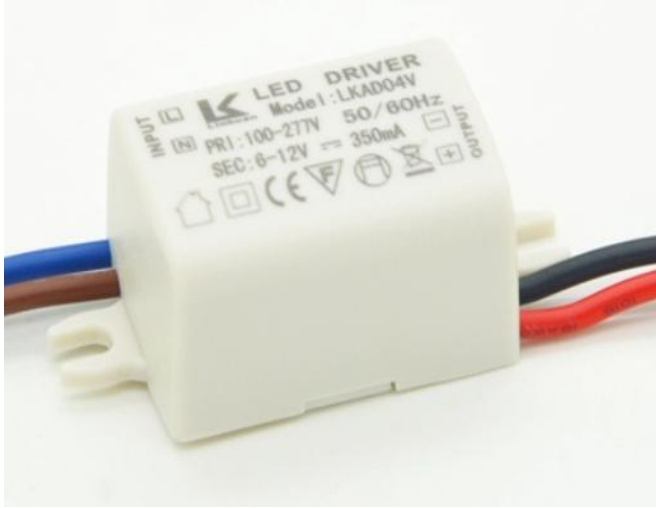




CC LED Drivers—LKAD004V



—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

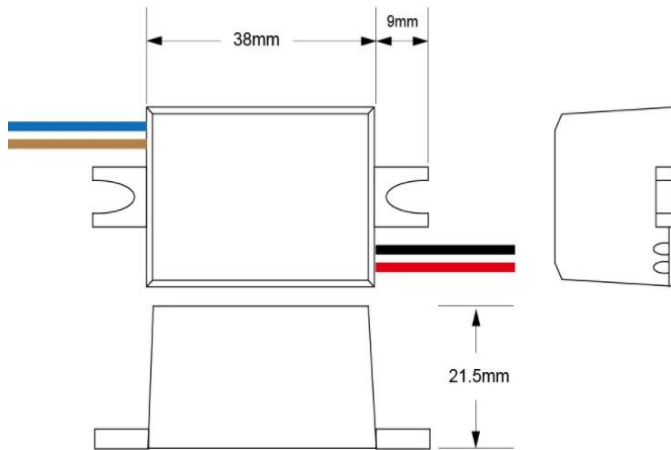
Model		LKAD004V	
输入 Input	输入电压范围/Input Voltage range	100-277V	
	频率/Frequency	50/60hz	
	谐波/THD		
	功率因数/Power factor	0.5@230V	
	输入电流 Input current (mA)	90MA	
	待机功耗 stand_by power	≤0.5s/230VAC	
	浪涌电流 Inrush Current (Max.)	≤30A@230VAC	
	漏电流 Leakage Current	<1MA/240V	
输出 Output	额定电压/Rated voltage	12V	
	空载电压/No-load Voltage	12.5V	
	工作电压范围/working voltage	2-12V	
	可选择电流规格/selectable current	100-350MA	
	电流精度/Current precision	(+/-) 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 p	有/Enable	
	短路保护Short Circuit Protect	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°C/20~95%	
	储存温度,湿度要求 Storage Temp./RH	-40~+80°C/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 inter	Fcc Part15B	
	电磁抗干扰Electromagnetic Sus	Fcc Part15B	
其他 Others	IP等级说明 IP level descripti	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 instal 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>		

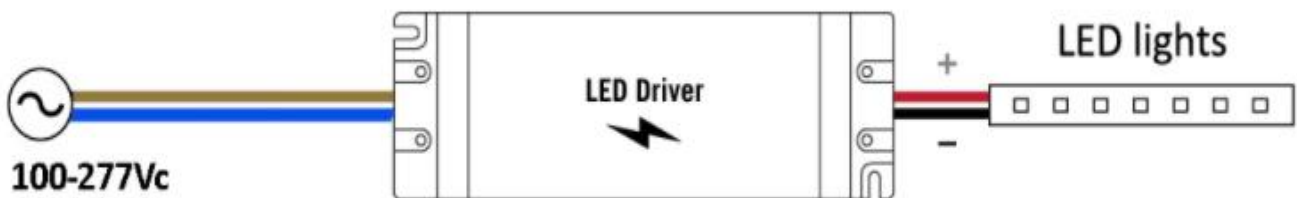
测试数据/Test data

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	85.88	5.72	0.662	12.00	346	4.15	72.6%
	67.49	4.35	0.639	9.00	351	3.16	72.6%
	36.82	2.60	0.564	5.00	351	1.76	67.5%
240V	46.26	5.63	0.510	12.00	352	4.22	75.0%
	37.23	4.35	0.491	9.00	354	3.19	73.2%
	24.45	2.59	0.443	5.00	354	1.77	68.3%
277V	42.28	5.69	0.485	12.00	352	4.22	74.2%
	34.20	4.42	0.463	9.00	353	3.18	71.9%
	23.06	2.66	0.415	5.00	353	1.77	66.4%

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
Pay attention to the direction of wiring, do not reverse the input and output terminals

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