



# Hight PF External LED Driver—LKAD017F

## —产品特性/Feature—

- 100-240VAC(50/60Hz)输入/ 100-264VAC(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 and 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;
  
- 独立外置, Class II 恒流类型/Independent, Class II constant current type;
- 防护等级 IP20/ degree of protection IP20;
- 适用于天花灯、筒灯和面板灯等照明应用/application:ceiling light,down light and panel light;
- 3年质保期/ 3 years warranty.



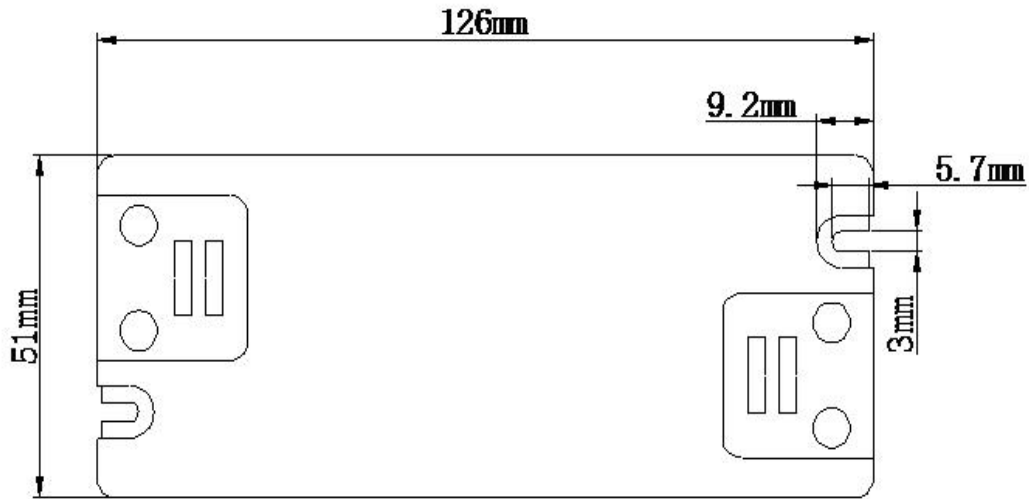
## 产品参数/Specification

Model	LKAD017F	
输入 Input	AC电压范围/AC Voltage range	100-240V
	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	42V
	空载电压/No-load Voltage	50V
	DC电压范围/DC voltage range	30-42V
	DC电流范围/DC current range	330-370mA
	电流精度/Current precision	(+/-) 5%
	额定功率/Rated power	17W
	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	TUV:64.140.16.00628.01
其他	尺寸/Size	L126mm*W51mm*H15mm
	重量/Net weight	---

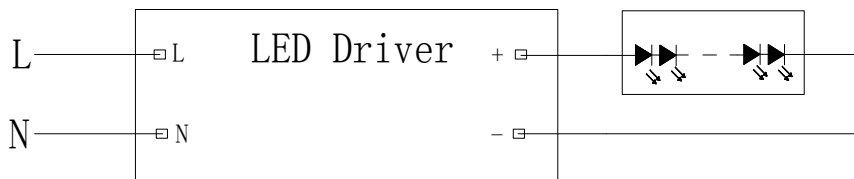
测试数据/Test data

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
100	142.00	14.12	0.994	30.00	366	10.98	77.8%	
	164.80	16.46	0.995	36.00	362	13.03	79.2%	
	189.70	18.88	0.996	42.00	357	14.99	79.4%	
120	116.30	13.65	0.991	30.00	362	10.86	79.6%	
	137.30	16.17	0.993	36.00	361	13.00	80.4%	
	151.80	17.88	0.994	42.00	359	15.08	84.3%	
230	56.30	12.06	0.928	30.00	344	10.32	85.6%	
	65.70	14.27	0.944	36.00	343	12.35	86.5%	
	74.80	16.47	0.956	42.00	340	14.28	86.7%	
264	50.50	11.87	0.888	30.00	337	10.11	85.2%	
	58.50	14.05	0.909	36.00	335	12.06	85.8%	
	66.50	16.23	0.922	42.00	334	14.03	86.4%	

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.

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