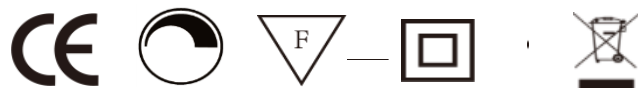


—产品特性/Feature—



- 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/ MCU solution, The dimming resolution can be accurate to 0.1%
- 3年质保期/ 3 years warranty.

产品参数/Specification

Model		LKAD032V-T	备注
输入 Input	输入电压范围/Input Voltage range	120-277V	
	频率/Frequency	50/60hz	
	谐波/THD	≤15%	
	功率因数/Power factor	0.999/120VAC	
	输入电流 Input current (mA)	2000MA/120VAC	
	待机功耗 stand_by power	≅3.5W	
	浪涌电流 Inrush Current (Max.)	≤68A@277VAC	
	漏电流 Leakage Current	<1MA/277VAC	
输出 Output	额定电压/Rated voltage	12V	
	空载电压/No-load Voltage	≅24.5V	
	工作电压范围/working voltage range	11.5-12.2V	
	可选择电压规格/selectable voltage specs	12V/24V/48V	
	电压精度/Current tolerance	(+/-)1%	
	额定功率/Rated power	24W	
	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℃/20~95%	
	储存温度,湿度要求 Storage Temp./RH	-40~+80℃/10~95%	
	认证编号/Certificate	/	

安全和电磁兼容 Safety & EMC	耐压 withstand voltage	3750VAC/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	5年/5 years	
	尺寸/Size	115x45x25mm	
	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 install 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，终端设备制造商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 (%)
120V	260.00	30.29	0.955	12.20	2000	24.40	80.5%
	210.00	25.21	0.996	12.18	1650	20.09	79.9%
	160.00	19.68	0.996	12.19	1250	15.24	77.4%
240V	120.00	29.44	0.982	12.17	2000	24.34	82.7%
	110.00	24.81	0.970	12.18	1650	20.10	81.0%
	84.70	19.54	0.956	12.20	1250	15.25	78.1%

调光测试效果Dimming effect

(欧规240V品牌调光器测试/European standard 240V brand dimmer test)

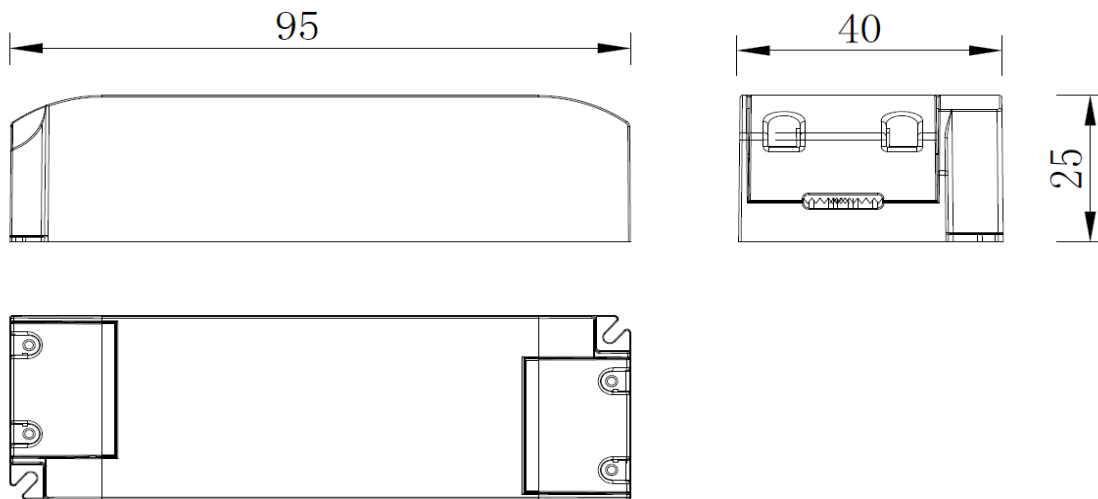
编号 NO	调光器型号 Dimmer Type	最小瓦数 Minimum wattage(W)	最大瓦数 Maximum wattage (W)	调光比 Dimming ratio	调光器种类 The type of dimmer	备注 remarks
1	T&J 25-1000W	3.30	29.19	11.31%	Leading	p
2	Lautrupvang DK-275D	5.80	26.60	21.80%	Trailing	p
3	European-No 2	5.50	27.60	19.93%	Trailing	p
4	TENGEN V5-TG/G	5.10	29.57	17.25%	Leading	p
5	Nader	5.10	29.19	17.47%	Leading	p
6	CLIPSAL 500VA	0.10	26.29	0.38%	Leading	p
7	Midea 220V 630W	5.70	29.61	19.25%	Leading	p
8	European-No 1	1.70	29.51	5.76%	Trailing	p
9	TCL 630W 220V	0.13	30.23	0.43%	Leading	p
10	SHYUSLC UK-PRD400VA	3.70	26.09	14.18%	Trailing	p

调光测试效果Dimming effect

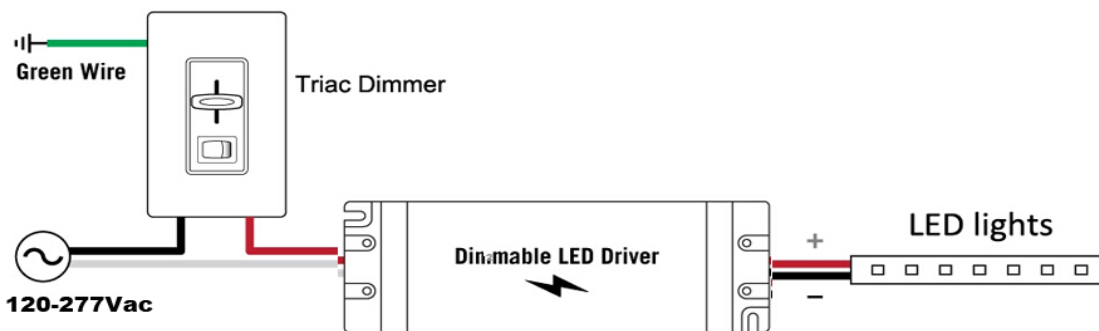
(美规120V品牌调光器测试/Testing of American Standard 120V dimmer)

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	调光器种类 The type of dimmer	备注 remarks
1	Lutron SB-1 600W	0.14	26	0.54%	Leading	P
2	LC211	0.20	27	0.73%	Leading	P
3	Lutron TTCL100	0.40	26	1.54%	Leading	P
4	TLC-0005	0.10	28	0.36%	Trailing	P
5	PEC-002	2.79	27	10.53%	Leading	P
6	TLC-0003	3.25	27	12.04%	Leading	P
7	LEVLTON 150W	1.60	25	6.49%	Leading	P
8	PanaSonic Wn3020	1.30	26	5.08%	Leading	P

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. 注意接线的方向，不要搞反输入和输出端。

广东领冠智能科技有限公司

Guangdong Linkuan Smart Tech 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