



## 产品参数/Specification

Model		LKAD062D-T	
输入 Input	输入电压范围/Input Voltage range	120-277V	
	频率/Frequency	50/60hz	
	谐波/THD	≤10%	
	功率因数/Power factor	0.95/240VAC	
	输入电流 Input current (mA)	265MA/240V	
	待机功耗 stand_by power	≤0.45W/240VAC	
	浪涌电流 Inrush Current (Max.)	≤15A@240VAC	
	漏电流 Leakage Current	<1MA/240V	
输出 Output	额定电压/Rated voltage	36V	
	空载电压/No-load Voltage	≤45V	
	工作电压范围/working voltage range	25-42V	
	额定电流规格/Rated current specification	1270MA ± 20MA	
	电流精度/Current precision	(+/-) 5%	
	额定功率/Rated power	53W	
	开机延时/Setup Time	≤0.5s/120VAC	
	输出线性调整率Output Line Regulation	±5%	
	温度漂移temperature drift	±10%	

### —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/ 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;
- 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.

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%	
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*43*26MM	
	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	537.20	62.04	0.990	42	1246	52.33	84.4%
	492.40	56.34	0.990	38	1249	47.46	84.2%
	469.70	53.55	0.990	36	1250	45.00	84.0%
	399.10	45.30	0.990	30	1260	37.80	83.4%
	340.20	38.45	0.990	25	1268	31.70	82.4%
240V	265.60	60.55	0.952	42	1261	52.96	87.5%
	244.00	55.40	0.947	38	1268	48.18	87.0%
	233.80	52.82	0.944	36	1272	45.79	86.7%
	201.40	44.96	0.933	30	1282	38.46	85.5%
	174.30	38.36	0.919	25	1292	32.30	84.2%

277V	232.60	60.97	0.947	42	1271	53.38	87.6%
	214.10	55.71	0.940	38	1276	48.49	87.0%
	204.90	53.09	0.937	36	1280	46.08	86.8%
	177.00	45.21	0.923	30	1290	38.70	85.6%
	153.70	38.59	0.907	25	1298	32.45	84.1%

调光测试效果Dimming effect

(欧规230V品牌调光器测试/European standard 230V brand dimmer test)

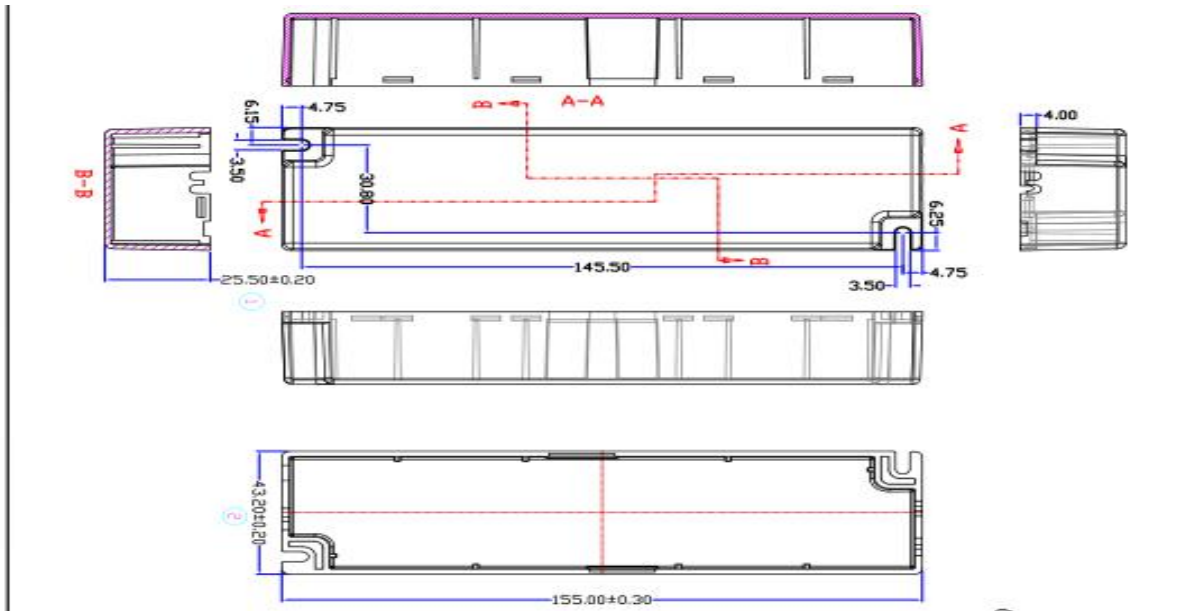
编号 NO	调光器型号 Dimmer Type	最小电流 Min current (mA)	最大电流 Max current(mA)	调光比 Dimming ratio	调光效果 Dimming effect
1	TENGEN V5-TG/G	131MA	1286MA	10-100%	OK
2	SHYUSC UK-PR D 400VA	44MA	1282MA	1-100%	OK
3	TRJ 1000W	118MA	1288MA	9-100%	OK
4	TRJ 630W	136MA	1272MA	11-100%	OK
5	EUCHIPS	366MA	1279MA	29-100%	OK
6	JUNON 300W	140MA	1286MA	11-100%	OK
7	美尚 1000W	199MA	1305MA	15-100%	OK
8	CLiPSAL 450W	203MA	1293MA	16-100%	OK
9	LTECH	32MA	1291MA	2-100%	OK
10	LEVIT ON 277V	562MA	1291MA	44-100%	OK
11	Midea	168MA	1291MA	13-100%	OK
12	Panasonic 220V	145MA	1294MA	11-100%	OK

调光测试效果Dimming effect

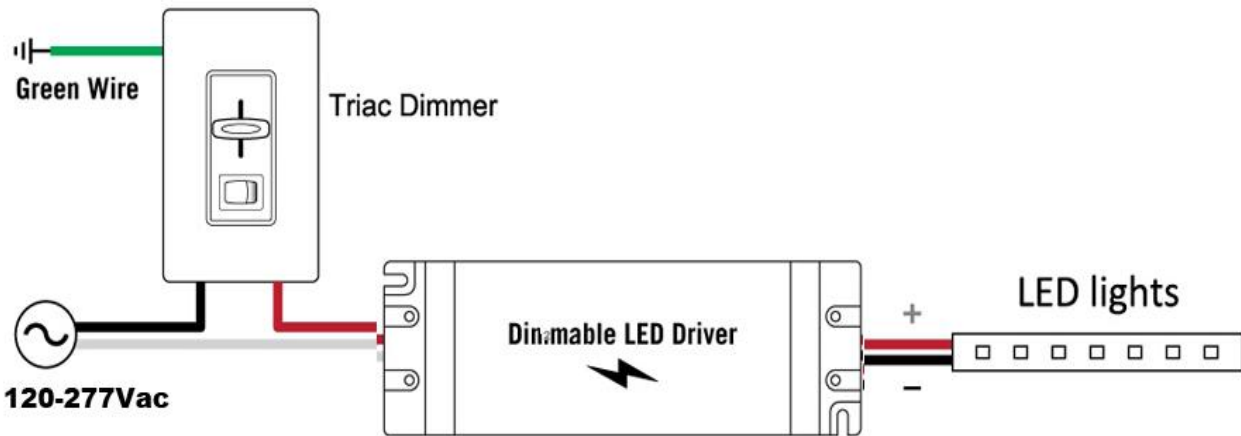
(美规120V品牌调光器测试/Testing of American Standard 120V dimmer)

编号 NO	调光器型号 Dimmer Type	最小电流 Min current (mA)	最大电流 Max current(mA)	调光比 Dimming ratio	调光效果 Dimming effect
1	LUTRON TTCL-100	47MA	1233MA	4-100%	OK
2	TLC-005	7MA	1257MA	0.5-100%	OK
3	TLC-0003	32MA	1246MA	3-100%	OK
4	LC211	13MA	1241MA	1-100%	OK
5	LUTRON SCL-153P	9MA	1203MA	0.7-100%	OK
6	TLC-0004	31MA	1257MA	2-100%	OK
7	LiSTED SB-1	0MA	1260MA	0-100%	OK
8	Panssonic 120V	21MA	1294MA	2-100%	OK

## 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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