

—产品特性/Feature—

- 200-240VAC (50/60Hz) 输入 / 200-240VAC (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		LKAD08D	
输入 Input	AC电压范围/AC Voltage range	200-265V	
	频率/Frequency	50/60hz	
	谐波/THD		
	功率因数/Power factor	0.97/200VAC	
输出 Output	额定电压/Rated voltage	42V	
	空载电压/No-load Voltage	46V	
	DC电压范围/DC voltage range	20-42	
	DC电流范围/DC current range	340-360mA	
	电流精度/Current precision	(+/-) 3%	
	额定功率/Rated power	15W	
	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	LVD	
		EMC	
其他	尺寸/Size	L105mmxW40mmxH25mm	
	重量/Net weight	72g	

测试数据/Test data

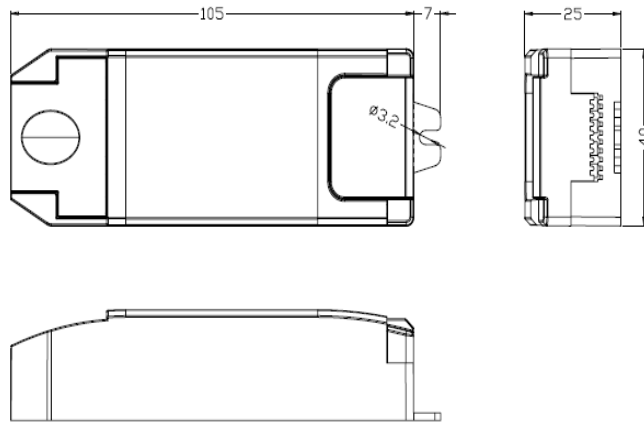
输入电压 Input voltage (Vac)	输入电流 Input current (mA)	输入功率 Input power (W)	功率因数 PF	输出电压 Output voltage (Vdc)	输出电流 Output current (mA)	输出功率 Output Power (W)	转换效率 Efficiency (%)	谐波系数 THD
200	60.00	11.70	0.95	26.44	356	9.41	80.4%	
	76.00	14.60	0.97	34.50	351	12.11	82.9%	
	87.00	16.90	0.98	40.00	349	13.96	82.6%	
240	52.00	11.60	0.92	26.46	353	9.34	80.5%	
	64.00	14.50	0.95	26.46	349	9.23	63.7%	
	73.00	16.70	0.96	40.00	347	13.88	83.1%	
265	50.00	11.60	0.90	26.44	352	9.31	80.2%	
	60.00	14.50	0.93	34.20	348	11.90	82.1%	
	67.00	16.60	0.95	40.00	344	13.76	82.9%	

调光测试效果Dimming effect

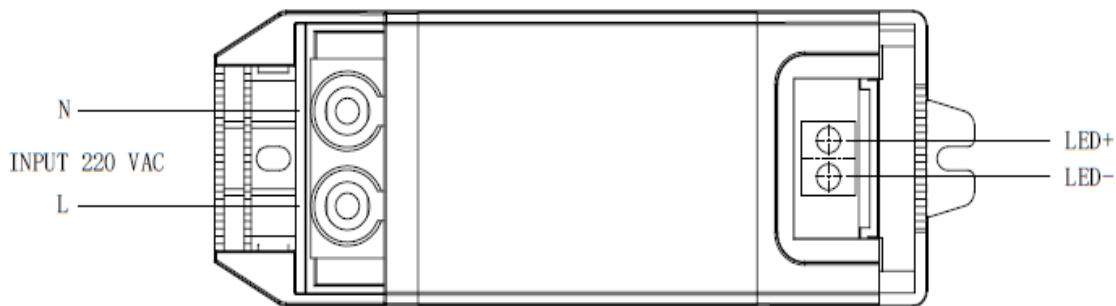
(负载14串43V测试/Test load 14S-voltage 43V)

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	16.50	39.80	39.00	320	12.19%	OK	<3% flicker free
2	T&J25-1000W	17.00	39.90	10.00	330	3.03%	OK	<3% flicker free
3	T&J25-630W	17.00	39.95	10.00	333	3.00%	OK	<3% flicker free
4	LE1MOVE LMG-630V	16.90	39.90	3.00	347	0.86%	OK	<3% flicker free
5	KEEY 220V	17.20	39.90	11.00	335	3.28%	OK	<3% flicker free
6	美的 630W	17.00	39.95	0.00	353	0.00%	Excellent	<3% flicker free
7	业电500W	17.00	39.95	32.00	350	9.14%	OK	<3% flicker free
8	TENGEN	16.90	39.90	15.00	348	4.31%	OK	<3% flicker free
9	C12PSAL 500VA	16.60	39.80	0.00	317	0.00%	Excellent	<3% flicker free
10	Snaider 450W	17.20	39.90	3.00	337	0.89%	OK	<3% flicker free
11	威斯堡电气	16.90	39.90	3.00	345	0.87%	OK	<3% flicker free
12	飞雕 300W	17.00	39.95	45.00	350	12.86%	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

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