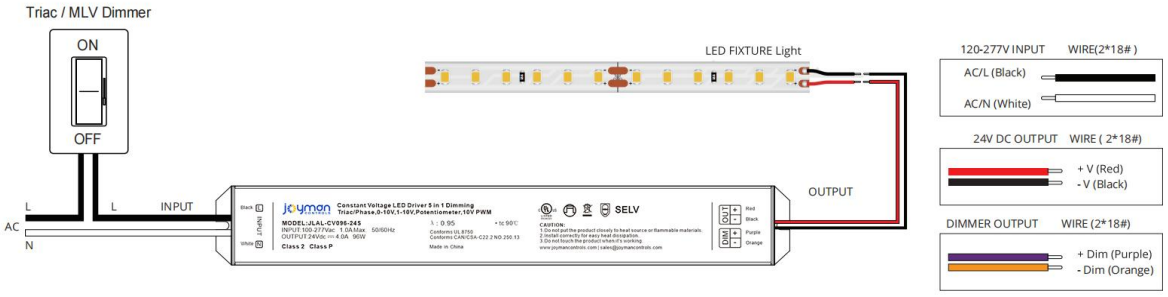
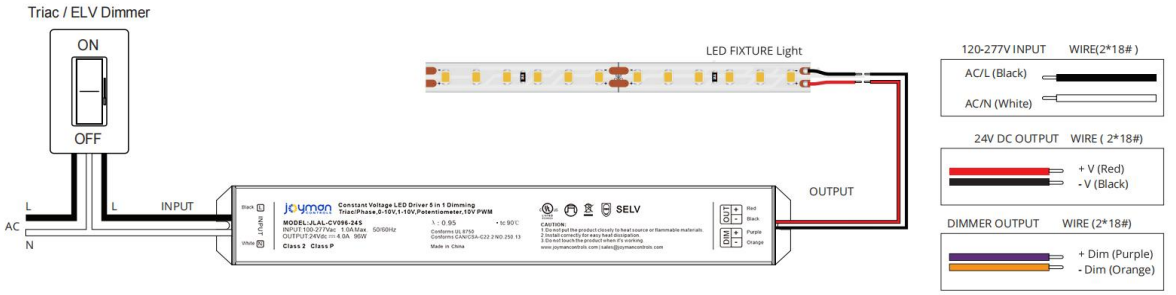
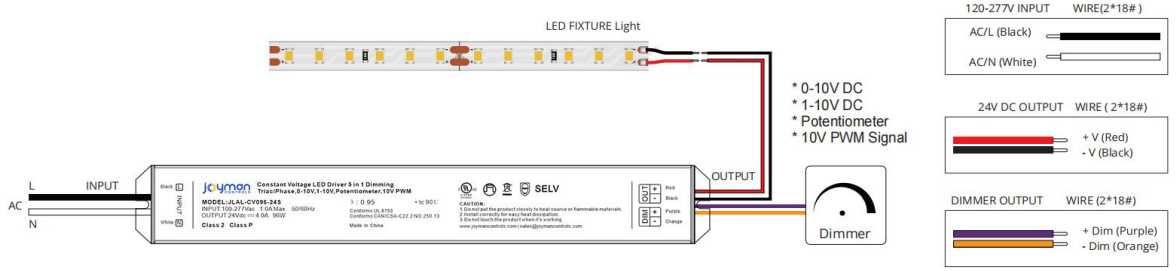
Product Diagram



Wiring Diagram







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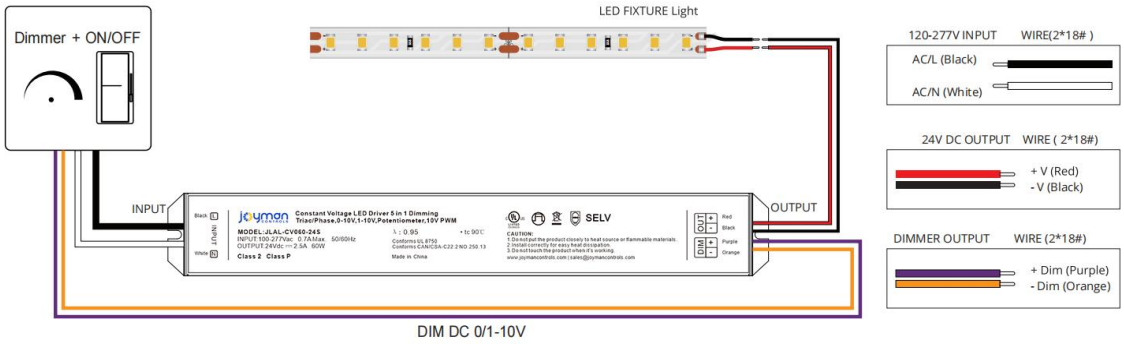
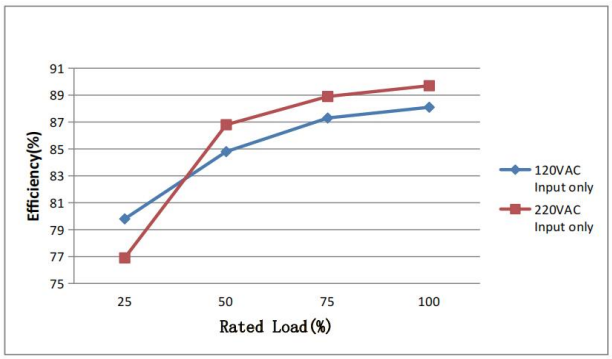
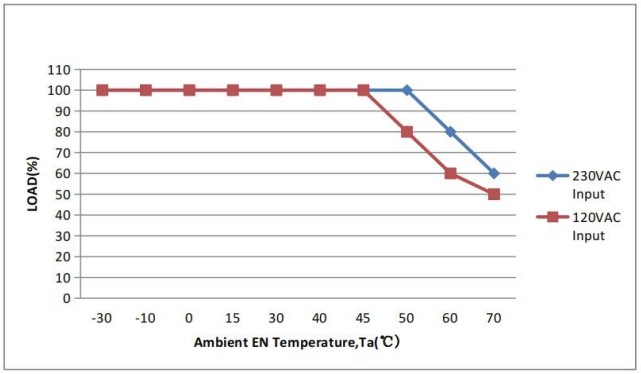


Load VS Efficiency



Load VS Temperature



Notes:
1. All the parameters not specially mentioned are measured at 120VAC input, rated load and ambient temperature of 25C.
2. Please pay attention to the direction of wiring, do not reverse the input and output terminals.
3. The driver should be installed by a certified electrician.
4. Please ensure the driver is installed in an area with adequate ventilation to facilitate heat dissipation.
5. Please contact us directly if you have any questions. Do not repair privately.

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