



# LED External Driver—LKAD035V

## —产品特性/Feature—

- 100-277VAC(50/60Hz)输入 / 100-277VAC(50/60Hz) Input
- 隔离方案, 不调光/Isolated,non-dimmable driver;
- 高效率、稳定性好 / Hight efficiency,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;
- 自然风冷 / cooling by free air convection;
- 100%满载老化测试 / 100% full load burn-in test;
- 通过 SAA认证 / SAA approved;
- 独立外置, Class II 恒压类型 / Independent, Class II constant voltage type;
- 防护等级 IP20 / degree of protection IP20;
- 适用于灯条、灯带等照明应用 / Suitable for LED strip lighting and so on;
- 3年质保期 / 3 years warranty.



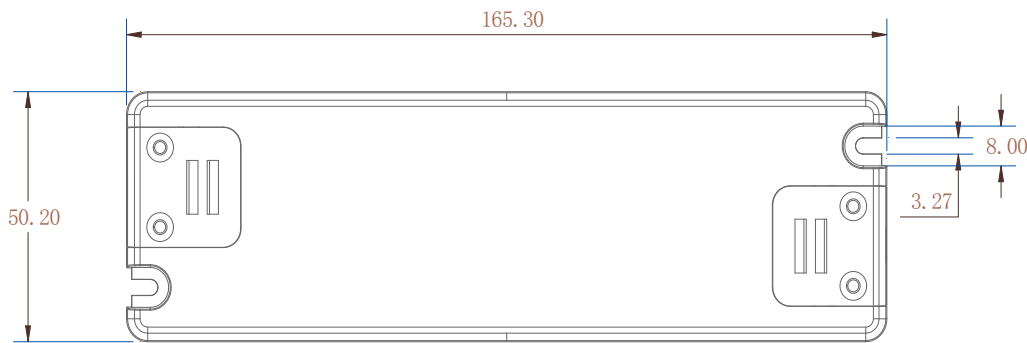
## 产品参数/Specification

Model		LKAD035V	
输入 Input	AC电压范围/AC Voltage range	100-277V	
	频率/Frequency	50/60hz	
	谐波/THD		
	功率因数/Power factor	0.58/230VAC	
输出 Output	额定电压/Rated voltage	24V	
	空载电压/No-load Voltage	24.5V	
	DC电压范围/DC voltage range	23.2-24V	
	DC电流范围/DC current range	1000-1500mA	
	电流精度/Current precision	(+/-) 5%	
	额定功率/Rated power	36W	
	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℃/20~95%	
	储存温度,湿度要求 Storage Temp./RH	-40~+80℃/10~95%	
安全和电磁兼容	认证编号/Certificate	SAA:SF201501544	
其他	尺寸/Size	L165.3*W50.2*H14.7mm	

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
120	397.70	30.15	0.64	23.55	1000	23.55	78.1%	
	501.70	37.98	0.63	23.31	1250	29.13	76.7%	
	635.60	46.76	0.61	23.34	1500	35.01	74.9%	
230	231.20	28.76	0.54	23.49	1000	23.49	81.7%	
	280.00	35.80	0.56	23.39	1250	29.24	81.7%	
	321.30	42.91	0.58	23.35	1500	35.02	81.6%	
277	208.00	28.99	0.50	23.48	1000	23.48	81.0%	
	250.00	35.98	0.52	23.33	1250	29.17	81.1%	
	291.70	43.15	0.53	23.22	1500	34.83	80.7%	

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 230VAC 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.
- 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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