



Waterproof LED Drivers—LKAD060P

—产品特性/Feature—

- 100-277AC(50/60Hz) 输入/ 100-277VAC(50/60Hz) Input;
- 隔离方案/Isolated topology;
- 高效率, 高功率因素, 高压绝缘4KV, 抗雷击>6KV(可升至10000V), 稳定性好/ High efficiency and PF, Hipot 4KV, Surge test>6KV(can be up to 10KV), good stability;
- 变压器铜丝F级, 耐高温155℃(同行120℃)/The copper wire of transformer is Grade F, resist high-temperature 155℃(usually 120℃);
- 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;
- 100%满载老化测试/ 100% full load burn-in test;
- 独立外置, Class I 恒流类型/ Independent, Class I constant current type;
- 防护等级 IP67防水/ Degree of protection IP67 waterproof;
- 适用LED户外照明等照明应用/ Used for outdoor LED lighting and so on;
- 3年质保期/ 3 years warranty.



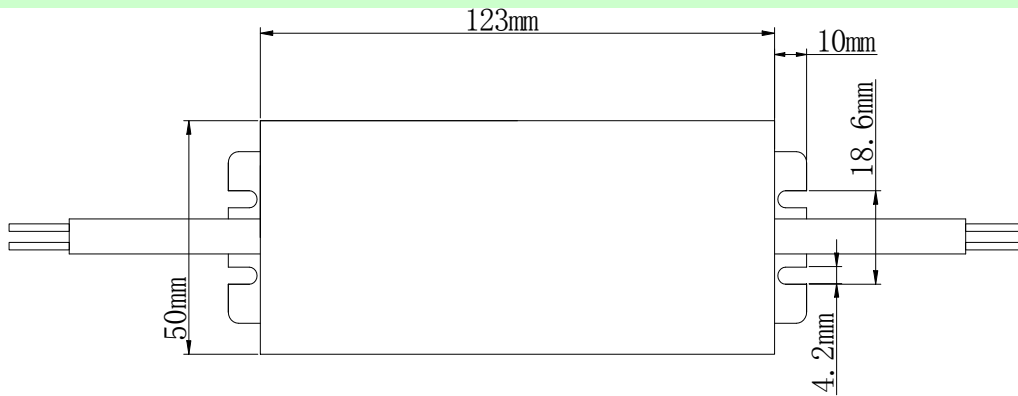
产品参数/Specification

Model	LKAD060P	
输入 Input	AC电压范围/AC Voltage range	100-277V
	频率/Frequency	50/60Hz
	谐波/THD	
	功率因数/Power factor	0.95/230VAC
输出 Output	额定电压/Rated voltage	40V
	空载电压/No-load Voltage	45
	DC电压范围/DC voltage range	25-42V
	DC电流范围/DC current range	1660-1750mA
	电流精度/Current precision	(+/-) 3%
	额定功率/Rated power	68W
	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℃/20~95%
	储存温度, 湿度要求 Storage Temp./RH	-40~+80℃/10~95%
安全和电磁兼容 认证标识/Certificate	UL: E475760	
	FCC: EM201500163-1	
	SAA: SF201501543	
	CCC: 2016011002845332	
其他	尺寸/Size	L123+20mm*W50mm*H35mm
	重量/Net weight	

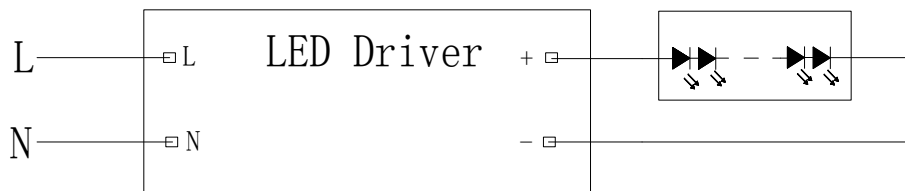
测试数据/Test data

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 (%)	谐波系数 THD
100	550.90	54.06	0.990	26.00	1744	45.34	84%	
	747.40	73.16	0.994	36.00	1721	61.96	85%	
	826.80	80.70	0.996	40.00	1709	68.36	85%	
120	451.80	53.40	0.984	26.00	1744	45.34	85%	
	611.20	72.36	0.991	36.00	1734	62.42	86%	
	676.00	79.97	0.992	40.00	1729	69.16	86%	
230	245.50	51.31	0.910	26.00	1694	44.04	86%	
	320.90	69.66	0.946	36.00	1700	61.20	88%	
	351.80	76.96	0.955	40.00	1701	68.04	88%	
277	217.60	50.95	0.848	26.00	1664	43.26	85%	
	277.60	69.00	0.906	36.00	1675	60.30	87%	
	300.00	76.24	0.919	40.00	1676	67.04	88%	

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℃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用。

To fulfill requirements of the latest ErP regulation for lighting fixtures, this LED power supply can only be used behind a switch without permanently connect to the mains.

东莞市领冠半导体照明有限公司

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,

Wanjiang District,Dongguan,Guangdong,China

Tel:+86-769-23129651

Fax:+86-23129652