



—产品特性/Feature—

- 200-240VAC (50/60Hz) 输入 / 200-240VAC (50/60Hz) Input
- 隔离高PF无频闪方案, 2.4G射频频遥控控制。
Isolated high PF no stroboscopic scheme, 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
lighting, ceiling light, down light and panel light;
- 3年质保期/ 3 years warranty.



产品参数/Specification

Model		LKAD033D-A	备注
输入 Input	输入电压范围/Input Voltage range	200-240V	
	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)	200MA/200VAC	
	待机功耗 stand_by power	≤0.8W	
	浪涌电流 Inrush Current (Max.)	≤30A@240VAC	
	漏电流 Leakage Current	<1MA/240VAC	
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 voltage range	10-42V	
	额定电流规格/Rated current specification	700MA	
	电流精度/Current precision	(+/-) 3%	
	额定功率/Rated power	28W	
	开机延时/Setup Time	≤0.5s/230VAC	
	输出线性调整率Output Line Regulation	±5%	
	温度漂移temperature drift	±10%	

保护特性	开路保护Output open circuit protection	有/Enable	
	短路保护Short Circuit Protection	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 resistance	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 interference	EN55015, EN61000-3-2	
	电磁抗干扰Electromagnetic Susceptibility	EN61000-4-2. 3. 4. 5. 6. 8. 11. EN61547	
其他 Others	IP等级说明 IP level description	IP20	
	质保说明Warranty instructions	3年/3 years	
	尺寸/Size	142*45*26	
	重量/Netweight		
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 instal the unde voltage protection device and surge protection device to ensure Electricity safety</p> <p>2. 电源作为整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	135.00	31.33	0.964	40.00	693	27.72	88.5%
	102.70	23.49	0.950	30.00	685	20.55	87.5%
	73.32	16.20	0.917	20.00	687	13.74	84.8%
	45.51	8.94	0.815	10.00	698	6.98	78.1%
200V	157.80	31.22	0.966	40.00	693	27.72	88.8%
	119.20	23.43	0.972	30.00	684	20.52	87.6%
	83.40	16.10	0.952	20.00	686	13.72	85.2%
	49.34	8.85	0.884	10.00	697	6.97	78.8%

C-通道测试数据/Test data

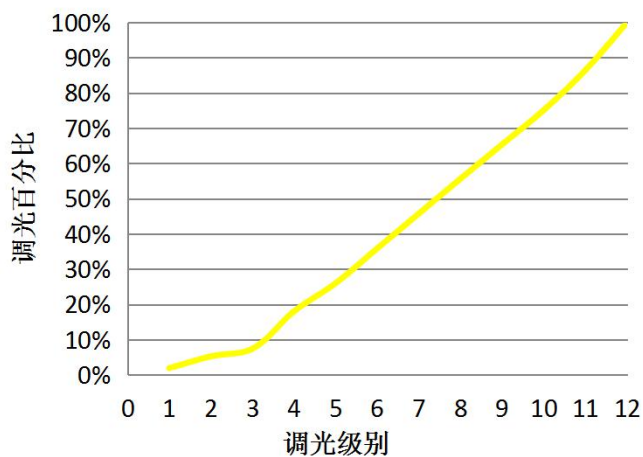
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调光测试数据Dimming test data

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	W-通道输出电压 Output voltage	W-通道输出电流 Output	W-通道百分比	调光级别 Level
240V	40.00	13.00	1.89%	240V	40.00	13.00	1.89%	1
240V	40.00	36.00	5.23%	240V	40.00	36.00	5.23%	2
240V	40.00	51.00	7.41%	240V	40.00	51.00	7.41%	3
240V	40.00	124.00	18.02%	240V	40.00	124.00	18.02%	4
240V	40.00	179.00	26.02%	240V	40.00	179.00	26.02%	5
240V	40.00	247.00	35.90%	240V	40.00	247.00	35.90%	6
240V	40.00	315.00	45.78%	240V	40.00	315.00	45.78%	7
240V	40.00	383.00	55.67%	240V	40.00	383.00	55.67%	8
240V	40.00	450.00	65.41%	240V	40.00	450.00	65.41%	9
240V	40.00	517.00	75.15%	240V	40.00	517.00	75.15%	10
240V	40.00	595.00	86.48%	240V	40.00	595.00	86.48%	11
240V	40.00	688.00	100.00%	240V	40.00	688.00	100.00%	12

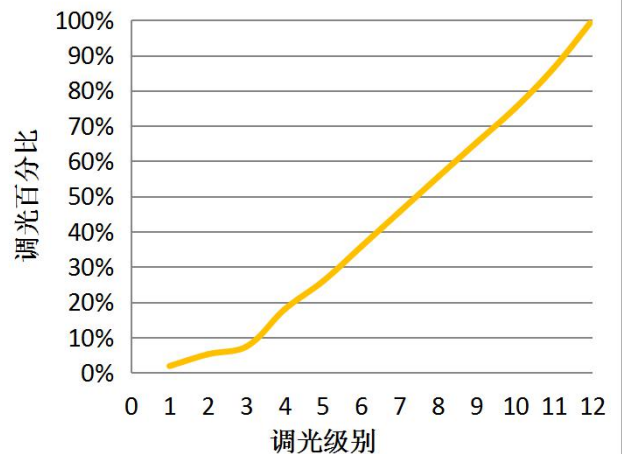
C-通道调光曲线

C channel Dimming Curve Graph



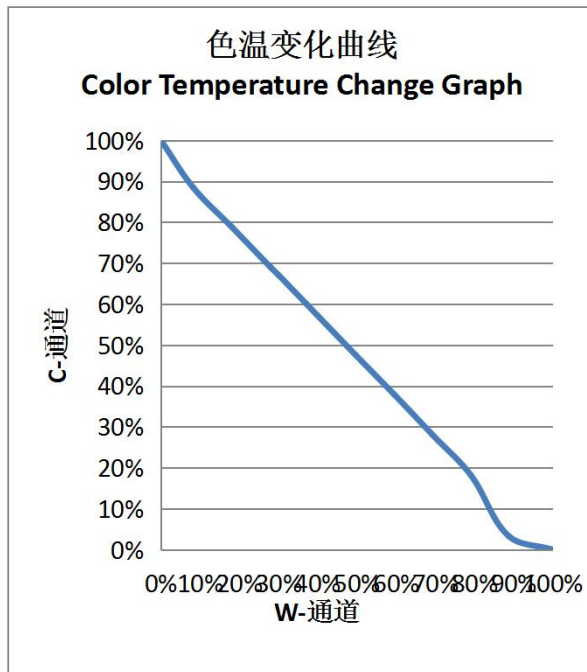
W-通道调光曲线

W channel Dimming Curve Graph

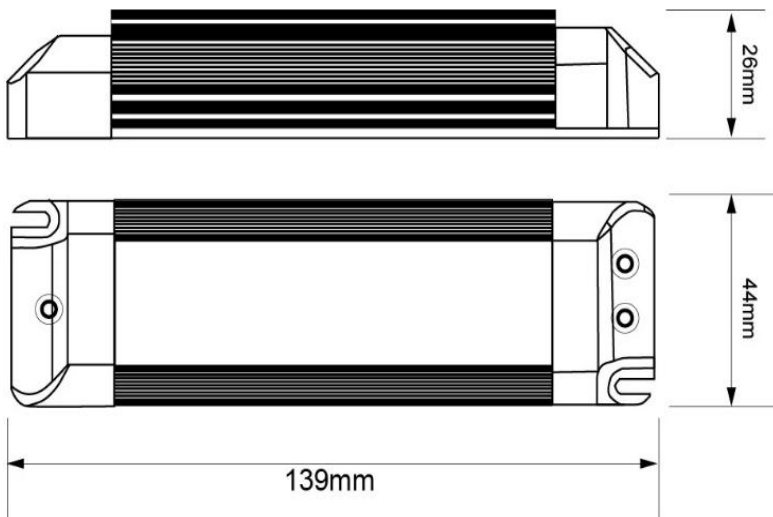


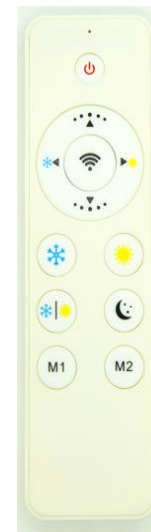
调色测试数据Dimming test data

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	W-通道输出电压 Output voltage	W-通道输出电流 Output	W-通道百分比
240V	40.00	0.00	0.00%	240V	40.00	687.00	100.00%
240V	40.00	23.00	3.38%	240V	40.00	609.00	88.65%
240V	40.00	124.00	18.21%	240V	40.00	543.00	79.04%
240V	40.00	191.00	28.05%	240V	40.00	476.00	69.29%
240V	40.00	258.00	37.89%	240V	40.00	409.00	59.53%
240V	40.00	324.00	47.58%	240V	40.00	341.00	49.64%
240V	40.00	391.00	57.42%	240V	40.00	273.00	39.74%
240V	40.00	457.00	67.11%	240V	40.00	206.00	29.99%
240V	40.00	470.00	69.02%	240V	40.00	192.00	27.95%
240V	40.00	536.00	78.71%	240V	40.00	125.00	18.20%
240V	40.00	602.00	88.40%	240V	40.00	57.00	8.30%
240V	40.00	681.00	100.00%	240V	40.00	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，以及拨码开关的位置。
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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