

—产品特性/Feature—



- 90-277VAC(50/60Hz)输入/ 90-277VAC(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SAA、CCC认证/SAA、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.



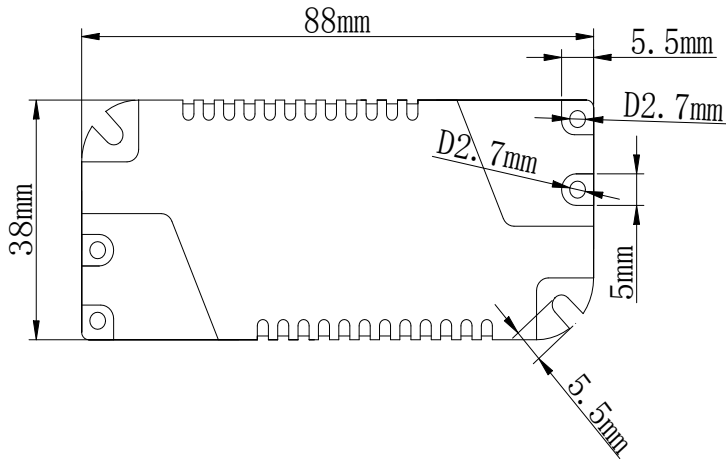
产品参数/Specification

Model		LKAD014F	
输入 Input	AC电压范围/AC Voltage range	90-277V	
	频率/Frequency	50/60hz	
	谐波/THD		
	功率因数/Power factor	0.92/230VAC	
输出 Output	额定电压/Rated voltage	40V	
	空载电压/No-load Voltage	42V	
	DC电压范围/DC voltage range	28-42V	
	DC电流范围/DC current range	265-290mA	
	电流精度/Current precision	(+/-) 5%	
	额定功率/Rated power	11W	
	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	CCC:2016011002838545	
		TUV:085-130324901-000	
其他	尺寸/Size	L88*W38*H23mm	
	重量/Net weight	52g	

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	100.00	8.95	0.992	28.00	268	7.50	83.8%	
	127.20	11.38	0.994	36.00	265	9.54	83.8%	
	149.10	13.31	0.995	42.00	265	11.13	83.6%	
120	75.60	8.84	0.983	28.00	269	7.53	85.2%	
	95.40	11.20	0.998	36.00	265	9.54	85.2%	
	110.00	13.00	0.990	42.00	265	11.13	85.6%	
230	45.80	9.50	0.899	28.00	282	7.90	83.1%	
	56.30	11.93	0.916	36.00	280	10.08	84.5%	
	64.70	13.88	0.928	42.00	280	11.76	84.7%	
277	44.90	9.91	0.794	28.00	288	8.06	81.4%	
	54.00	12.46	0.829	36.00	288	10.37	83.2%	
	61.20	14.48	0.851	42.00	289	12.14	83.8%	

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

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—产品特性/Feature—



- 90-277VAC(50/60Hz)输入/ 90-277VAC(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;
- 3年质保期/ 3 years warranty.



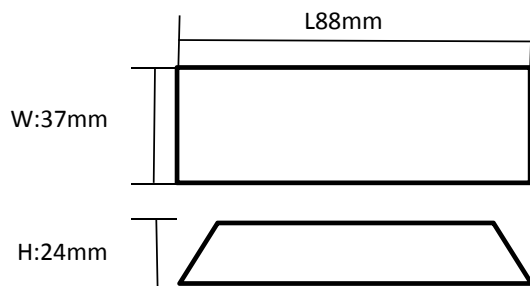
产品参数/Specification

Model	LKAD019F	
输入 Input	AC电压范围/AC Voltage range	90-277V
	频率/Frequency	50/60hz
	谐波/THD	
	功率因数/Power factor	0.92/230VAC
输出 Output	额定电压/Rated voltage	42V
	空载电压/No-load Voltage	43V
	DC电压范围/DC voltage range	18-42V
	DC电流范围/DC current range	280-300mA
	电流精度/Current precision	(+/-) 5%
	额定功率/Rated power	12W
	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:WTD14S1019301E
其他	尺寸/Size	L88*W37*H24mm

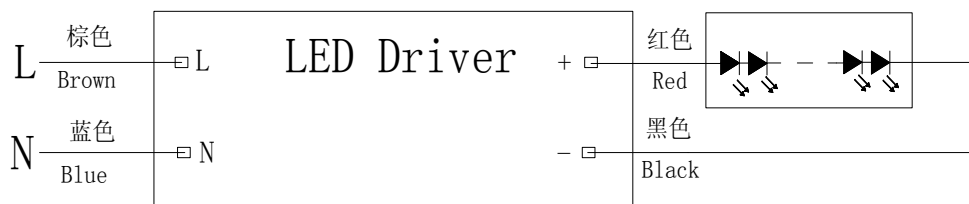
测试数据/Test data

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	61.40	5.47	0.986	18.00	256	4.61	84.2%	
	117.20	10.45	0.990	36.00	250	9.00	86.1%	
	134.80	12.00	0.988	42.00	247	10.37	86.5%	
120	48.80	5.67	0.966	18.00	263	4.73	83.5%	
	91.20	10.73	0.980	36.00	258	9.29	86.6%	
	104.80	12.30	0.982	42.00	254	10.67	86.7%	
230	34.60	6.66	0.814	18.00	284	5.11	76.8%	
	58.10	12.45	0.906	36.00	286	10.30	82.7%	
	65.00	14.17	0.924	42.00	282	11.84	83.6%	
277	32.50	7.00	0.780	18.00	288	5.18	74.1%	
	55.30	13.18	0.859	36.00	297	10.69	81.1%	
	61.40	14.94	0.877	42.00	296	12.43	83.2%	

产品尺寸图/ Product Size Diagram



产品接线示意图/ Product Connection Diagram



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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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