

## —产品特性/Feature—

- 90-132VAC (50/60Hz) 输入 / 90-132VAC (50/60Hz) Input
- 隔离方案, 可控硅调光, 调光非常流畅 / Isolated, 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;
- 100%满载老化测试 / 100% full load burn-in test;
- 防护等级 IP67 / Degree of protection IP67;
- 通过UL, FCC认证 / UL, FCC certification passed;
- 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		LKAD035D	
输入 Input	AC电压范围/AC Voltage range	90-132V	
	频率/Frequency	50/60hz	
	谐波/THD		
	功率因数/Power factor	0.98/110VAC	
输出 Output	额定电压/Rated voltage	40V	
	空载电压/No-load Voltage	43V	
	DC电压范围/DC voltage range	24-40V	
	DC电流范围/DC current range	955-1050mA	
	电流精度/Current precision	(+/-) 5%	
	额定功率/Rated power	40W	
	开机延时/Setup Time	≤0.5s/110VAC	
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:WTD14S1019754E	
其他	尺寸/Size	L155*W43*H25.5mm	
	重量/Net weight	---	

测试数据/Test data

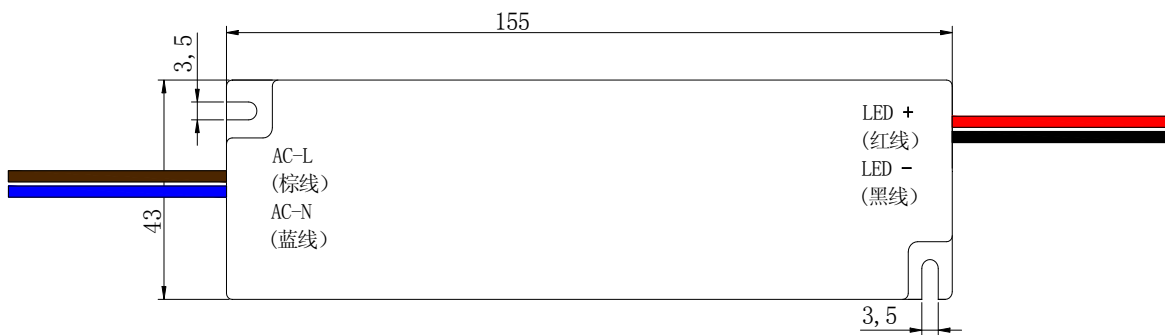
输入电压 Input voltage (Vac)	输入电流 Input current (mA)	输入功率 Input power (W)	功率因数 PF	输出电压 Output voltage (Vdc)	输出电流 Output current (mA)	输出功率 Output Power (W)	转换效率 Efficiency (%)	谐波系数 THD
90	377.10	30.50	0.898	24.00	1020	24.48	80.3%	
	538.00	43.00	0.890	35.00	980	34.30	79.8%	
	604.00	48.44	0.890	40.00	958	38.32	79.1%	
110	273.00	30.10	0.997	24.00	1024	24.58	81.6%	
	393.70	41.60	0.953	35.00	968	33.88	81.4%	
	426.20	46.61	0.984	40.00	954	38.16	81.9%	
132	230.00	30.25	0.995	24.00	1037	24.89	82.3%	
	316.80	41.60	0.997	35.00	986	34.51	83.0%	
	354.00	46.31	0.997	40.00	962	38.48	83.1%	

调光测试效果Dimming effect

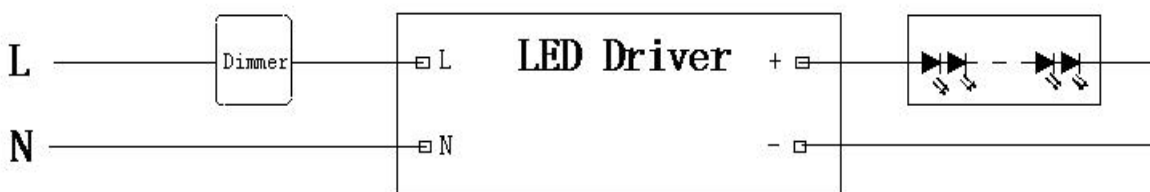
(负载12串39.1V测试/Test load 12S-voltage 39.1V)

编号 NO	调光器型号 Dimmer type	最小电流 Min current (mA)	最大电流 Max current (mA)	调光比 Dimming ratio	调光效果 Dimming effect
1	SIEMENS (220V~) (40-500W)	0.00	966	0-100	OK
2	MANK 曼科	0.00	965	0-100	OK
3	T & J(200-240V) (25-630W)	0.00	965	0-100	OK
4	科本电工	0.00	964	0-100	OK
5	K-TG600	0.00	965	0-100	OK
6	TCL国际电工 (K4.0)	0.00	963	0-100	OK
7	曼盈电工	0.00	963	0-100	OK

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 120V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 120VAC 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

Dongguan Linkuan Semiconductor Lighting Co.,Ltd

地 址：广东省东莞市万江区大莲塘工业区 3号  
Address: NO.3 Building, Daliantang Industrial Park,  
Wanjiang District,Dongguan,Guangdong,China  
Tel:+86-769-23129651 Fax:+86-23129652