

Dimmable LED Drivers—LKAD075D

—产品特性/Feature—

- 208-240VAC (50/60Hz) 输入 / 208-240VAC (50/60Hz) Input
- 隔离方案, 前切 (或后切) 可控硅调光, 调光非常流畅 / Isolated, leading (or trailing) triac dimming, dimming much smoothly;
- 高效率、高功率因素, 稳定性好 / High efficiency, high PF, 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;
- 100%满载老化测试 / 100% full load burn-in test;
- 通过CE认证 / CE approved;
- 独立外置, Class II 恒流类型 / independent, Class II constant current type;
- 防护等级 IP20 / degree of protection IP20;
- 适用于面板灯 / 天花板灯 / 筒灯等照明应用 / suitable for LED lighting, ceiling light, down light and panel light;



产品参数/Specification

Model	LKAD075D	
输入 Input	AC电压范围/AC Voltage range	208-265V
	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	48V
	DC电压范围/DC voltage range	25-42
	DC电流范围/DC current range	700-1500mA
	电流精度/Current precision	(+/-) 3%
	额定功率/Rated power	63W
	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	认证编号/Certificate	IEC61347-2-13 EN6147-2-13
		EMC EN55015
其他	尺寸/Size	L175mmxW50mmxH30mm
	重量/Net weight	150g

测试数据/Test data

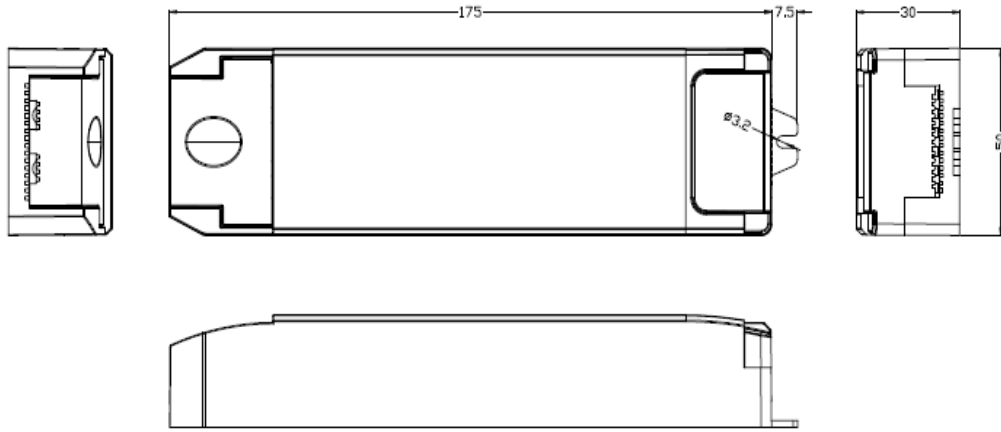
输入电压 Input voltage (Vac)	输入电流 Input current (mA)	输入功率 Input power (W)	功率因数 PF	输出电压 Output voltage (Vdc)	输出电流 Output current (mA)	输出功率 Output Power (W)	转换效率 Efficiency (%)	谐波系数 THD
208	220.00	44.50	0.99	25.00	1545	38.63	86.8%	
	311.00	68.08	0.98	40.00	1506	60.24	88.5%	
	362.00	71.90	0.97	42.00	1498	62.92	87.5%	
240	183.00	44.40	0.99	25.00	1554	38.85	87.5%	
	303.00	68.10	0.97	40.00	1507	60.28	88.5%	
	315.00	71.10	0.97	42.00	1504	63.17	88.8%	
265	170.00	44.50	0.98	25.00	1557	38.93	87.5%	
	283.00	68.28	0.95	40.00	1512	60.48	88.6%	
	328.00	71.42	0.95	42.00	1505	63.21	88.5%	

调光测试效果Dimming effect

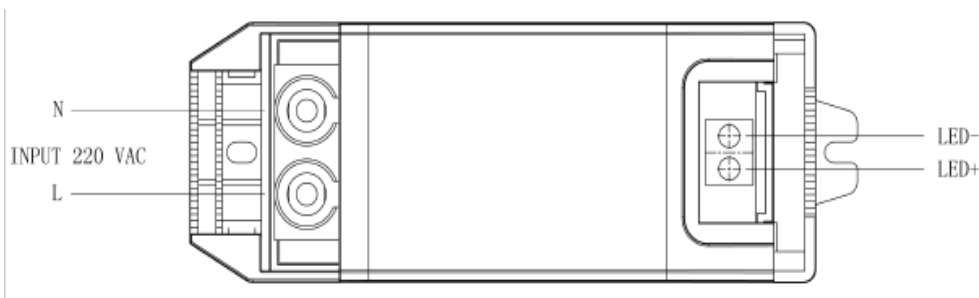
(负载14串43V测试/Test load 14S-voltage 40V)

编号 NO	调光器型号 Dimmer NO	输入功率 Input Power	输出电压 Output Voltage	最小电流 Min current(mA)	最大电流 Max current(mA)	调光比 Dimming ratio	效果 Conclusion	
							调光 Dimming	无频闪 Ripple
1	SHYUSC	68.00	39.60	39.00	1490	2.62%	OK	<3% flicker free
2	T&J25-1000W	67.80	39.90	20.00	1498	1.34%	OK	<3% flicker free
3	T&J25-630W	68.10	39.95	15.00	1500	1.00%	OK	<3% flicker free
4	LE1MOVE LMG-630V	68.00	39.90	10.00	1501	0.67%	OK	<3% flicker free
5	KEEY 220V	67.50	39.90	11.00	1492	0.74%	OK	<3% flicker free
6	美的 630W	67.00	39.95	16.00	1485	1.08%	OK	<3% flicker free
7	业电500W	68.30	39.95	30.00	1495	2.01%	OK	<3% flicker free
8	TENGEN	68.10	39.90	20.00	1496	1.34%	OK	<3% flicker free
9	C12PSAL 500VA	68.00	39.80	25.00	1485	1.68%	OK	<3% flicker free
10	Snaider 450W	66.90	39.90	10.00	1500	0.67%	OK	<3% flicker free
11	威斯堡电气	67.20	39.90	13.00	1508	0.86%	OK	<3% flicker free
12	飞雕 300W	67.60	39.95	30.00	1504	1.99%	OK	<3% flicker free

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

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