

## —产品特性/Feature—



- 90-264VAC(50/60Hz)输入 / 90-264VAC(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/ High efficiency,high 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SAA、TUV、CCC认证/SAA、TUV、CCC approved;
- 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.

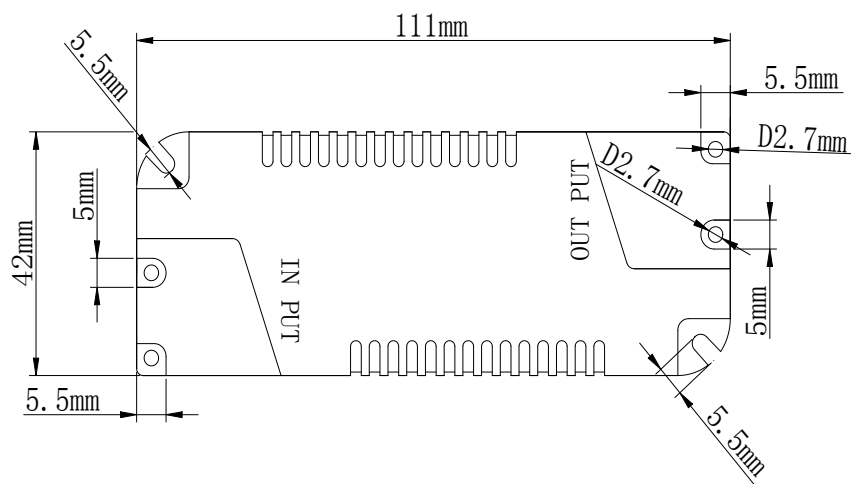
## 产品参数/Specification

Model	LKAD020F	
输入 Input	AC电压范围/AC Voltage range	90-264V
	频率/Frequency	50/60hz
	谐波/THD	
	功率因数/Power factor	0.94/230VAC
输出 Output	额定电压/Rated voltage	80V
	空载电压/No-load Voltage	85V
	DC电压范围/DC voltage range	40-80V
	DC电流范围/DC current range	290-305mA
	电流精度/Current precision	(+/-) 3%
	额定功率/Rated power	24W
	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:085-130324901-000 CCC:2016011002841035
	其他	
其他	尺寸/Size	L111*W42*H24mm
	重量/Net weight	97g

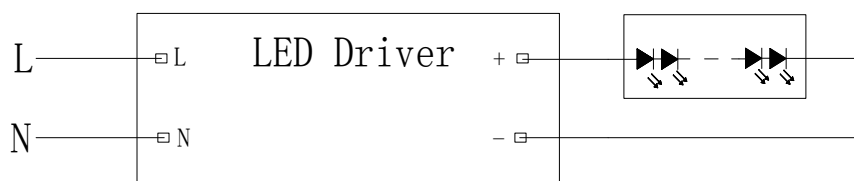
测试数据/Test data

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
90	173.70	14.60	0.991	40.00	306	12.24	83.8%	
	260.00	21.86	0.995	60.00	304	18.24	83.4%	
	356.00	29.76	0.996	80.00	300	24.00	80.6%	
110	129.80	14.18	0.985	40.00	306	12.24	86.3%	
	193.00	21.00	0.992	60.00	303	18.18	86.6%	
	255.50	27.96	0.994	80.00	300	24.00	85.8%	
240	67.90	14.07	0.860	40.00	297	11.88	84.4%	
	93.40	20.66	0.918	60.00	296	17.76	86.0%	
	119.40	27.00	0.942	80.00	294	23.52	87.1%	
264	65.60	14.12	0.816	40.00	295	11.80	83.6%	
	88.70	20.70	0.886	60.00	295	17.70	85.5%	
	111.60	27.12	0.924	80.00	293	23.44	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

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