

—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、SAA、CCC认证/UL、FCC、SAA、CCC approved;
- 独立外置, Class II 恒流类型/ independent, Class II constant current type;
- 防护等级 IP65/ degree of protection IP65;
- 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.



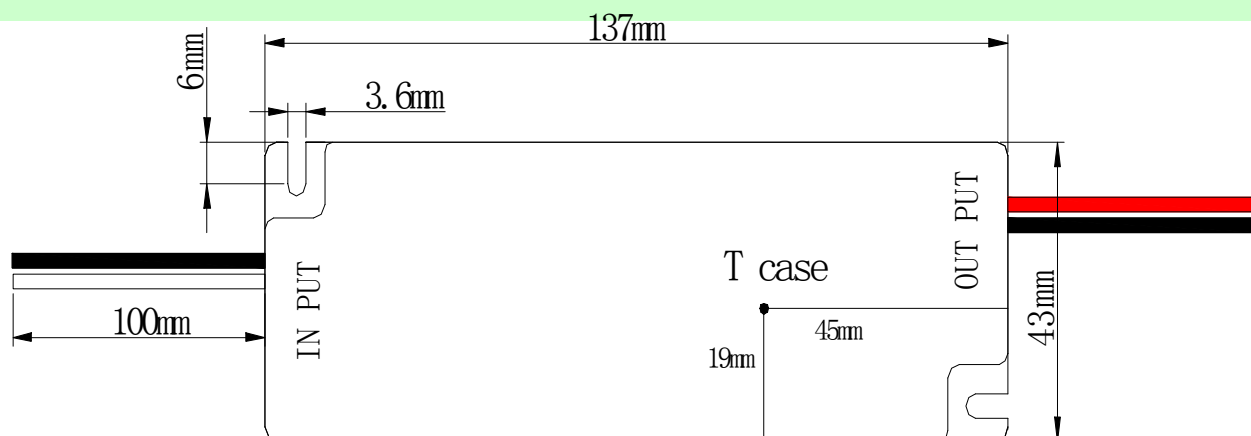
产品参数/Specification

Model	LKAD050F	
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	30-40V
	DC电流范围/DC current range	1470-1530mA
	电流精度/Current precision	(+/-)3%
	额定功率/Rated power	60W
	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	FCC:WTD14S1019300E
		UL:E478938
		SAA:SF201501544
		CCC:2016011002845330
其他	平均无故障工作时间 (MBTF)	50000Hours (TC≤85℃)
	尺寸/Size	L137*W43*H27mm
	重量/Net weight	276g

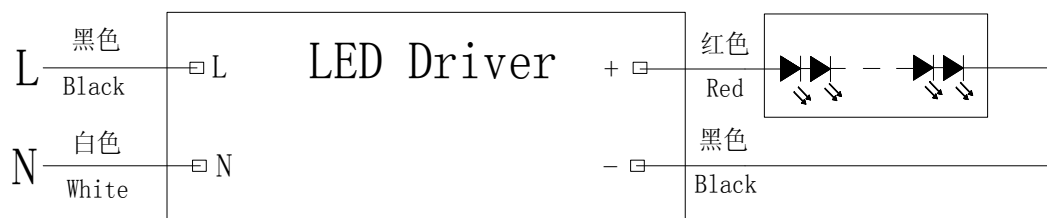
测试数据/Test data

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	547.70	54.63	0.990	30.00	1505	45.15	82.6%	
	650.00	64.43	0.990	36.00	1500	54.00	83.8%	
	715.90	71.16	0.994	40.00	1492	59.68	83.9%	
240	240.00	53.03	0.919	30.00	1480	44.40	83.7%	
	277.00	62.17	0.938	36.00	1480	53.28	85.7%	
	301.80	68.67	0.948	40.00	1480	59.20	86.2%	
264	224.10	52.55	0.886	30.00	1473	44.19	84.1%	
	256.60	62.50	0.914	36.00	1471	52.96	84.7%	
	280.70	69.05	0.927	40.00	1471	58.84	85.2%	

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

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