



CV LED Drivers—LKAD008V



—产品特性/Feature—

- 100-277VAC (50/60Hz) 输入/ 100-277VAC (50/60Hz) Input
- 采用美国PI公司隔离方案。Adopt isolation plan of American PI company
- 高效率、, 稳定性好/ High efficiency, good steady;
- 独立外置, Class II 恒流类型/ independent, Class II constant current type;
- 短路保护, 过流保护, 过压保护, 过温保护/ short circuit/over load/over current/ over temperature protection;
- 100%满载老化测试/ 100% full load burn-in test;
- 防护等级 IP20/ degree of protection IP20;
- 适用于面板灯/天花灯/筒灯等照明应用/ suitable for LED lighting, ceiling light, down light and panel light;
- 3年质保期/ 3 years warranty.



产品参数/Specification

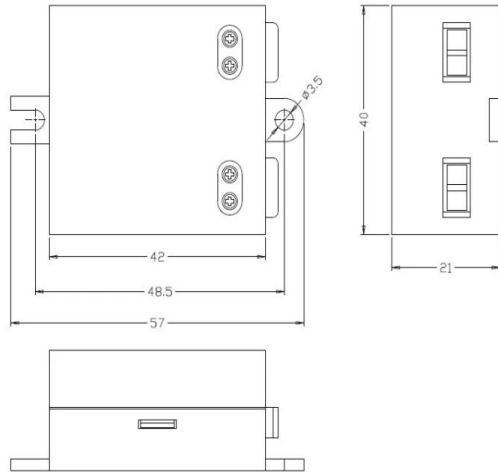
Model		LKAD008V	
输入 Input	输入电压范围/Input Voltage range	100-277V	
	频率/Frequency	50/60hz	
	谐波/THD		
	功率因数/Power factor	0.5@230V	
	输入电流 Input current (mA)	200MA	
	待机功耗 stand_by power	≤0.5s/230VAC	
	浪涌电流 Inrush Current (Max.)	≤30A@230VAC	
	漏电流 Leakage Current	<1MA/240V	
输出 Output	额定电压/Rated voltage	12V	
	空载电压/No-load Voltage	12.5V	
	工作电压范围/working voltage range	2-12V	
	可选择电流规格/selectable current	700MA	
	电压精度/Voltage accuracy	(+/-) 3%	
	额定功率/Rated power	8.4W	
	开机延时/Setup Time	≤0.5s/230VAC	
	输出线性调整率Output Line Regulation	± 5%	
	温度漂移 temperature drift	± 10%	

保护特性	开路保护Output open circuit protection	有/Enable	
	短路保护Short Circuit Protection	打嗝模式/Hiccup mode	
使用环境 Environment Requirements	工作温度/湿度要求 Operating Temp./RH	-30~+45℃/20~95%	
	储存温度,湿度要求 Storage Temp./RH	-40~+80℃/10~95%	
安全和电磁兼容 Safety & EMC	认证编号/Certificate	E478938	
	耐压 withstand voltage	1500VAC/60S	
	绝缘阻抗insulation resistance	500V>100M	
	浪涌等级EMS immunity	IEC6100-4-5 (L-N:1KV)	
	安规标准Safety standard	IEC61347-2-13 EN6147-2-1	
	电磁干扰electromagnetic interference	Fcc Part15B	
	电磁抗干扰Electromagnetic Susceptibility	Fcc Part15B	
其他 Others	IP等级说明 IP level description	IP20	
	质保说明Warranty instructions	3年/3 years	
	尺寸/Size	42*39*21	
	重量/Netweight		
注意事项 matters needing attention	<p>1. 建议客户在灯具供电回路中安装过欠压保护与浪涌保护装置，以确保用电安全 1. pls suggest the client to install the under voltage protection device and surge protection device to ensure Electricity safety</p> <p>2. 电源作为整灯灯具中的一个零部件与终端设备结合使用，因EMC性能受LED灯具及走线的影响，终端设备制造商需对整套装置重新进行EMC确认。 2. The power supply is considered a component which will be installed a final equipment. The final equipment must be re-confirmed that it still meets EMC directives.</p> <p>3. 客户在使用电源时，注意电源通风散热和环境温度，超过TA时要做降额使用 3. Be careful of ambient temperature and heat dissipation during the client use this unit, When exceeding TA, the power supply shall be derated</p>		

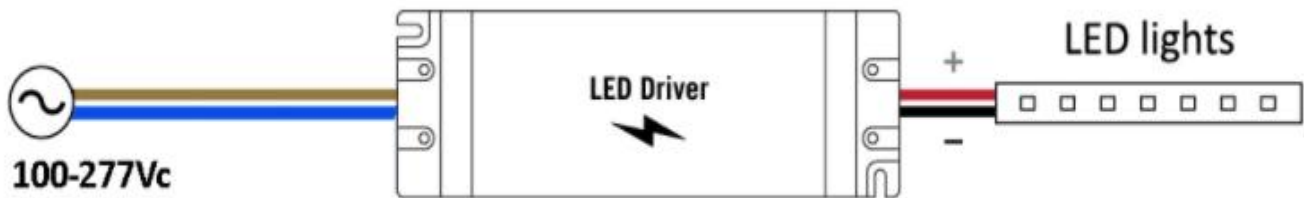
测试数据/Test data

输入电压 Input voltage (Vac)	输入电流 Input current (mA)	输入功率 Input power (W)	功率因数 PF	输出电压 Output voltage (Vdc)	输出电流 Output current (mA)	输出功率 Output Power (W)	转换效率 Efficiency (%)
100V	190.00	10.77	0.563	11.800	700	8.26	76.7%
	145.60	7.88	0.524	11.840	500	5.92	75.1%
	39.90	1.78	0.442	11.890	100	1.19	66.8%
240V	90.19	10.67	0.491	11.800	700	8.26	77.4%
	68.09	7.79	0.474	11.840	500	5.92	76.0%
	20.97	1.92	0.379	11.920	100	1.19	62.1%
277V	82.64	10.92	0.478	11.810	700	8.27	75.7%
	62.54	7.96	0.459	11.850	500	5.93	74.4%
	20.09	1.98	0.355	11.920	100	1.19	60.2%

产品尺寸图 / Product Size Diagram



产品接线示意图 / Product Connection Diagram



备注/Note:

"1. 所有没提及到的参数都是在 230V 输入，额定负载和在周围温度为 25°C 的情况下测试的；
All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25 of ambient temperature;

2. 注意接线的方向，不要搞反输入和输出端

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