

—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		LKAD026D	
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	690-710mA	
	电流精度/Current precision	(+/-) 3%	
	额定功率/Rated power	29W	
	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	LVD	
		EMC	
其他	尺寸/Size	L135mmxW45mmxH28mm	
	重量/Net weight	116g	

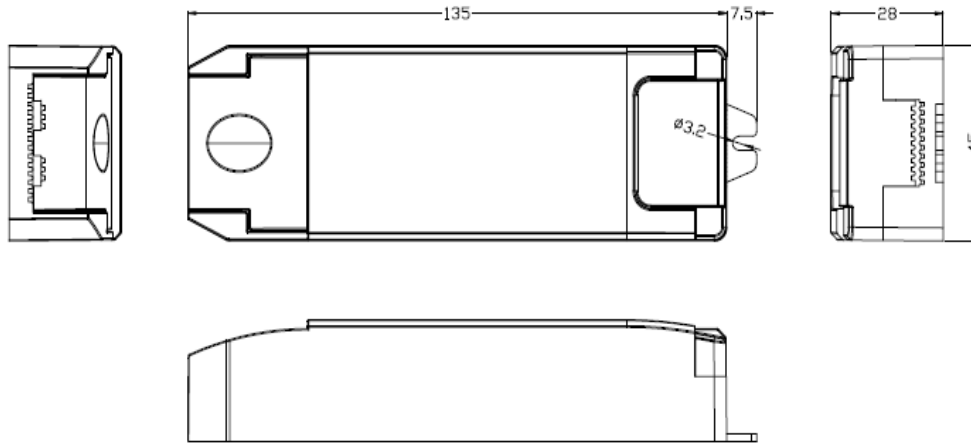
测试数据/Test data

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	121.00	23.30	0.97	27.09	720	19.50	83.7%	
	154.00	30.40	0.93	35.90	717	25.74	84.7%	
	178.00	35.20	0.98	41.90	715	29.96	85.1%	
240	100.00	22.80	0.95	27.12	712	19.31	84.7%	
	127.00	29.50	0.97	35.85	709	25.42	86.2%	
	148.00	34.40	0.97	41.90	710	29.75	86.5%	
265	93.00	22.80	0.93	27.21	710	19.32	84.7%	
	118.00	29.40	0.96	35.83	706	25.30	86.0%	
	34.10	34.10	0.97	41.90	704	29.50	86.5%	

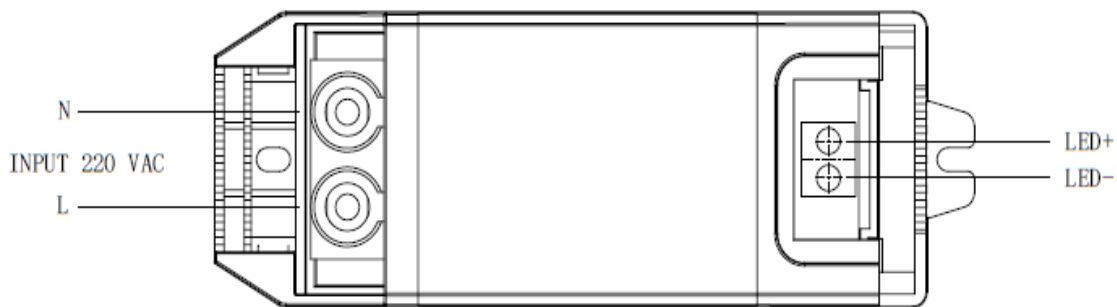
调光测试效果Dimming effect

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	33.80	41.80	82.00	661	12.41%	OK	<3% flicker free
2	T&J25-1000W	35.20	41.90	65.00	685	9.49%	OK	<3% flicker free
3	T&J25-630W	35.30	41.90	58.00	698	8.31%	OK	<3% flicker free
4	LE1MOVE LMG-630V	35.70	41.90	29.00	693	4.18%	OK	<3% flicker free
5	KEEY 220V	35.40	41.90	65.00	685	9.49%	OK	<3% flicker free
6	美的 630W	34.20	41.90	0.00	700	0.00%	Excellent	<3% flicker free
7	Snaider 450W	35.10	41.80	71.00	682	10.41%	OK	<3% flicker free
8	业电500W	35.10	42.00	97.00	715	13.57%	OK	<3% flicker free
9	C12PSAL 500VA	34.10	41.80	0.00	652	0.00%	Excellent	<3% flicker free
10	飞雕	34.20	41.90	124.00	700	17.71%	OK	<3% flicker free
11	威斯堡电气	34.10	42.00	29.00	713	4.07%	OK	<3% flicker free
12	天正	36.20	42.00	72.00	705	10.21%	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, Daliatang Industrial Park,
Wanjiang

District, Dongguan, Guangdong, China

Tel: +86-769-23129651

Fax: +86-23129652