



Dimming Power LED—LKAD026D-C

—产品特性/Feature—



- 120-277VAC (50/60Hz) 输入 / 120-277VAC (50/60Hz) Input
- 隔离高PF无频闪方案, Isolated high PF no stroboscopic scheme,
- 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		LKAD026D-C	备注
输入 Input	输入电压范围/Input Voltage range	120-277V	
	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)	150MA/240V	
	待机功耗 stand_by power	≤0.6W	
	浪涌电流 Inrush Current (Max.)	≤68A@240VAC	
	漏电流 Leakage Current	<1MA/240V	
输出 Output	额定电压/Rated voltage	42V	
	空载电压/No-load Voltage	≤48.5V	
	工作电压范围/working voltage range	0-42V	
	可选择电流规格/selectable current	700MA ± 10MA	
	电流精度/Current precision	(+/-) 3%	
	额定功率/Rated power	35W	
	开机延时/Setup Time	≤0.3s/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	0.4*243*30*21	
	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 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. Be careful of ambient temperature and heat dissipation during the client use this unit, When exceeding TA, the power supply shall be derated</p>		

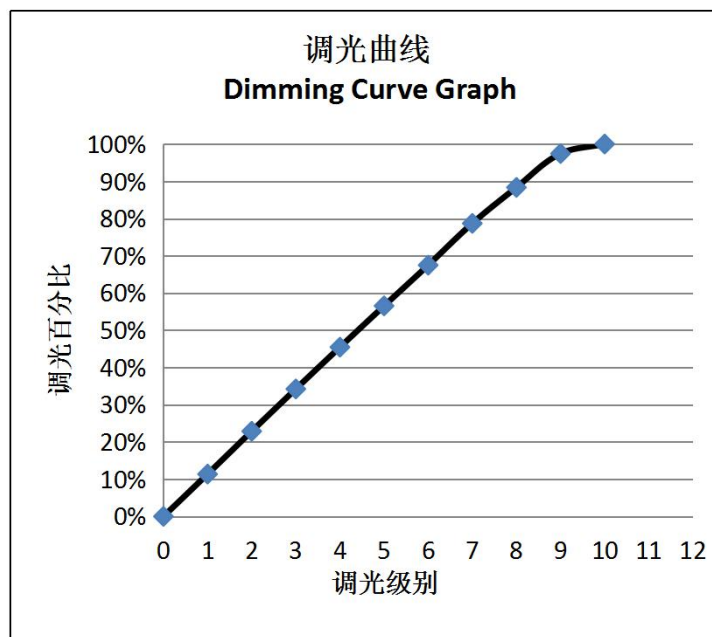
测试数据/Test data

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 (%)
120V	286.00	33.80	0.991	42.00	703	29.53	87.4%
	207.00	24.50	0.989	30.00	706	21.18	86.4%
	144.00	16.95	0.983	20.00	709	14.18	83.7%
180V	189.00	33.19	0.974	42.00	700	29.40	88.6%
	140.00	24.37	0.962	30.00	703	21.09	86.5%
	101.00	17.01	0.932	20.00	709	14.18	83.4%
240V	146.00	33.33	0.953	42.00	704	29.57	88.7%
	110.00	24.53	0.925	30.00	703	21.09	86.0%
	82.00	17.17	0.876	20.00	708	14.16	82.5%

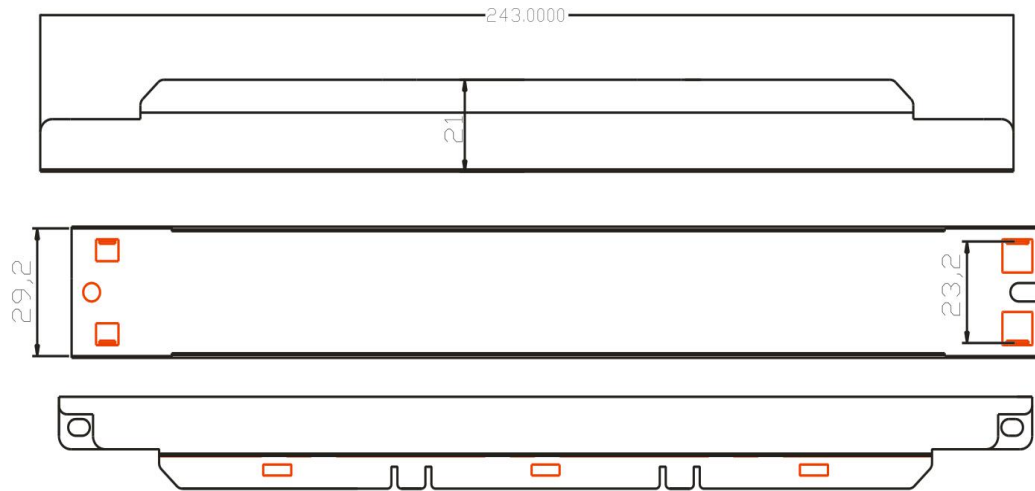
264V	135.00	33.34	0.936	42.00	700	29.40	88.2%
	103.00	24.58	0.950	30.00	702	21.06	85.7%
	78.00	17.27	0.838	20.00	707	14.14	81.9%
277V	130.00	33.35	0.925	42.00	700	29.40	88.2%
	100.00	24.64	0.884	30.00	702	21.06	85.5%
	77.00	17.32	0.820	20.00	707	14.14	81.6%

调光测试数据Dimming test data

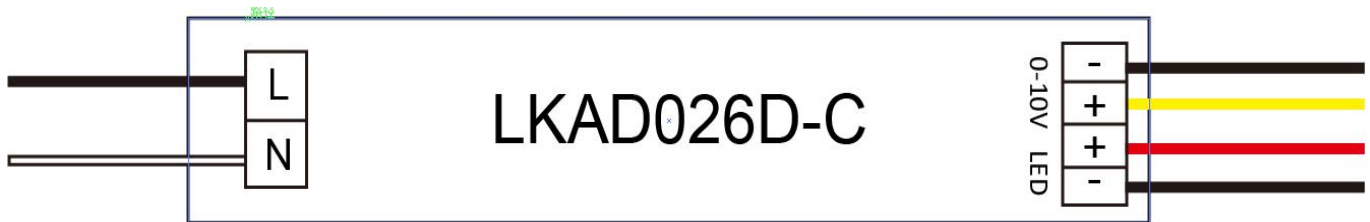
输入电压 Input voltage (Vac)	输入电流 Input current (mA)	输入功率 Input power (W)	功率因数 PF	输出电压 Output voltage (Vdc)	输出电流 Output current (MA)	输出功率 Output Power (W)	调光电压 Dimming voltage (V)	百公比	
240V	17.00	0.38	0.09	0	0.00	0.00	0.82V	0.00%	0
240V	37.00	3.80	0.42	32.3	80.00	2.58	1V	11.36%	1
240V	46.00	7.10	0.45	33.2	161.00	5.35	2V	22.87%	2
240V	57.00	10.30	0.54	33.9	241.00	8.17	3V	34.23%	3
240V	68.00	13.50	0.82	34.6	320.00	11.07	4V	45.45%	4
240V	80.00	16.70	0.87	35.2	398.00	14.01	5V	56.53%	5
240V	92.00	19.90	0.89	35.7	475.00	16.96	6V	67.47%	6
240V	105.00	23.20	0.92	36.3	554.00	20.11	7V	78.69%	7
240V	116.00	26.20	0.93	36.7	622.00	22.83	8V	88.35%	8
240V	127.00	29.10	0.94	37.1	686.00	25.45	9V	97.44%	9
240V	144.00	33.00	0.95	39.8	704.00	28.02	10V	100.00%	10



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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