



—产品特性/Feature—

- 100-240VAC (50/60Hz) 输入/100-240VAC (50/60Hz) Input
- 隔离高PF无频闪方案, 0-10V调光, 2.4G射频频遥控控制。
Isolated high PF no stroboscopic scheme, 0-10Vdimming, 2.4G RF remote control
- 高效率、高功率因素, 高稳定性, 高调光比
High efficiency, high power factor, high stability, high light ratio
- 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;
- 遥控控制性能稳定, 任何角度方向都可以控制。控制距离在空旷场地可以达35米, 在有障碍物的地方可以达到15-20米。
Remote control performance is stable, any angle direction can be controlled. The control distance can be up to 35 meters in open field and 15-20 meters in places with obstacles.
- 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;
- 采用自主知识产权单片机控制方案, 可以做到0.1%调光解晰度/
By adopting the control scheme of single chip microcomputer with independent intellectual property rights, 0.1% dimming resolution can be achieved

产品参数/Specification

Model		LKAD033D-L	备注
输入 Input	输入电压范围/Input Voltage	100-240V	
	频率/Frequency	50/60hz	
	谐波/THD	≤15%	
	功率因数/Power factor	0.95/240VAC	
	输入电流 Input current (mA)	96MA	
	待机功耗 stand_by power	≤0.8W	
	浪涌电流 Inrush Current (Ma)	≤30A@230VAC	
	漏电流 Leakage Current	<1MA/240V	
输出 Output	额定电压/Rated voltage	40V	
	空载电压/No-load Voltage	≅46V	
	工作电压范围/working volta	30-42V	
	可选择电流规格/selectable	600MA	
	电流精度/Current precision	(+/-) 3%	
	额定功率/Rated power	24W	
	开机延时/Setup Time	≤0.5s/240VAC	
	输出线性调整率Output Line	±5%	
	温度漂移temperature drift	±10%	
保护特性	开路保护Output open circuit	有/Enable	
	短路保护Short Circuit Prot	打嗝模式/Hiccup mode	
使用环境 Environment Requirements	工作温度/湿度要求 Operating Temp./RH	-30~+45℃/20~95%	
	储存温度, 湿度要求 Storage Temp./RH	-40~+80℃/10~95%	

安全和电磁兼容 Safety & EMC	认证编号/Certificate	符合CE/ meet CE	
	耐压 withstand voltage	3750VAC/60S	
	绝缘阻抗insulation resista	500V>100M	
	浪涌等级EMS immunity	IEC6100-4-5 (L-N:1KV)	
	安规标准Safety standard	EN61347, GB19510	
	电磁干扰electromagnetic in	EN55015, EN61000-3-2	
	电磁抗干扰Electromagnetic	EN61000-4-2. 3. 4. 5. 6. 8. 11. EN61547	
其他 Others	IP等级说明 IP level descri	IP20	
	质保说明Warranty instructi	3年/3 years	
	尺寸/Size	142*45*26	
	重量/Netweight	100g	
注意事项 matters needing attention	<p>1. 建议客户在灯具供电回路中安装过欠压保护与浪涌保护装置，以确保用电安全 1. pls suggest the client to install the unde voltage protection device and surge protection device to ensure Electricity safety</p> <p>2. 电源作为整灯灯具中的一个零部件与终端设备结合使用，因EMC性能受LED灯具及走线的影响，终端设备制造商需对整套装置重新进行EMC确认。 2. The power supply is considered a component which will be installed a final equipment. The final equipment must be re-confirmed that it still meets EMC directives.</p> <p>3. 客户在使用电源时，注意电源通风散热和环境温度，超过TA时要做降额使用 3. Becareful of ambient temperature and heat dissipation during the client use this unit, When exceeding TA, the power supply shall be derated</p>		

W-通道测试数据/Test data

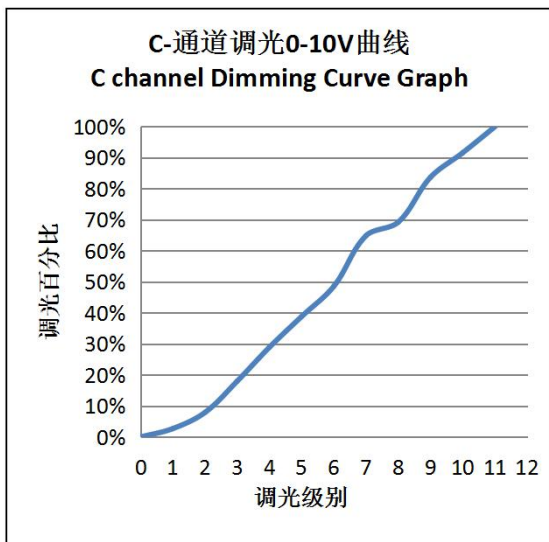
输入电压 Input voltage (Vac)	输入电流 Input current (mA)	输入功率 Input power (W)	功率因数 PF	输出电压 Output voltage (Vdc)	输出电流 Output current (mA)	输出功率 Output Power (W)	转换效率 Efficiency (%)
240V	123.10	27.48	0.967	40.00	600	24.00	87.3%
	111.50	24.73	0.960	36.00	597	21.49	86.9%
	95.70	20.97	0.949	30.00	600	18.00	85.8%
180V	155.50	27.41	0.983	40.00	598	23.92	87.3%
	140.50	24.73	0.982	36.00	596	21.46	86.8%
	119.40	20.94	0.978	30.00	600	18.00	86.0%
120V	234.60	28.25	0.990	40.00	597	23.88	84.5%
	210.90	25.33	0.990	36.00	596	21.46	84.7%
	177.50	21.38	0.990	30.00	599	17.97	84.1%

C-通道测试数据/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 (%)
240V	123.10	27.48	0.967	40.00	600	24.00	87.3%
	111.50	24.73	0.960	36.00	597	21.49	86.9%
	95.70	20.97	0.949	30.00	600	18.00	85.8%
180V	155.50	27.41	0.983	40.00	598	23.92	87.3%
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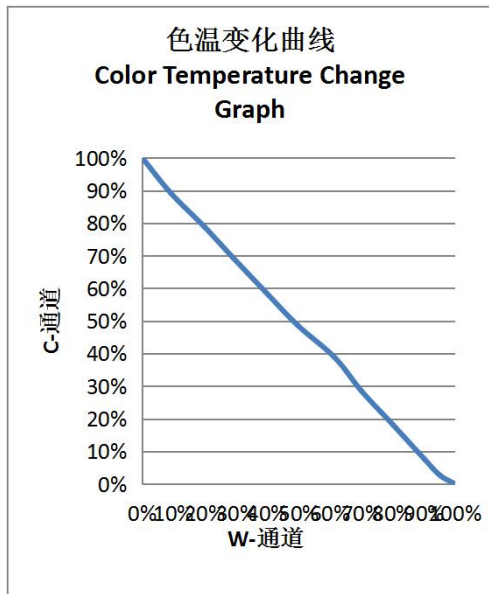
调光测试数据Dimming test data

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 (A)	输出功率 Output Power (W)	调光电压 Dimming voltage (V)	百分比	
240V	12.57	0.71	0.467	40	0.00	0.00	0V	0%	0
240V	27.32	1.44	0.435	40	16.00	0.64	0.5V	3%	1
240V	26.00	2.69	0.855	40	47.00	1.88	1V	8%	2
240V	44.60	5.06	0.942	40	107.00	4.28	2V	18%	3
240V	65.60	7.68	0.969	40	172.00	6.88	3V	29%	4
240V	84.80	10.03	0.983	40	231.00	9.24	4V	39%	5
240V	104.60	12.43	0.986	40	289.00	11.56	5V	49%	6
240V	137.10	15.20	0.989	40	386.00	15.44	6V	65%	7
240V	145.80	17.64	0.992	40	412.00	16.48	7V	69%	8
240V	176.30	20.30	0.992	40	498.00	19.92	8V	84%	9
240V	193.00	23.24	0.99	40	545.00	21.80	9V	92%	10
240V	211.00	25.40	0.99	40	595.00	23.80	10V	100%	11



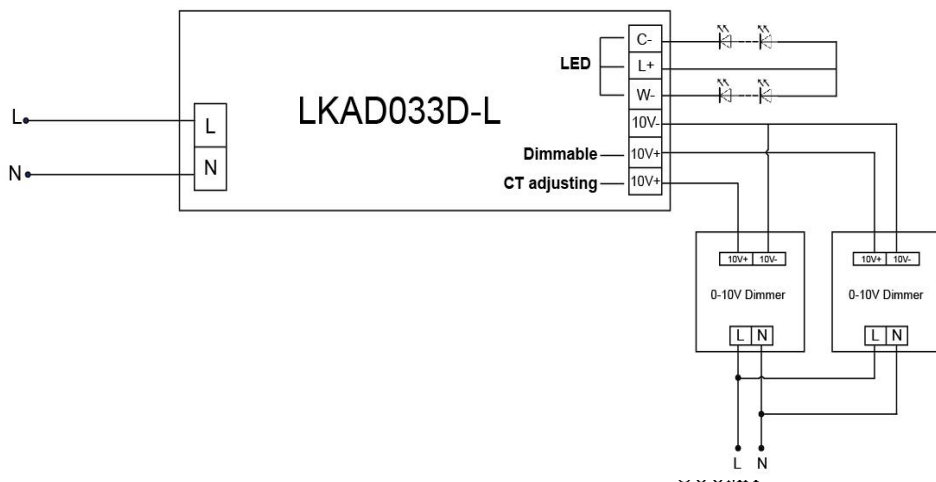
调色测试数据Dimming test data

C-通道输入电压 Input voltage (Vac)	C-通道输出电压 Output voltage	C-通道输出电流 Output current (mA)	C-通道百分比	W-通道输入电压 Input voltage	W-通道输出电压 Output voltage (Vdc)	W-通道输出电流 Output current	W-通道百分比
240V	0V	0.00	0.00%	240V	0V	574.00	100.00%
240V	0.5V	15.00	2.52%	240V	0.5V	547.00	95.30%
240V	1V	45.00	7.55%	240V	1V	518.00	90.24%
240V	2V	108.00	18.12%	240V	2V	460.00	80.14%
240V	3V	170.00	28.52%	240V	3V	402.00	70.03%
240V	4V	230.00	38.59%	240V	4V	354.00	61.67%
240V	5V	290.00	48.66%	240V	5V	285.00	49.65%
240V	6V	351.00	58.89%	240V	6V	226.00	39.37%
240V	7V	413.00	69.30%	240V	7V	167.00	29.09%
240V	8V	470.00	78.86%	240V	8V	114.00	19.86%
240V	9V	531.00	89.09%	240V	9V	53.00	9.23%
240V	10V	596.00	100.00%	240V	10V	0.00	0.00%



产品尺寸图/ Product Size 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.注意接线的方向，不要搞反输入和输出端，以及拔码开关的位置。
Pay attention to the direction of wiring, do not reverse the input and output terminals, and the position of the dip switch."

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