



LED External Driver—LKAD010V



CE RoHS

—产品特性/Feature—

- 220-264VAC(50/60Hz)输入/ 220-264VAC(50/60Hz) Input
- 隔离方案, 不调光/Isolated,non-dimmable driver;
- 高效率、稳定性好/ Hight efficiency,good steady;
- 短路保护,过流保护,过压保护,过温保护/ Short circuit,over voltage,over current and over temperature protection;
- 自然风冷/ cooling by free air convection;
- 100%满载老化测试/ 100% full load burn-in test;
- 独立外置, Class II 恒压类型/Independent, Class II constant voltage type;
- 防护等级 IP20/ degree of protection IP20;

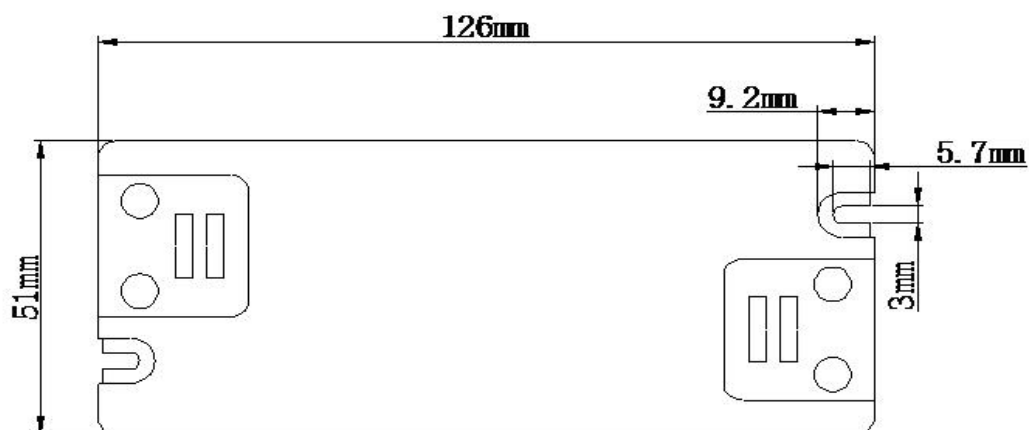
产品参数/Specification

Model	LKAD010V	
输入 Input	AC电压范围/AC Voltage range	220-264V
	频率/Frequency	50/60hz
	谐波/THD	
	功率因数/Power factor	0.4/240VAC
输出 Output	额定电压/Rated voltage	12V
	空载电压/No-load Voltage	12.4V
	DC电压范围/DC voltage range	11.45-12.31V
	DC电流范围/DC current range	300-500mA
	电流精度/Current precision	(+/-) 5%
	额定功率/Rated power	6W
	开机延时/Setup Time	≤0.5s/230VAC
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	认证编号/Certificate	IEC61347-2-13 EN6147-2-13
		EN55015
其他	尺寸/Size	L126mm*W51mm*H15mm
	重量/Net weight	---

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 (%)
220V	12.600	0.56	0.203	11.45	0	0.00	0.00%
	47.500	4.67	0.448	12.25	300	3.68	78.69%
	72.200	7.59	0.478	12.31	500	6.16	81.09%
240V	12.530	0.57	0.189	11.45	0	0.00	0.00%
	45.270	4.72	0.435	12.24	300	3.67	77.80%
	68.300	7.65	0.469	12.31	500	6.16	80.46%
265V	13.340	0.78	0.222	11.65	0	0.00	0.00%
	43.000	4.79	0.427	12.24	300	3.67	76.63%
	64.800	7.74	0.459	12.30	500	6.15	79.46%

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. 本驱动电源是作为一个部件与最终的设备结合进行操作的。因为EMC的性能在电源完全安装后会受到影响，因此最终设备制造商在完成安装后必须重新获取EMC指示认定。
The LED driver is considered as a component that will be operated in combination with final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again.
3. 可以直接与LEDs连接，但不适宜与额外的驱动电源使用；
Direct connecting to LEDs is suggested, but is not suitable for using additional drivers.
4. 为了满足在灯具安装中最后的Erp校准要求，本驱动电源只能在一个不是永久地连接在交流干线的开关后面使

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