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HZD048AVI

48W Dimmable LED Driver

Product Features

- Constant current output. can load 24-45W.
- Class 2 LED power supply, Double-isolated.
- Short circuit, over current and over voltage protection. Efficiency up to 88% .
- Compatible with 0/1-10V, R, PWM dimming, smooth dimming.
- Flicker-free.
- 5 years quality warranty

Technical Specifications

Model No.	Output Power	Input Voltage Range	AC-Frequency	Standby Power	Output Current	On Load Voltage	Power Factor	Efficiency	Dimensions	Weight
HZD048 AVI	48 W	90-264V AC	50/60Hz	0.25A Max	1080 mA	24-42Vdc	>0.95	86%	140*45*28 mm	145g

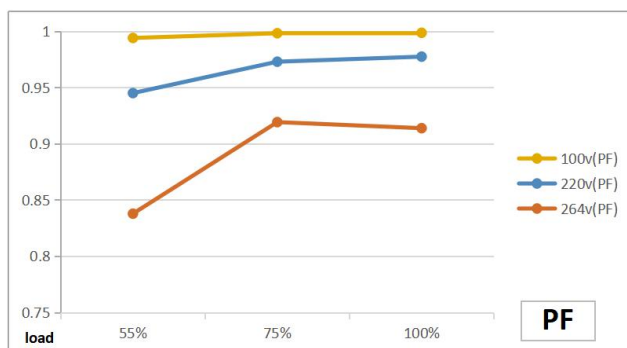
Environmental Specifications

Operating Temperature	-30~45°C
Storage Temperature	-40~+70°C
Thermal Dissipation	Nature
Relative Humidity	5~95%
Isolation Voltage	In/Out 3000VAC
Vibration	5-55Hz/2g, 30 Minutes
Life Time	50000Hours, at TC max

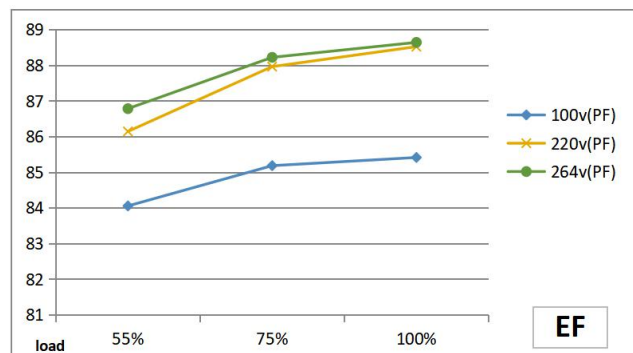
Conformity & Standards

EMI	EN55022 EN55015 Class B
Safety	EN60598
Electromagnetic Immunity	EN61547, ENV5024 EN61000-4-2/3/4/6/8/11
Harmonic Current Emissions	EN61000-3-2 EN61000-3-3

Power Factor Characteristic



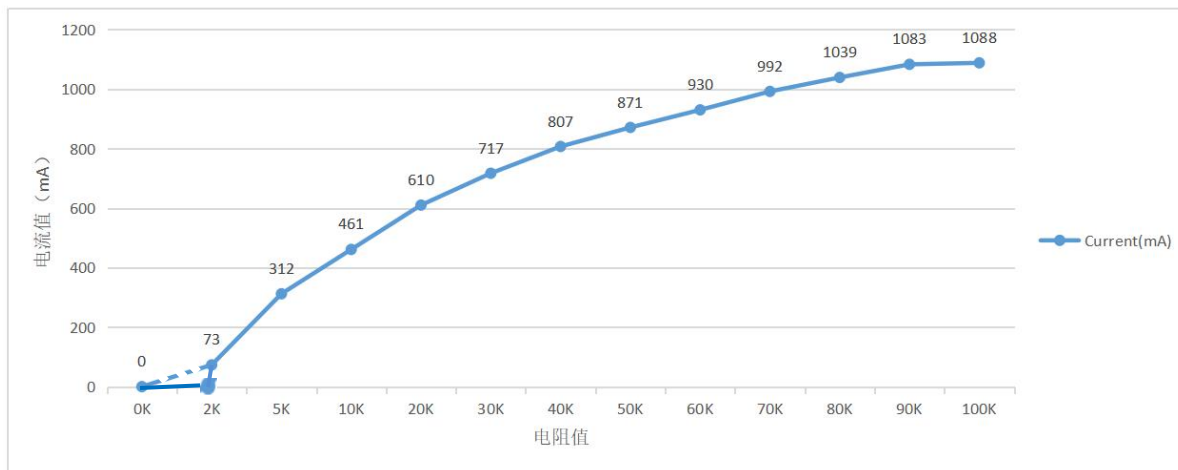
Efficiency vs Load



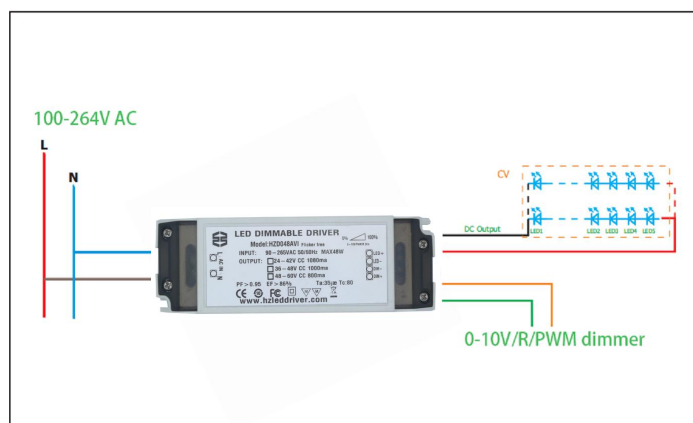
Linearity graph:

(Matches a 100K resistance dimmer)

Resistance value	0K	2K	5K	10K	20K	30K	40K	50K	60K	70K	80K	90K	100K
Current (mA)	0	73	312	461	610	717	807	871	930	992	1039	1083	1088



Installation Introduction



Dimensions Chart

