



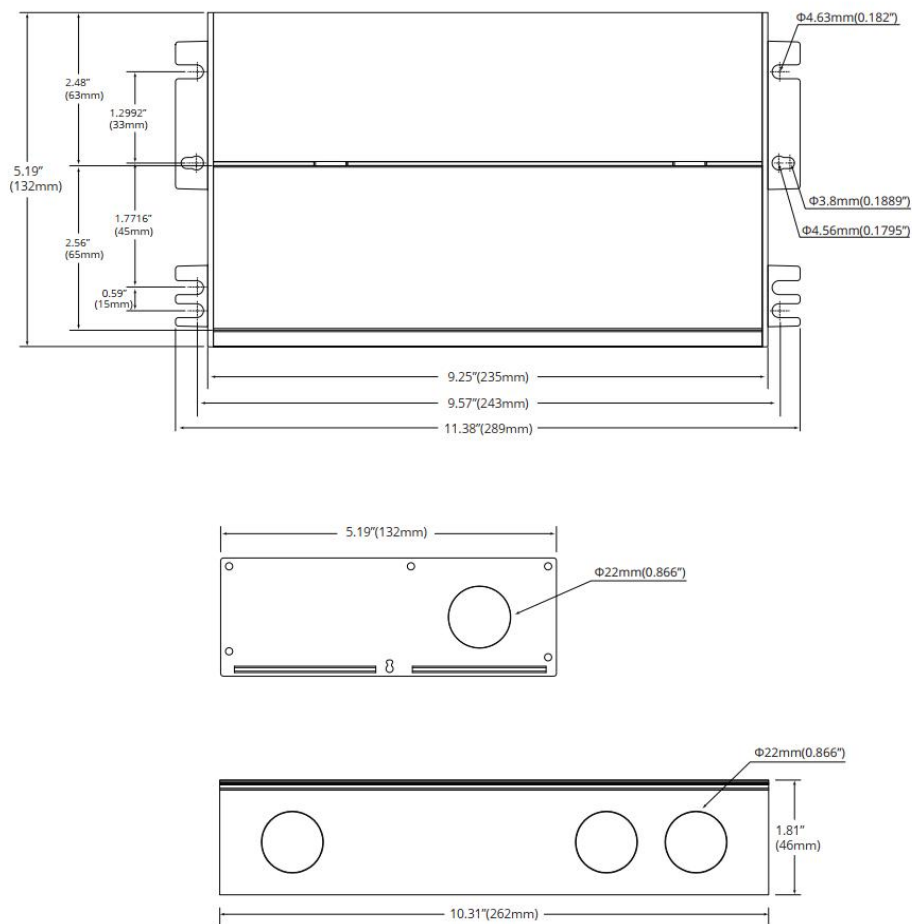
- UL/cUL Listed, Class P rated
- Dimmable to 0.1%, Flicker Free
- Latest isolation scheme of dimming signal and main output
- High efficiency, high power factor, high stability
- Short circuit, over voltage/current/temperature protection
- Multiple dimming modes Triac ELV/MLV/RX/0-10V/1-10V/10V PWM
- Compatible with most dimming control systems in the market
- Dimming output with high frequency PWM signal
- Suitable for Dry, Damp and Wet locations
- Fine tuning of output voltage

Model		JLAC-CV300-24
Input	Voltage Range	120-277Vac
	Frequency	50/60hz
	Power Factor	0.95
	Efficiency	85%
	Input Current	3.4A/110VAC
	Inrush Current	20A, 50%, 1.6ms @120Vac / 25A, 50%, 1.4ms @277Vac
	Leakage Current	<0.75mA
Output	Rated Voltage	24V
	Voltage Range	18-25Vdc
	Output Current	12.5A Max
	Ripple & Noise	≦ 600mV
	Rated Power	300W
	PWM Frequency	20KHz
Protection	Over Voltage	Shut down the output when non-load voltage ≥60V, and recover automatically
	Over Temp.	100°C±10°C shut down voltage automatically recover after cooling
	Short Circuit	Hiccup Mode and recover automatically after false is removed
Environment	Operating Temp.	-40~+60°C/20~95%
	Storage Temp.	-40~+80°C/10~95%
Safety & EMC	Certificate	UL 8750, CSA C22.2 NO.250.13
	Withstand Voltage	3750VAC/60S
	Insulation Resistance	500V>100M
	Dielectric Strength (Hi-Pot)	1.88KVAC
	Life Time	50,000 hours at Tc ≤ 80°C maximum case hot spot temperature
	Minimum load available for Dimming	5% (Use DVCL-153P)
	EM Interference	EN55015, EN61000-3-2
	EM Susceptibility	EN61000-4-2.3.4.5.6.8.11. EN61547
Enclosure	Dimension	289*132*46mm
	Net Weight	2.3kg

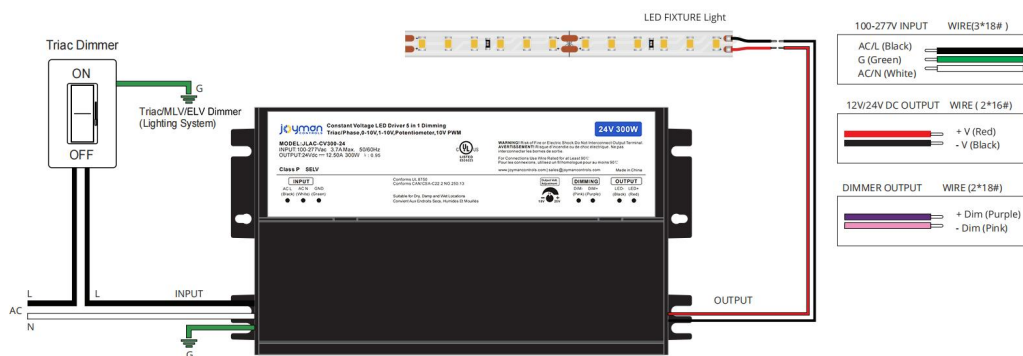
Notes:

1. It is recommended to install the unde-voltage protection device and surge protection device to ensure electricity safety.
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.

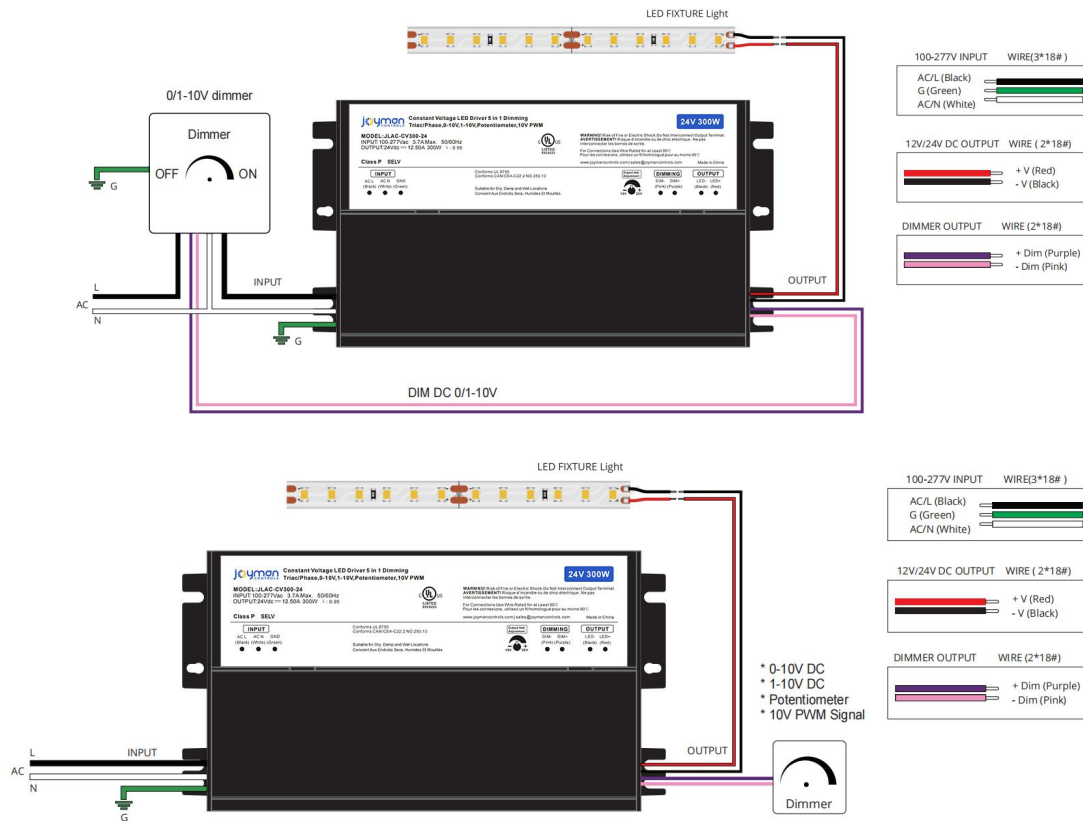
Product Diagram



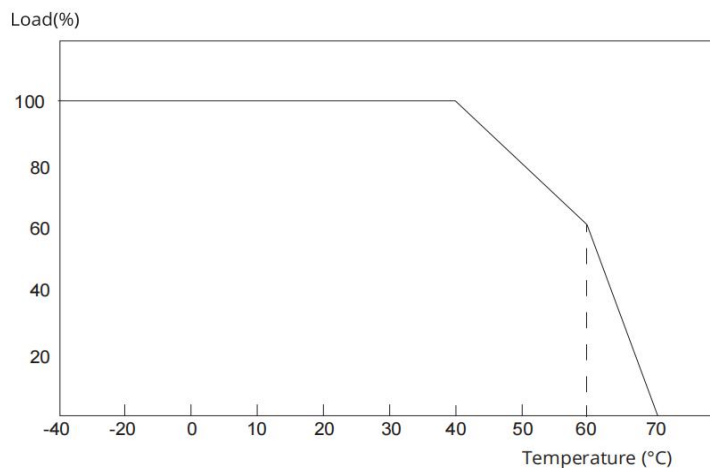
Wiring Diagram



Wiring Diagram



Derating Curve



- 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.