

—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



产品参数/Specification

Model		LKAD014D-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	0.9/240VAC	
	输入电流 Input current (mA)	90MA	
	待机功耗 stand_by power	≅0.8W	
	浪涌电流 Inrush Current (Max.)	≤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 voltage range	10-42V	
	可选择电流规格/selectable current	150-350MA	
	电流精度/Current precision	(+/-)3%	
	额定功率/Rated power	14W	
	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	3750V _{AC} /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	115*45*25MM	
	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

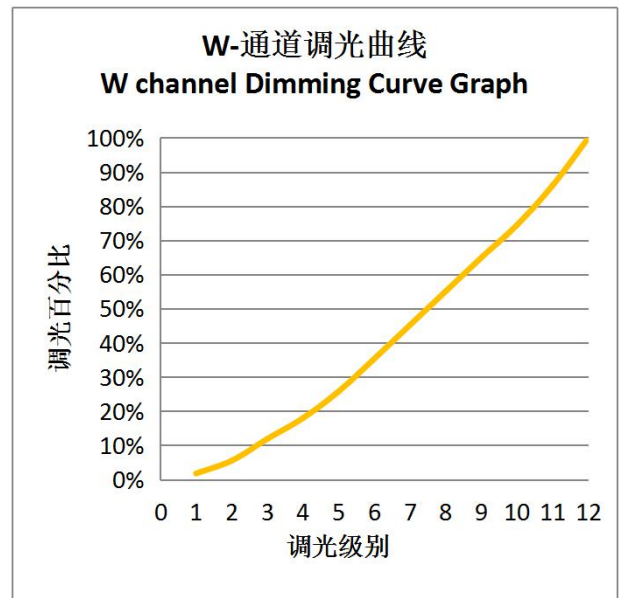
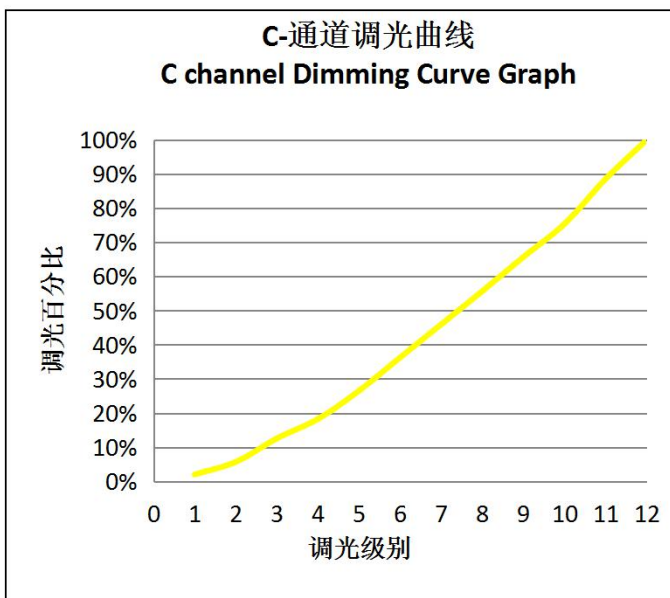
输入电压 Input voltage (Vac)	输入电流 Input current (mA)	输入功率 Input power (W)	功率因数 PF	输出电压 Output voltage (Vdc)	输出电流 Output current (mA)	输出功率 Output Power (W)	转换效率 Efficiency (%)
200V	89.41	17.22	0.964	42.00	343	14.41	83.7%
	76.92	14.61	0.951	35.00	344	12.04	82.4%
	68.06	12.74	0.936	30.00	344	10.32	81.0%
	50.32	9.02	0.896	20.00	347	6.94	76.9%
	32.94	5.23	0.794	10.00	351	3.51	67.1%
240V	77.28	17.25	0.928	42.00	342	14.36	83.3%
	67.44	14.68	0.906	35.00	343	12.01	81.8%
	60.00	12.82	0.889	30.00	344	10.32	80.5%
	45.57	9.10	0.830	20.00	347	6.94	76.3%
	31.09	5.33	0.692	10.00	350	3.50	65.7%

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 (%)
200V	91.57	17.69	0.964	42.00	352	14.78	83.6%
	78.41	14.94	0.952	35.00	352	12.32	82.5%
	69.27	13.01	0.939	30.00	352	10.56	81.2%
	51.06	9.18	0.898	20.00	354	7.08	77.1%
	33.27	5.30	0.795	10.00	358	3.58	67.5%
240V	79.27	17.72	0.930	42.00	352	14.78	83.4%
	68.60	15.01	0.909	35.00	352	12.32	82.1%
	61.01	13.10	0.892	30.00	352	10.56	80.6%
	46.29	9.27	0.833	20.00	354	7.08	76.4%
	32.44	5.41	0.694	10.00	358	3.58	66.2%

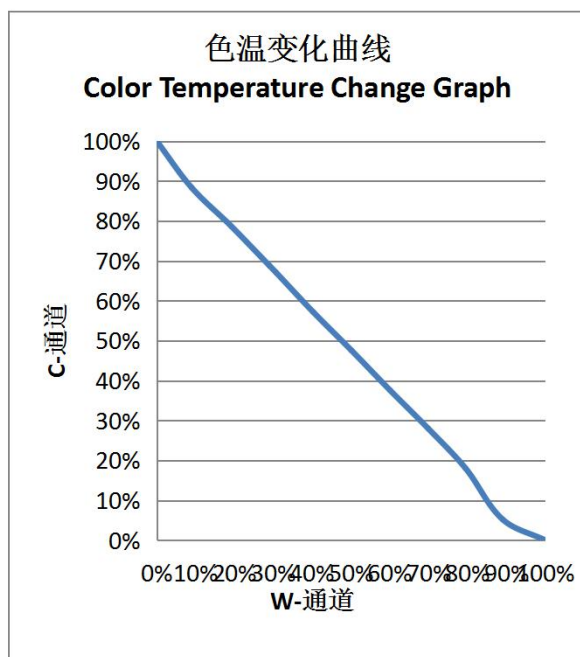
调光测试数据Dimming test data

C-通道输入电 压 Input	C-通道输出电 压 Output	C-通道输出电 流 Output current	C-通道百分 比	W-通道输入 电压	W-通道输出电 压 Output	W-通道输出电 流	W-通道百分 比	调光级别 Level
240V	37.00	7.00	2.00%	240V	37.00	6.00	1.74%	1
240V	37.00	20.00	5.71%	240V	37.00	19.00	5.51%	2
240V	37.00	44.00	12.57%	240V	37.00	41.00	11.88%	3
240V	37.00	64.00	18.29%	240V	37.00	62.00	17.97%	4
240V	37.00	93.00	26.57%	240V	37.00	89.00	25.80%	5
240V	37.00	127.00	36.29%	240V	37.00	122.00	35.36%	6
240V	37.00	161.00	46.00%	240V	37.00	156.00	45.22%	7
240V	37.00	195.00	55.71%	240V	37.00	190.00	55.07%	8
240V	37.00	230.00	65.71%	240V	37.00	224.00	64.93%	9
240V	37.00	264.00	75.43%	240V	37.00	257.00	74.49%	10
240V	37.00	310.00	88.57%	240V	37.00	297.00	86.09%	11
240V	37.00	350.00	100.00%	240V	37.00	345.00	100.00%	12

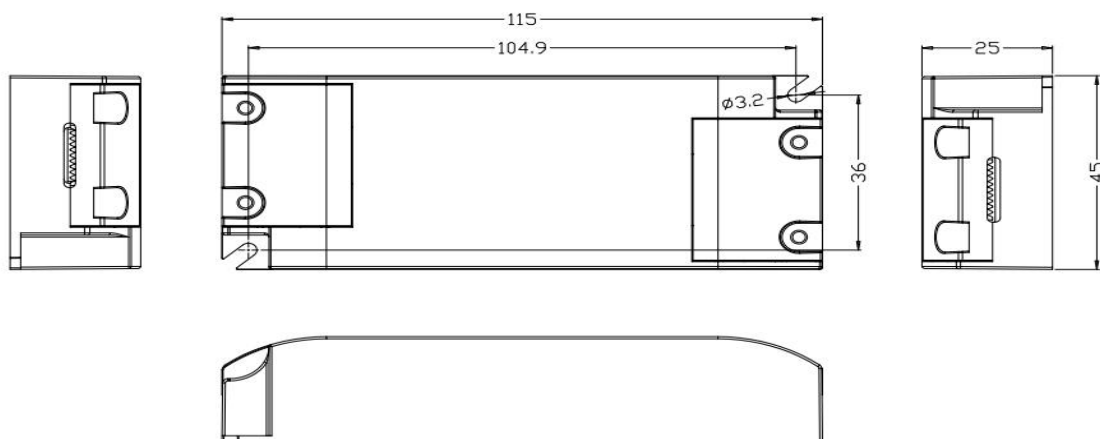


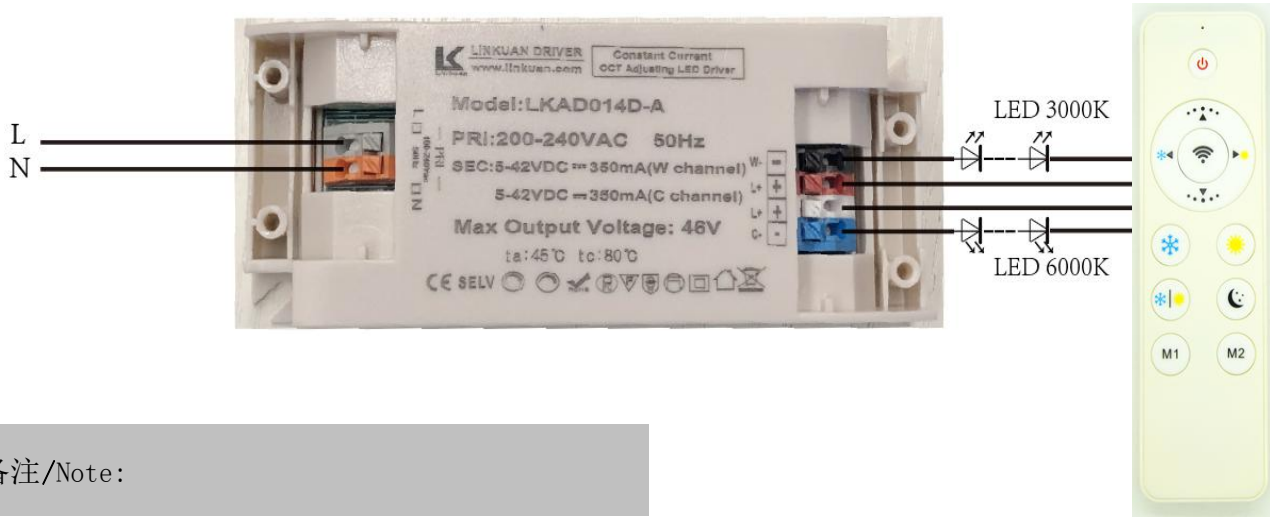
调色测试数据 Dimming test data

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 (Vac)	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	37.00	0.00	0.00%	240V	37.00	345.00	100.00%
240V	37.00	18.00	5.25%	240V	37.00	307.00	88.99%
240V	37.00	62.00	18.08%	240V	37.00	274.00	79.42%
240V	37.00	96.00	27.99%	240V	37.00	241.00	69.86%
240V	37.00	129.00	37.61%	240V	37.00	207.00	60.00%
240V	37.00	163.00	47.52%	240V	37.00	173.00	50.14%
240V	37.00	196.00	57.14%	240V	37.00	139.00	40.29%
240V	37.00	230.00	67.06%	240V	37.00	106.00	30.72%
240V	37.00	236.00	68.80%	240V	37.00	100.00	28.99%
240V	37.00	270.00	78.72%	240V	37.00	66.00	19.13%
240V	37.00	303.00	88.34%	240V	37.00	31.00	8.99%
240V	37.00	343.00	100.00%	240V	37.00	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

广东领冠智能科技有限公司

Guangdong Linkuan Smart Tech Co.,Ltd.

址：广东省东莞市万江区大莲塘工业区 3

dress: NO.3 Building, Daliantang Industrial Park,
Wanjiang

istrict,Dongguan,Guangdong,China

Tel:+86-769-23129651

Fax:+86-23129652