

—产品特性/Feature—

- 200-240VAC(50/60Hz)输入/ 200-240VAC(50/60Hz) Input
- 隔离方案,调光/ Isolated 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 load/over current/ over temperature protection;
- 调光流畅,兼容性好/smooth dimming,good compatibility
- 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;
- 通过SAA认证/SAA approved; 0/ degree of protectIP20;
- 适用于面板灯/天花板灯/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.



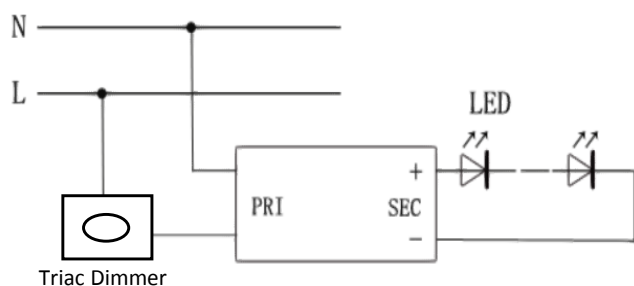
产品参数/Specification

Model		LKAD042DC700	LKAD042DC950	LKAD042DC1400A	LKAD042DC1400B
输出 Input	电压/Rated voltage	55V	42V	30V	40V
	空载电压/No-load Voltage	73V	48V	43V	49V
	DC电压范围/DC voltage range	45-55V	30-42V	25-35V	30-40V
	DC电流范围/DC current range	680-700mA	940-960mA	1380-1400mA	1380-1400mA
	电流精度/Current precision	(±)5%			
	额定功率/Rated power	39W	40W	42W	56W
	开机延时/Setup Time	≤0.5s/230VAC			
输入 Output	AC电压范围/AC Voltage range	200-240V			
	频率/Frequency	50/60hz			
	谐波/THD	≤38.1%/220VAC	≤13.4%/220VAC	≤13.1%/220VAC	≤30.2%/220VAC
	功率因数/Power factor	0.92/220VAC	0.98/220VAC	0.98/220VAC	0.96/230VAC
使用环境 Environment Requirements	工作温度/湿度要求 Operating Temp./RH	-30~+50℃/20~95%			
	储存温度,湿度要求 Storage Temp./RH	-40~+80℃/10~95%			
安全和电磁兼容	认证标识/Certificate	SAA, C-tick			
	安全规范/Safety standard	IEC 61347-2-13 Ed. 1.0			
	电磁兼容/EMC compliance	AS/NZS 61347.1:2002			
其他	尺寸/Size	163x45x31mm			

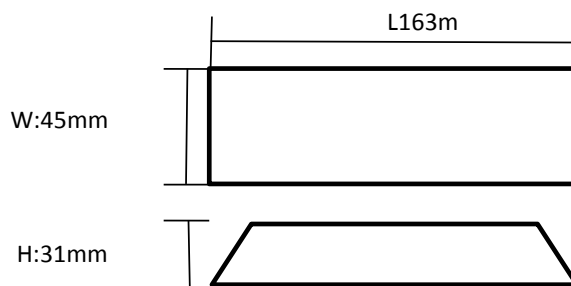
测试数据/Test data

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 (%)
200	44.20	245.56	0.900	55.00	681	37.46	85%
	34.50	176.02	0.980	30.00	988	29.64	86%
	41.10	209.69	0.980	25.00	1394	34.85	85%
	63.40	337.23	0.940	40.00	1381	55.24	87%
220	44.20	218.38	0.920	55.00	683	37.57	85%
	46.80	217.07	0.980	42.00	952	39.98	85%
	40.80	189.24	0.980	25.00	1397	34.93	86%
	49.60	230.06	0.980	30.00	1425	42.75	86%
240	45.20	204.71	0.920	55.00	697	38.34	85%
	42.80	181.97	0.980	36.00	992	35.71	83%
	41.30	175.60	0.980	25.00	1401	35.03	85%
	56.80	243.99	0.970	35.00	1408	49.28	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

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