



### —产品特性/Feature—

- 100-277VAC (50/60Hz) 输入 / 100-277VAC (50/60Hz) Input
- 采用美国原边恒压恒流隔离方案,。Adopting the original constant voltage and current isolation scheme of the United States.
- 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		LKAD004V	
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)	95MA	
	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	5-12V	
	可选择电流规格/selectable current	100-350MA	
	电压精度/Voltage accuracy	(+/-) 3%	
	额定功率/Rated power	4.2W	
	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%	

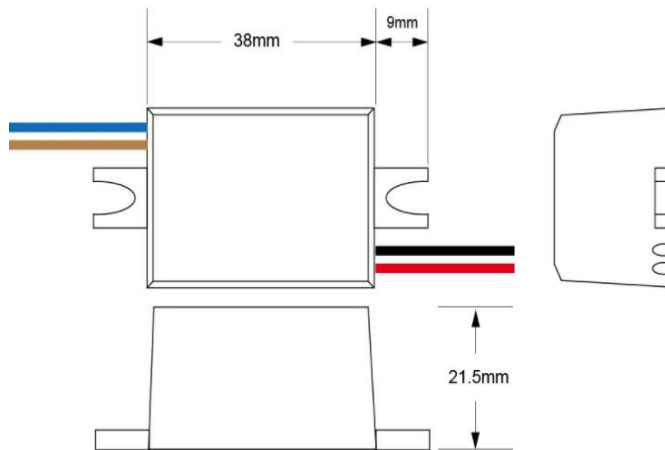
保护特性	开路保护Output open circuit protection	有/Enable	
	短路保护Short Circuit Protection	打嗝模式/Hiccup mode	
使用环境 Environment Requirements	工作温度/湿度要求 Operating Temp./RH	-30~+45℃/20~95%	
	储存温度,湿度要求 Storage Temp./RH	-40~+80℃/10~95%	
安全和电磁兼容 Safety & EMC	认证编号/Certificate	E478938	
	耐压 withstand voltage	1500VAC/60S	
	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-	
	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	37*26*30MM	
	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

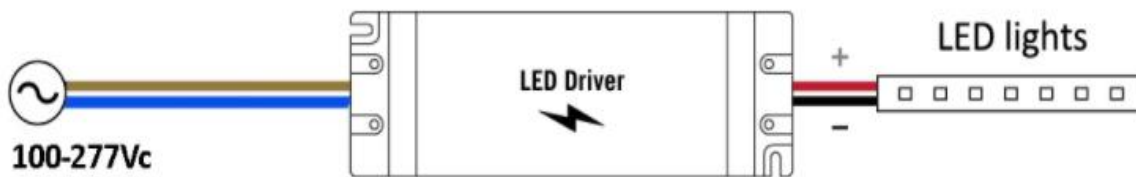
输入电压 Input voltage (Vac)	输入电流 Input current (mA)	输入功率 Input power (W)	功率因数 PF	输出电压 Output voltage (Vdc)	输出电流 Output current (mA)	输出功率 Output Power (W)	转换效率 Efficiency (%)
100V	90.51	6.11	0.660	12.060	350	4.22	69.1%
	51.70	3.17	0.601	11.898	200	2.38	75.1%
	28.40	1.54	0.534	11.836	100	1.18	76.9%
180V	58.25	5.94	0.552	12.040	350	4.21	70.9%
	33.52	3.12	0.502	11.900	200	2.38	76.3%
	19.15	1.58	0.446	11.833	100	1.18	74.9%
240V	48.52	6.03	0.510	12.040	350	4.21	69.9%
	28.58	3.19	0.457	11.900	200	2.38	74.6%
	17.48	1.67	0.932	11.820	100	1.18	70.8%

277V	44.83	6.07	0.489	12.000	350	4.20	69.2%
	27.06	3.28	0.436	12.000	200	2.40	73.2%
	17.23	1.75	0.364	11.820	100	1.18	67.5%

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

**广东领冠智能科技有限公司**

**Dongguan Linkuan Semiconductor Lighting Co.,Ltd**

地 址：广东省东莞市万江区大莲塘工业  
区3号

Address: NO.3 Building, Daliantang  
Industrial Park,

WanjiangDistrict,Dongguan,Guangdong,Chin  
a

Tel:+86-769-23129651 Fax:+86-23129652