

### —产品特性/Feature—

- 120-277VAC(50/60Hz)输入/ 120-277VAC(50/60Hz) Input
- 隔离方案,前切(或后切)/电子式,可控硅调光,调光非常流畅/Isolated, leading (or trailing)/MOS triac dimming,dimming much smoothly;
- 高效率、高功率因素,稳定性好/ Hight 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;
- 兼容市面上绝大部分调光控制系统(98%以上)。Compatible with most dimming control systems on the market
- 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;
- 采用自主知识产权单片机控制方案,可以做到0.1%调光解晰度/ By adopting the control scheme of single chip microcomputer with independent intellectual property rights, 0.1% dimming resolution can be achieved lighting, ceiling light,down light and panel light;
- 3年质保期/ 3 years warranty..



### 产品参数/Specification

Model		LKAD055V-T	
输入 Input	输入电压范围/Input Voltage range	120-277V	
	频率/Frequency	43-67HZ	
	谐波/THD	≤15%	
	功率因数/Power factor	0.95/240VAC	
	输入电流 Input current (mA)	600MA/120V	
	待机功耗 stand_by power	≤0.5W/240VAC	
	浪涌电流 Inrush Current (Max.)	≤7A@240VAC	
	漏电流 Leakage Current	<0.1MA/240V	
输出 Output	额定电压/Rated voltage	24V	
	空载电压/No-load Voltage	≤25.5V	
	工作电压范围/working voltage range	24V	
	额定电流规格/Rated current specification	500-2500MA	
	电流精度/Current precision	(+/-)5%	
	额定功率/Rated power	60W	
	开机延时/Setup Time	≤0.5s/120VAC	
	输出线性调整率Output Line Regulation	±3%	
温度漂移temperature drift	±3%		

保护特性	开路保护Output open circuit protection	有/Enable	
	短路保护Short Circuit Protection	打嗝模式/Hiccup mode	
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 Safety & EMC	认证编号/Certificate	符合CE/ meet CE	
	耐压 withstand voltage	3750MA/60S	
	绝缘阻抗insulation resistance	500V>100M	
	浪涌等级EMS immunity	IEC6100-4-5 (L-N:1KV)	
	安规标准Safety standard	EN61347, GB19510	
	电磁干扰electromagnetic interference	EN55015, EN61000-3-2	
	电磁抗干扰Electromagnetic Susceptibility	EN61000-4-2. 3. 4. 5. 6. 8. 11. EN61547	
其他 Others	IP等级说明 IP level description	IP20	
	质保说明Warranty instructions	3年/3 years	
	尺寸/Size	155*50*28	
	重量/Netweight		
注意事项 matters needing attention	<p>1. 建议客户在灯具供电回路中安装过欠压保护与浪涌保护装置, 以确保用电安全 1. pls suggest the client to instal the unde voltage protection device and surge protection device to ensure Electricity safety</p> <p>2. 电源作为整灯灯具中的一个零部件与终端设备结合使用, 因EMC性能受LED灯具及走线的影响, 终端设备制造需对整套装置重新进行EMC确认。 2. The power supply is considered a component which will be installed a final equipment. The final equipment must be re-confirmed that it still meets EMC directives.</p> <p>3. 客户在使用电源时, 注意电源通风散热和环境温度, 超过TA时要做降额使用 3. Becareful of ambient temperature and heat dissipation during the client use this unit, When exceeding TA, the power supply shall be derated</p>		

### 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 (%)
277V	75.00	16.01	0.759	24	502	12.05	75.3%
	115.00	28.34	0.883	24	1000	24.00	84.7%
	250.00	67.42	0.964	24	2486	59.66	88.5%
220V	83.00	15.54	0.861	24	502	12.05	77.5%
	133.00	27.81	0.952	24	1000	24.00	86.3%
	317.00	67.42	0.977	24	2484	59.62	88.4%
120V	125.00	14.51	0.959	24	500	12.00	82.7%
	235.00	27.73	0.993	24	1000	24.00	86.5%
	585.00	69.99	0.994	24	2483	59.59	85.1%

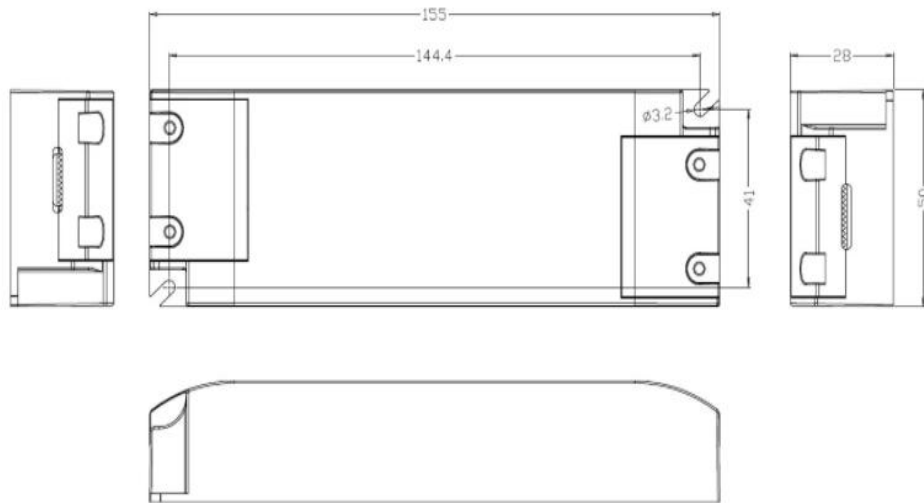
调光测试效果Dimming effect	(欧规240V品牌调光器测试/European standard 240V brand dimmer test)
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编号 NO	调光器型号 Dimmer Type	最小瓦数 Minimum wattage(W)	最大瓦数 Maximum wattage ( W)	调光比 Dimming ratio	调光效果 Dimming effect	备注 remarks
1	Snaider 300W	0.15W	64.6W	0-100%	Perfect	全暗
2	JUNON 300W	30W	65W	46-100%	Perfect	较亮
3	美尚 1000W	3.7W	64.76W	6-100%	Perfect	微亮
4	TENGEN V5-TG/G	10W	64.95W	15-100%	Perfect	较亮
5	Nader	10W	64W	16-100%	Perfect	较亮
6	CLIPSAL 500VA	0.15W	66.26W	0-100%	Perfect	全暗
7	Midea	3.6W	65W	6-100%	Perfect	微亮
8	松本电工	0.13W	64.74W	0-100%	Perfect	全暗
9	TCL	0.19W	64.15W	0-100%	Perfect	全暗
10	SHYUSLC	3.7W	64.28W	6-100%	Perfect	微亮

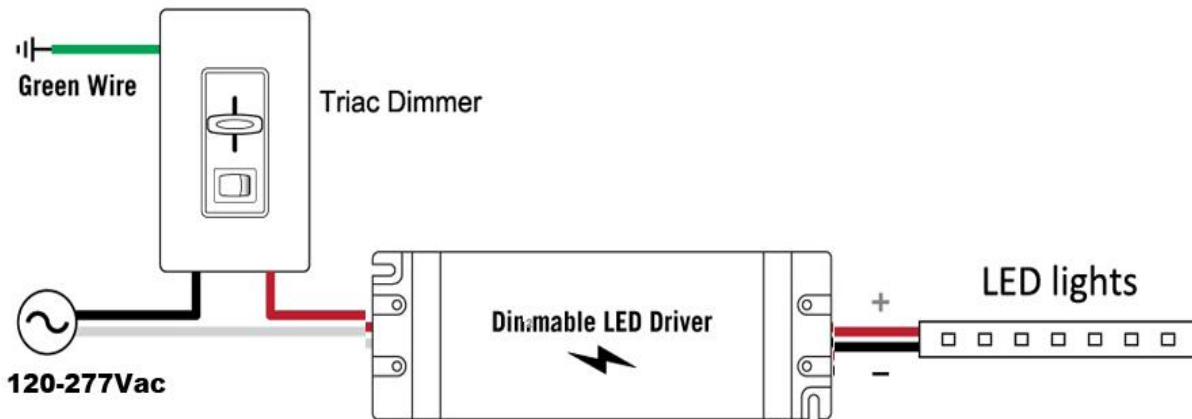
调光测试效果Dimming effect	(美规120V品牌调光器测试/Testing of American Standard 120V dimmer)
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编号 NO	调光器型号 Dimmer Type	最小瓦数 Minimum wattage(W)	最大瓦数 Maximum wattage ( W)	调光比 Dimming ratio	调光效果 Dimming effect	备注 remarks
1	Lutron SB-1 600W	2.95W	66.7W	4-100%	Perfect	微亮
2	LC211	1.68W	66.99W	0-100%	Perfect	全暗
3	Lutron SCL-153P	0.98W	67.44W	0-100%	Perfect	全暗
4	TLC-0005	1.15W	66.5W	0-100%	Perfect	全暗
5	TLC-004	2.33W	67W	3-100%	Perfect	微亮
6	TLC-0003	2.26W	67W	3-100%	Perfect	微亮
7	LEVLTON 150W	0.58W	67W	0-100%	Perfect	全暗
8	PanaSonic Wn3020	1.66W	66.76W	0-100%	Perfect	全暗

## 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240V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 240VAC input, rated load and 25 of ambient temperature;

2. 注意接线的方向，不要搞反输入和输出端

Pay attention to the direction of wiring, do not reverse the input and output terminals

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