




产品参数/Specification

—产品特性/Feature—

- 200-240VAC (50/60Hz)输入 / 200-240VAC (50/60Hz) Input
- 隔离方案,前切(或后切)可控硅调光,调光非常流畅/Isolated, leading (or trailing) triac dimming, dimming much smoothly;
- 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;
- 谐波/THD:<38%,电流精度/Current accuracy:+/-3%;
- 100%满载老化测试/ 100% full load burn-in test;
- 通过SAA认证/SAA 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

Model	AD040D	
输入 Input	AC电压范围/AC Voltage range	220-240V
	频率/Frequency	50/60hz
	谐波/THD	≤15%/230VAC
	功率因数/Power factor	0.94/220VAC
输出 Output	额定电压/Rated voltage	40V
	空载电压/No-load Voltage	45V
	DC电压范围/DC voltage range	24-42V
	DC电流范围/DC current range	960-1020mA
	电流精度/Current precision	(+/-)3%
	额定功率/Rated power	40W
	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	IEC61347-2-13 EN6147-2-13
		EN55015
其他	尺寸/Size	Dia75*H26MM
	重量/Net weight	110g

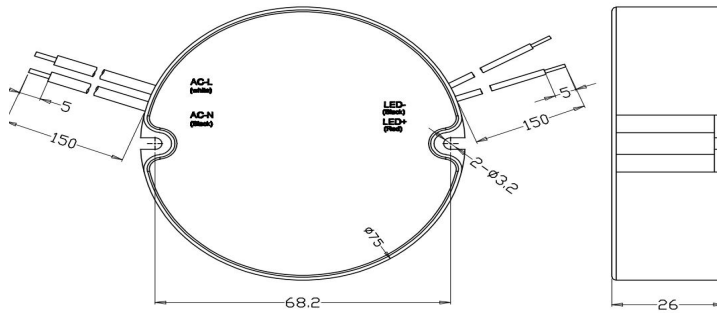
测试数据/Test data

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 (%)
220	137.3	29.10	0.967	24	1024	24.58	84.44%
	138.3	35.36	0.915	30	1025	30.75	86.97%
	139.3	45.34	0.984	40	1026	41.04	90.52%
240	140.3	29.32	0.961	24	1027	24.65	84.07%
	141.3	35.43	0.970	30	1028	30.84	87.05%
	142.3	45.32	0.980	40	1029	41.16	90.83%

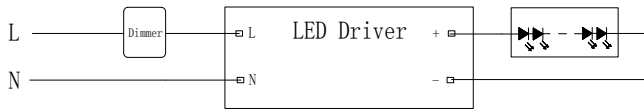
调光测试效果Dimming effect

编号 NO	调光器型号 Dimmer NO	输入功率(W)	输出电压 (V)	最小电流 Min current(mA)	最大电流 Max current(mA)	调光比 Dimming ratio	噪音大小
1	SHYUSC150W	0.9713	40.52	31	988	3%	微小
2	T&J25-1000W	0.9762	39.5	46	983	5%	中
3	T&J25-630W	0.96	39.5	54	980	6%	中
4	LE1MOVE LMG-630V	0.9762	39.49	35	981	4%	微小
5	KEEY 220V	0.9753	39.48	68	979	7%	中
6	TCL国际电工220V/630	0.9607	39.5	0	981	0%	中
7	LE1MOVE 630W/220V	0.975	39.48	39	977	4%	小
8	5UH-40-500W	0.9693	39.49	22	983	2%	小
9	C12PSAL 500VA	0.9495	39.48	0	980	0%	中
10	海索 250V/300W	0.9765	39.47	125	978	13%	小
11	威斯堡电气230V~	0.9604	39.44	48	980	5%	中
12	罗科200W 220V~	0.9735	39.49	115	979	12%	中

产品尺寸图/ Product Size Diagram



产品接线示意图/ Product Connection 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°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;
- 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。

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