



### —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

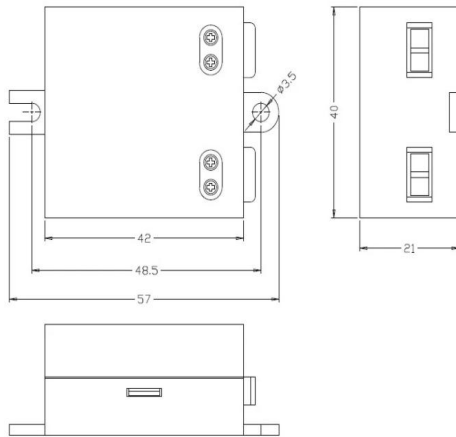
Model		LKAD08V	
输入 Input	输入电压范围/Input Voltage range	100-277V	
	频率/Frequency	50/60hz	
	谐波/THD		
	功率因数/Power factor	0.5@230V	
	输入电流 Input current (mA)	200MA	
	待机功耗 stand_by power	≤0.5s/230VAC	
	浪涌电流 Inrush Current (Max.)	≤30A@230VAC	
	漏电流 Leakage Current	<1MA/240V	
输出 Output	额定电压/Rated voltage	12V	
	空载电压/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/680-770MA	
	电流精度/Current precision	(+/-) 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 pro	有/Enable	
	短路保护Short Circuit Protectio	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 interfe	Fcc Part15B	
	电磁抗干扰Electromagnetic Susce	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 instalst the unde 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.Becareful of ambient temperature and heat dissipation during the client use this unit, When exceeding TA, the power supply shall be derated</p>		

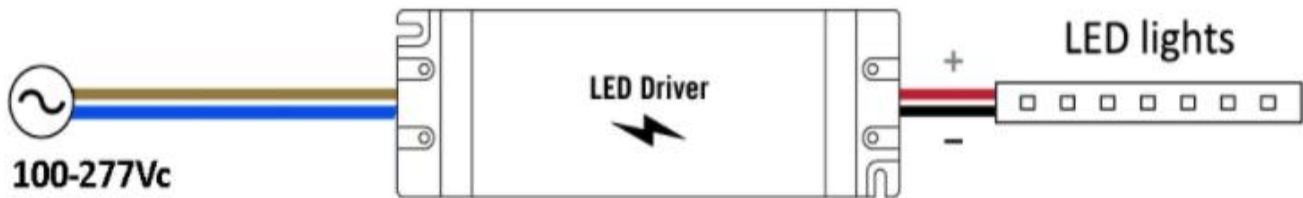
### 测试数据/Test data

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	192.60	10.97	0.567	12.000	698	8.38	76.4%
	161.50	8.80	0.540	9.600	699	6.71	76.3%
	53.10	2.44	0.458	2.000	692	1.38	56.7%
240V	90.88	10.91	0.490	12.000	699	8.39	76.9%
	75.00	8.83	0.479	9.600	698	6.70	75.9%
	26.22	2.59	0.402	2.000	687	1.37	53.1%
277V	82.72	10.94	0.477	12.000	699	8.39	76.7%
	68.92	8.92	0.466	9.600	699	6.71	75.2%
	24.88	2.64	0.382	2.000	682	1.36	51.7%

## 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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