

—产品特性/Feature—

- 120-240VAC (50/60Hz) 输入 / 120-240VAC (50/60Hz) Input
- 隔离高PF无频闪方案, 2.4G射频遥控控制。
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。控制距离在空旷地可以达到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		LKAD069D-A	备注
输入 Input	输入电压范围/Input Voltage range	120-240V	
	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)	650MA/120VAC	
	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	15-42V	
	额定电流规格/Rated current specification	1700MA	
	电流精度/Current precision	(+/-) 3%	
	额定功率/Rated power	70W	
	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°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 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	175*50*30MM	
	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 install the under 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	310.70	73.45	0.977	40.00	1640	65.60	89.3%
	238.50	55.67	0.964	30.00	1634	49.02	88.1%
	133.00	29.49	0.945	15.00	1643	24.65	83.6%
200V	370.00	73.33	0.988	40.00	1637	65.48	89.3%
	282.50	55.42	0.979	30.00	1630	48.90	88.2%
	153.30	29.25	0.932	15.00	1638	24.57	84.0%
120V	615.70	74.88	0.993	40.00	1631	65.24	87.1%
	461.00	56.19	0.995	30.00	1626	48.78	86.8%
	242.00	29.19	0.990	15.00	1637	24.56	84.1%

C-通道测试数据/Test data

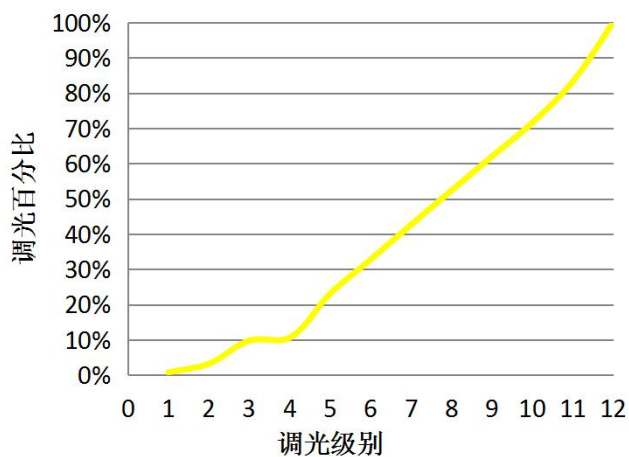
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调光测试数据Dimming test data

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 current (mA)	W-通道百分比	调光级别 Level
240V	40.00	12.00	0.73%	240V	40.00	12.00	0.73%	1
240V	40.00	52.00	3.18%	240V	40.00	52.00	3.18%	2
240V	40.00	159.00	9.72%	240V	40.00	159.00	9.72%	3
240V	40.00	173.00	10.57%	240V	40.00	173.00	10.57%	4
240V	40.00	377.00	23.04%	240V	40.00	377.00	23.04%	5
240V	40.00	536.00	32.76%	240V	40.00	536.00	32.76%	6
240V	40.00	697.00	42.60%	240V	40.00	697.00	42.60%	7
240V	40.00	856.00	52.32%	240V	40.00	856.00	52.32%	8
240V	40.00	1014.00	61.98%	240V	40.00	1014.00	61.98%	9
240V	40.00	1171.00	71.58%	240V	40.00	1171.00	71.58%	10
240V	40.00	1362.00	83.25%	240V	40.00	1362.00	83.25%	11
240V	40.00	1636.00	100.00%	240V	40.00	1636.00	100.00%	12

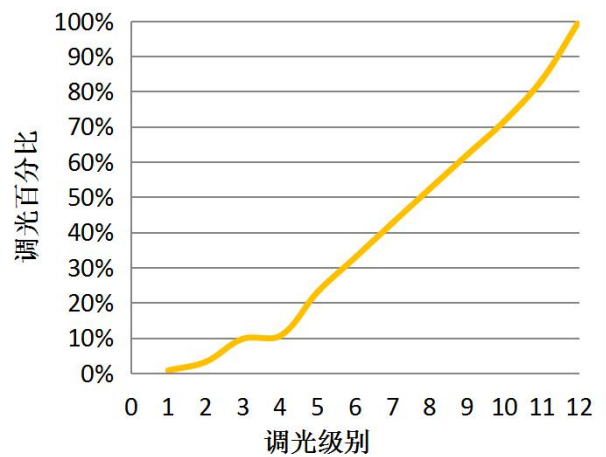
C-通道调光曲线

C channel Dimming Curve Graph



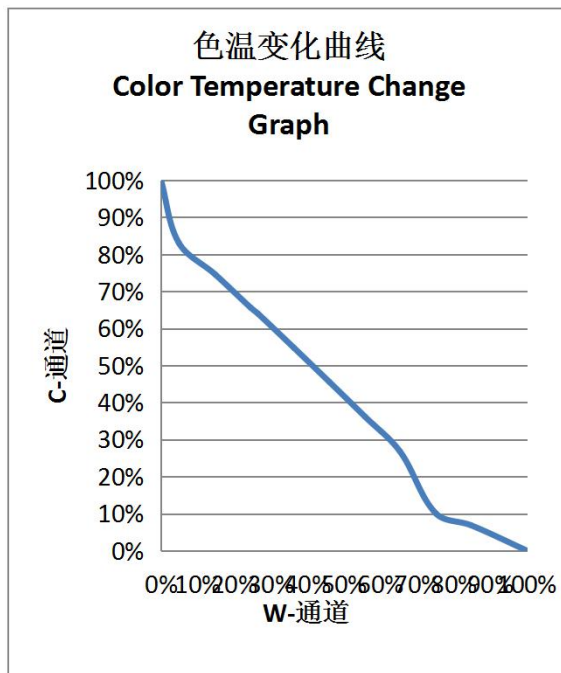
W-通道调光曲线

W channel Dimming Curve Graph

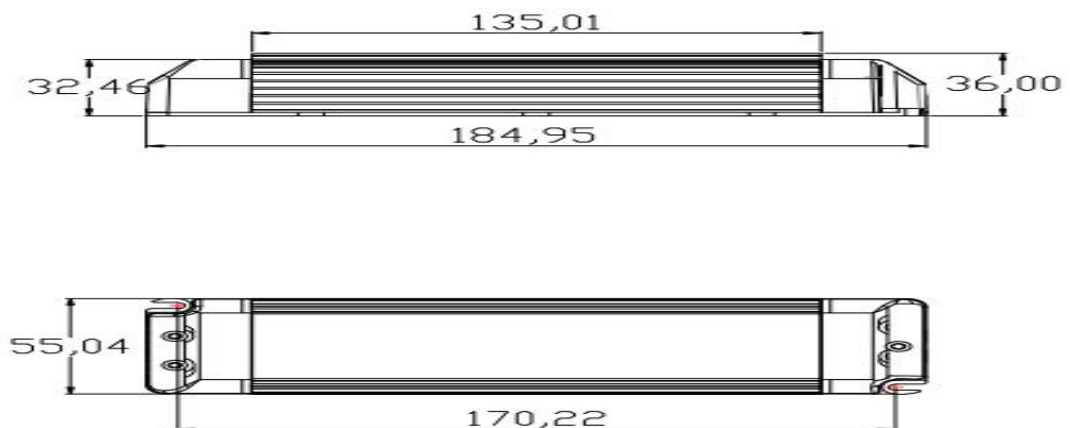


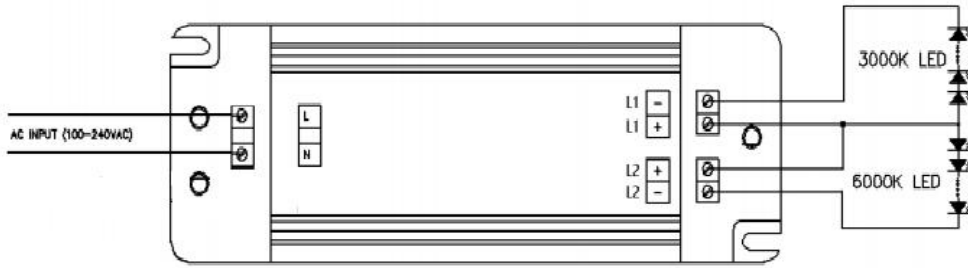
调色测试数据Dimming test data

C-通道输入电压 Input voltage (Vac)	C-通道输出电压 Output voltage (Vdc)	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 (mA)	W-通道百分比
240V	40.00	0.00	0.00%	240V	40.00	1641.00	100.00%
240V	40.00	109.00	6.83%	240V	40.00	1391.00	84.77%
240V	40.00	160.00	10.03%	240V	40.00	1233.00	75.14%
240V	40.00	428.00	26.82%	240V	40.00	1071.00	65.27%
240V	40.00	578.00	36.22%	240V	40.00	914.00	55.70%
240V	40.00	727.00	45.55%	240V	40.00	755.00	46.01%
240V	40.00	874.00	54.76%	240V	40.00	596.00	36.32%
240V	40.00	1020.00	63.91%	240V	40.00	436.00	26.57%
240V	40.00	1047.00	65.60%	240V	40.00	402.00	24.50%
240V	40.00	1190.00	74.56%	240V	40.00	243.00	14.81%
240V	40.00	1326.00	83.08%	240V	40.00	80.00	4.88%
240V	40.00	1596.00	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。

Pay attention to the direction of wiring, do not reverse the input and output terminals.

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