



—产品特性/Feature—

- 100-132VAC (50/60Hz) 输入/ 100-132VAC (50/60Hz) Input
- 隔离方案, 兼容市面上主流的可控硅调光系统, 无频闪/ Isolation scheme, compatible with the mainstream SCR dimming system on the market, no stroboscopic
- 高效率, 稳定性好/ High efficiency,, good steady;
- 短路保护, 过流保护, 过压保护/ short circuit/over load/over current/ ;
调光流畅, 兼容性好/smooth dimming, good compatibility
- 100%满载老化测试/ 100% full load burn-in test;
- 独立外置, ClassI恒流类型/ independent, ClassI constant current type;
- 防护等级 IP65导热硅胶散热/ Protection grade IP65 heat conduction silica gel heat dissipation .



产品参数/Specification

Model		LKAD054D	
输入 Input	输入电压范围/Input Voltage range	108-132V	
	频率/Frequency	50/60hz	
	谐波/THD	≤15%	
	功率因数/Power factor	0.95/110VAC	
	输入电流 Input current (mA)	500MA	
	待机功耗 stand_by power	≅0.5W	
	浪涌电流 Inrush Current (Max.)	≤30A@230VAC	
	漏电流 Leakage Current	<1MA/120V	
输出 Output	额定电压/Rated voltage	12V	
	空载电压/No-load Voltage	12V	
	工作电压范围/working voltage range	12V	
	可选择电流规格/selectable current	4000MA	
	电流精度/Current precision	(+/-) 3%	
	额定功率/Rated power	48W	
	开机延时/Setup Time	≤0.5s/230VAC	
	输出线性调整率Output Line Regulation	±5%	
	温度漂移temperature drift	±10%	

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	E478938	
	耐压 withstand voltage	1500VAC/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	IEC61347-2-13 EN6147-2-13	
	电磁干扰electromagnetic interference	Fcc Part15B	
	电磁抗干扰Electromagnetic Susceptibility	Fcc Part15B	
其他 Others	IP等级说明 IP level description	IP65	
	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 install the under 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. Be careful 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

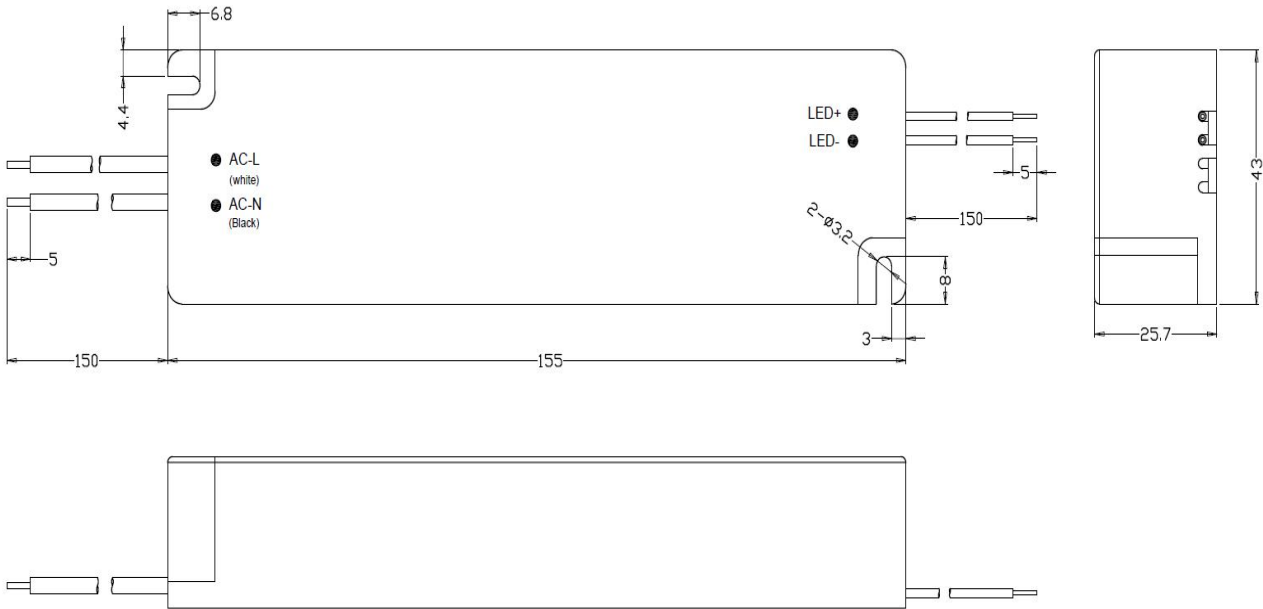
输入电压 Input voltage (Vac)	输入电流 Input current (mA)	输入功率 Input power (W)	功率因数 PF	输出电压 Output voltage (Vdc)	输出电流 Output current (mA)	输出功率 Output Power (W)	转换效率 Efficiency (%)
100V	595.00	60.08	0.991	12.000	4000	48.00	79.9%
	288.10	29.05	0.992	12.200	2000	24.40	84.0%
	85.91	7.71	0.889	12.300	500	6.15	79.8%
120V	490.30	58.81	0.990	12.000	4000	48.00	81.6%
	244.40	28.68	0.978	12.200	2000	24.40	85.1%
	78.90	7.80	0.823	12.300	500	6.15	78.8%
132V	442.50	58.55	0.990	12.020	4000	48.08	82.1%
	224.60	28.64	0.964	12.200	2000	24.40	85.2%
	76.44	7.87	0.778	12.300	500	6.15	78.1%

调光测试效果Dimming effect

(负载灯带测试/Test load voltage)

编号 NO	调光器型号 Dimmer Type	最小电流 Min current	最大电流 Max current(mA)	调光比 Dimming ratio	调光效果 Dimming effect
1	LEVITON 666 150W	151MA	4000MA	4-100%	OK
2	TCL-004 800W	458MA	4000MA	12-100%	OK
3	LC211 300W	203MA	4000MA	5-100%	OK
4	TLC-003 300W	456MA	4000MA	12-100%	OK
5	LUTRON-TTCL-100 250W	659MA	4000MA	17-100%	OK
6	DINNER SB-1 600W	86MA	4000MA	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230V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 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

Dongguan Linkuan Semiconductor Lighting

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

District, Dongguan, Guangdong, China

Tel:+86-769-23129651

Fax:+86-

23129652