

—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、高功率因素, 稳定性好/ Hight efficiency,hight 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;
- 自然风冷/ cooling by free air convection;
- 100%满载老化测试/ 100% full load burn-in test;
- 通过UL、FCC认证/UL、FCC approved;
- 独立外置, Class II 恒流类型/ independent, Class II constant current type;
- 防护等级 IP67/ degree of protection IP67;
- 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;



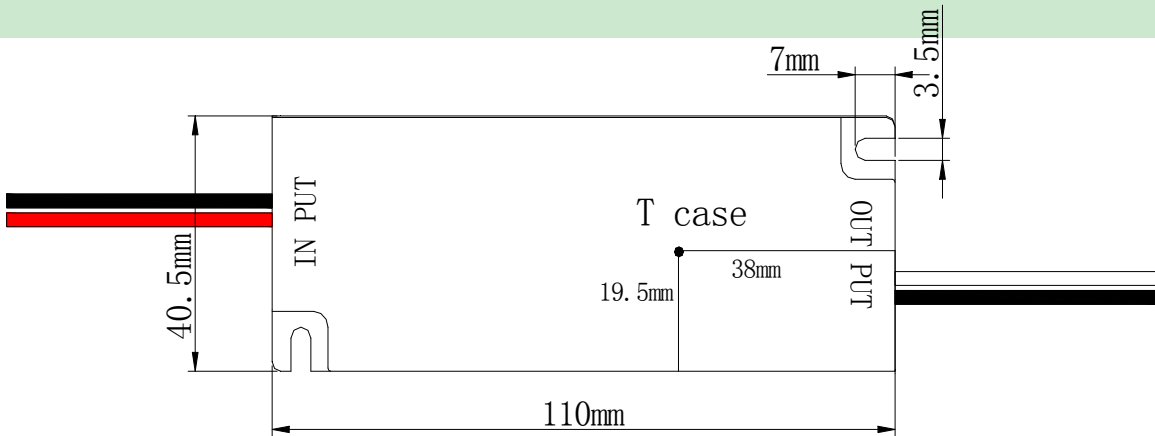
产品参数/Specification

Model	LKAD029F	
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	0.95/230VAC
输出 Output	额定电压/Rated voltage	40V
	空载电压/No-load Voltage	46V
	DC电压范围/DC voltage range	18-40V
	DC电流范围/DC current range	960-1030mA
	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	UL:E478938 FCC:WTD14S1019302E
	其他	
其他	平均无故障工作时间 (MBTF)	50000Hours (TC≤85°C)
	尺寸/Size	L110mm*W40.5mm*H25.5mm

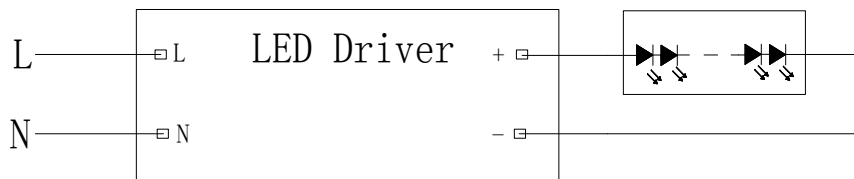
测试数据/Test data

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
100	220.00	21.64	0.984	18.00	982	17.68	81.7%	
	354.60	34.96	0.993	30.00	977	29.31	83.8%	
	463.70	45.73	0.995	40.00	964	38.56	84.3%	
120	180.00	21.00	0.975	18.00	979	17.62	83.9%	
	290.60	34.24	0.988	30.00	978	29.34	85.7%	
	383.00	45.20	0.933	40.00	970	38.80	85.8%	
230	107.10	21.22	0.857	18.00	984	17.71	83.5%	
	162.00	34.67	0.926	30.00	996	29.88	86.2%	
	206.70	45.42	0.951	40.00	988	39.52	87.0%	
277	101.40	21.38	0.756	18.00	984	17.71	82.8%	
	143.40	34.99	0.877	30.00	999	29.97	85.7%	
	181.80	46.00	0.912	40.00	998	39.92	86.8%	

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. 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.

东莞市领冠半导体照明有限公司

Dongguan Linkuan Semiconductor Lighting Co.,Ltd

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