

## —产品特性/Feature—



- 100-264VAC (50/60Hz) 宽电压输入, 符合国际通用交流输入范围/ 100-264VAC (50/60Hz) Input, comply with alternating current input range all over the world;
- 隔离方案, 不调光/ Isolated, non-dimmable driver;
- 高效率、高功率因素, 无频闪, 稳定性好/ High efficiency, high PF, no-flicker, good steady;
- 短路保护, 过流保护, 过压保护, 过温保护/ short circuit/over load/over current/ 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;
- 认证
- 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;



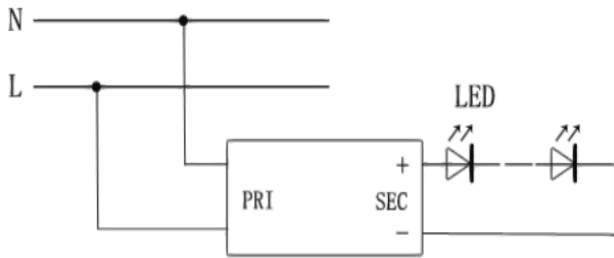
## 产品参数/Specification

Model	LKAD035FC070042		
输出 Output	电压/Rated voltage	42V	
	空载电压/No-load Voltage	48V	
	DC电压范围/DC voltage range	30V-42V	
	DC电流范围/DC current range	700mA	
	电流精度/Current precision	(±)5%	
	额定功率/Rated power	32W	
	开机延时/Setup Time	≤0.5s/230VAC	
输入 Input	AC电压范围/AC Voltage range	100-264VAC	
	频率/Frequency	50/60hz	
	谐波/THD	≤30%	
	功率因数/Power factor	0.948/220VAC	
使用环境 Environment Requirements	工作温度/湿度要求 Operating Temp./RH	-30~+50°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		
其他	尺寸/Size	L165mm * W52mm * H15mm	
	重量/Net weight		

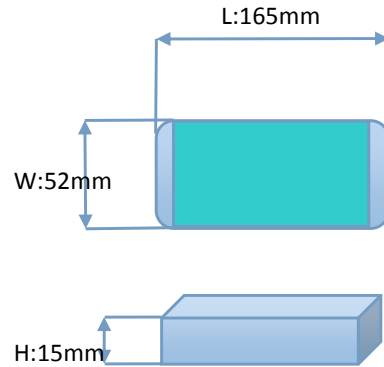
测试数据/Test data

输入电压 Input voltage ( Vac)	输入功率 Input power ( W)	输入电流 Input current ( mA)	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 (%)
100	21.68	218.99	0.990	30.00	646	19.38	89%
	26.77	269.59	0.993	36.00	640	23.04	86%
	30.69	308.44	0.995	42.00	640	26.88	88%
120	22.39	189.62	0.984	30.00	645	19.35	86%
	26.60	224.36	0.988	36.00	640	23.04	87%
	30.63	257.31	0.992	42.00	638	26.80	87%
220	21.75	106.42	0.929	30.00	627	18.81	86%
	26.00	124.66	0.948	36.00	630	22.68	87%
	30.07	142.08	0.962	42.00	630	26.46	88%
264	21.62	93.49	0.876	30.00	617	18.51	86%
	25.94	107.86	0.911	36.00	624	22.46	87%
	29.91	121.56	0.932	42.00	620	26.04	87%

产品接线示意图/ Product Connection Diagram



安装尺寸图/Install Size Diagram



备注/Note:

- 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℃的情况下测试的；  
All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25 of ambient temperature;
- 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.
- 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.
- 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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