

# Dimmable LED Driver—LKAD034D

## —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) 可控硅调光, 调光非常流畅 / Isolated, leading (or trailing) triac dimming, dimming much smoothly;
- 高效率、高功率因素, 稳定性好 / High efficiency, high PF, good steady;
- 独立外置, Class II 恒流类型 / independent, Class II constant current type;
- 短路保护, 过流保护, 过压保护, 过温保护 / short circuit/over load/over current/ over temperature protection;
- 100%满载老化测试 / 100% full load burn-in test;
- 防护等级 IP20 / degree of protection IP20;
- 适用于面板灯/天花灯/筒灯等照明应用 / suitable for LED lighting, ceiling light, down light and panel light;
- 3年质保期 / 3 years warranty.



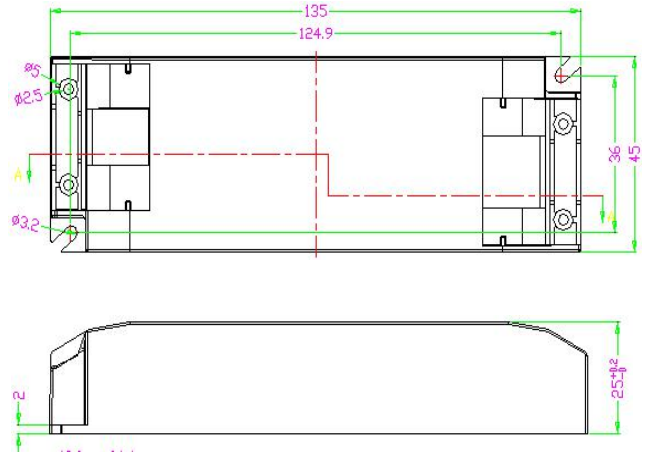
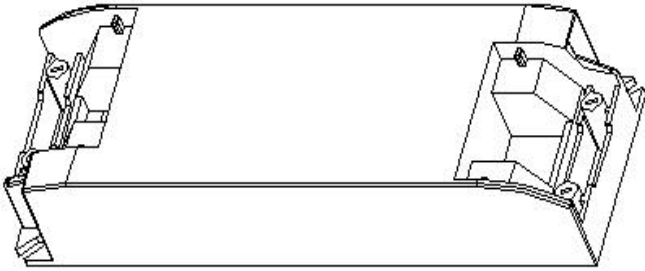
## 产品参数/Specification

Model	LKAD034D	
输入 Input	AC电压范围/AC Voltage range	200-240V
	频率/Frequency	50/60hz
	谐波/THD	
	功率因数/Power factor	0.53/230VAC
输出 Output	额定电压/Rated voltage	40V
	空载电压/No-load Voltage	45V
	DC电压范围/DC voltage range	20-40V
	DC电流范围/DC current range	900mA
	电流精度/Current precision	(+/-) 3%
	额定功率/Rated power	40W
	开机延时/Setup Time	≤0.5s/230VAC
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	认证编号/Certificate	
其他	尺寸/Size	135*45*25mm
	重量/Net weight	

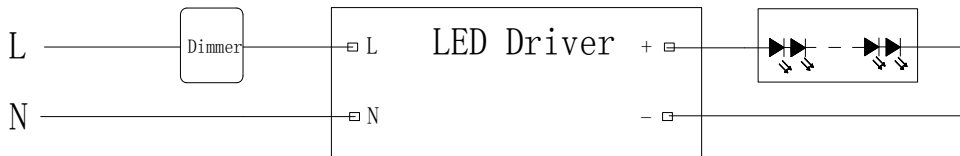
测试数据/Test data

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 (%)	谐波系数 THD
200	212.30	22.79	0.532	20.00	895	17.90	78.5%	
	274.10	32.14	0.580	30.00	884	26.52	82.5%	
	347.10	43.44	0.626	40.00	917	36.68	84.4%	
240	193.40	22.60	0.487	20.00	884	17.68	78.2%	
	253.20	31.75	0.527	30.00	877	26.31	82.9%	
	315.80	43.24	0.571	40.00	913	36.52	84.5%	

产品尺寸图/ Product Size Diagram



产品接线示意图/ Product Connection Diagram



备注/Note:

- 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 120VAC input, rated load and 25 of ambient temperature;
- 本驱动电源是作为一个部件与最终的设备结合进行操作的。因为EMC的性能在电源完全安装后会受到影响，因此最终设备制造商在完成安装后必须重新获取EMC指示认定。  
The LED driver is considered as a component that will be operated in combination with final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again.

3. 可以直接与LEDs连接，但不适宜与额外的驱动电源使用；

Direct connecting to LEDs is suggested, but is not suitable for using additional drivers.

4. 为了满足在灯具安装中最后的Erp校准要求，本驱动电源只能在一个不是永久地连接在交流干线的开关后面使用。

To fulfill requirements of the latest ErP regulation for lighting fixtures, this LED power supply can only be used behind a switch without permanently connect to the mains.

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