

## —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) / 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 current, over voltage, 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;



## 产品参数/Specification

Model	LKAD034D-T	
输入 Input	输入电压范围/Input Voltage range	200-240V
	频率/Frequency	50/60hz
	谐波/THD	
	功率因数/Power factor	0.60/220VAC
	输入电流 Input current (mA)	300MA Max
	待机功耗 stand_by power	≤1W
	浪涌电流 Inrush Current (Max.)	≤30A@230VAC
	漏电流 Leakage Current	<1MA/240V
输出 Output	额定电压/Rated voltage	40V
	空载电压/No-load Voltage	45V
	工作电压范围/working voltage range	20-42V
	可选择电流规格/selectable current	450MA/600MA/700MA/800MA
	电流精度/Current precision	(+/-) 3%
	额定功率/Rated power	32W
	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	≤45V	
	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		
	电磁干扰Electromagnetic Susceptibility		
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	135*45*25MM	
	重量/Netweight	150g	
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

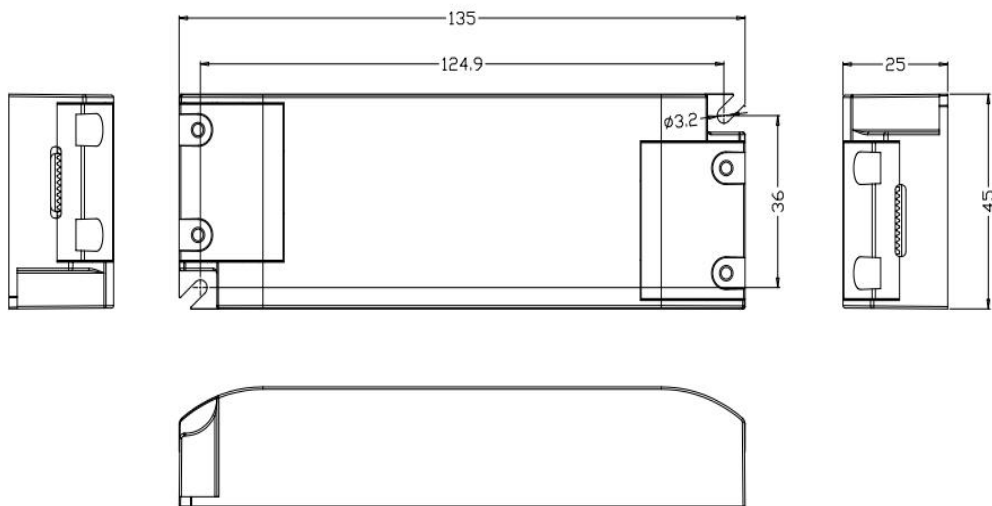
输入电压 Input voltage ( Vac)	输入电流 Input current ( mA)	输入功率 Input power ( W)	功率因数 PF	输出电压 Output voltage ( Vdc)	输出电流 Output current ( mA)	输出功率 Output Power ( W)	转换效率 Efficiency (%)
200	175.90	19.83	0.57	20.00	785	15.70	79.2%
	291.20	33.78	0.58	36.00	795	28.62	84.7%
	319.90	37.19	0.58	40.00	796	31.84	85.6%
230	156.10	19.51	0.55	20.00	780	15.60	80.0%
	258.20	33.61	0.57	36.00	789	28.40	84.5%
	284.00	37.20	0.57	40.00	793	31.72	85.3%
240	150.70	19.59	0.54	20.00	779	15.58	79.5%
	247.20	33.40	0.56	36.00	787	28.33	84.8%
	273.80	37.27	0.57	40.00	794	31.76	85.2%

## 调光测试效果Dimming effect

(负载50V测试/Test load voltage 50V)

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	KEEY 220V~	0MA	800	0-100%	OK
2	EUPCHIPS 500W 105EI	40MA	795	4-100%	调光流畅, 调光比稍大
3	TENGEN	0MA	800	0-100%	OK
4	T & J 630W	0MA	800	0-100%	OK
5	snaider 15-450W	46MA	794	4-100%	调光流畅, 调光比稍大
6	T & J 1000W	0MA	800	0-100%	OK
7	Midea 630W	0MA	795	0-100%	OK
8	CHNT 500W	0MA	780	0-100%	OK
9	JUNON	0MA	794	0-100%	OK
10	UK-PRD400VA 150W	278MA	799	0-100%	OK
11	LTECH 300W	0MA	800	0-100%	OK
12	LINKUN 300W	0MA	797	0-100%	OK

## 产品尺寸图/ Product Size Diagram



## 产品接线示意图/ Product Connection Diagram



## 拨码开关选择电流表

电流/MA	DIP-1	DIP-2
450MA	OFF	OFF
600MA	ON	OFF
700MA	OFF	ON
800MA	ON	ON

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，以及拨码开关的位置。  
Pay attention to the direction of wiring, do not reverse the input and output terminals, and the position of the

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