



产品参数/Specification

- 120-277VAC (50/60Hz) 输入 / 120-277VAC (50/60Hz) Input
- 隔离高PF无频闪方案,。采用最新的调光信号与主输出的隔离调光认证方案 Flicker free with high PF isolation, . Using the latest dimming signal and main output isolation dimming certification 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;
- 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;

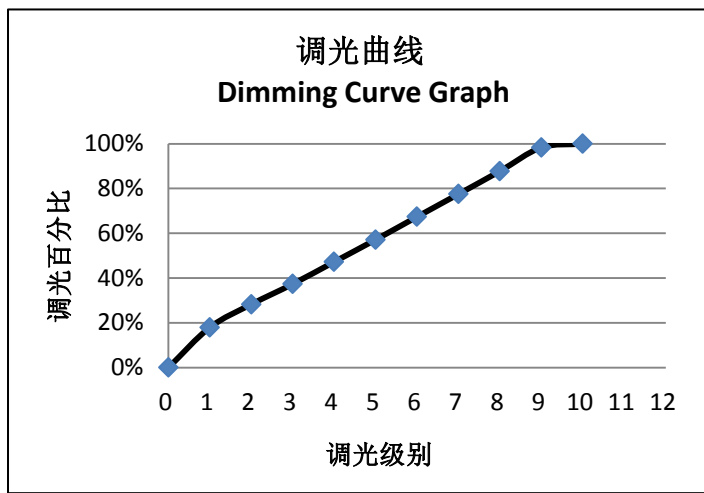
Model		LKAD026D-C	备注
输入 Input	输入电压范围/Input Voltage rang	120-277V	
	频率/Frequency	50/60hz	
	谐波/THD	≤15%	
	功率因数/Power factor	0.98/120VAC	
	输入电流 Input current (mA)	480MA/120VAC	
	待机功耗 stand_by power	≤0.6W	
	浪涌电流 Inrush Current (Max.)	≤68A@277VAC	
	漏电流 Leakage Current	<1MA/277VAC	
输出 Output	额定电压/Rated voltage	42V	
	空载电压/No-load Voltage	≤48.5V	
	工作电压范围/working voltage rang	10-42V	
	可选择电流规格/selectable current	600-1200MA	
	电流精度/Current precision	(+/-)3%	
	额定功率/Rated power	50.4W	
	开机延时/Setup Time	≤0.5s/120VAC	
	输出线性调整率Output Line Regul	±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	UL认证/ UL APPROVED	
	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	
	IP等级说明 IP level description	IP20	

其他 Others	质保说明Warranty instructions	3年/3 years	
	尺寸/Size	243*29.2*21	
	重量/Netweight	250g	
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>		

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 (%)
100V	591.00	59.00	0.996	42.00	1185	49.77	84.4%
	518.20	51.56	0.993	37.00	1186	43.88	85.1%
	419.30	41.75	0.992	30.00	1189	35.67	85.4%
	257.00	25.33	0.990	18.00	1196	21.53	85.0%
120V	477.00	57.40	0.989	42.00	1194	50.15	87.4%
	417.00	50.37	0.989	37.00	1191	44.07	87.5%
	339.00	40.89	0.989	30.00	1191	35.73	87.4%
	210.00	25.14	0.979	18.00	1197	21.55	85.7%
240V	244.70	55.75	0.944	42.00	1193	50.11	89.9%
	219.00	49.26	0.933	37.00	1191	44.07	89.5%
	184.60	40.37	0.910	30.00	1191	35.73	88.5%
	125.40	25.40	0.830	18.00	1198	21.56	84.9%
277V	219.60	55.68	0.912	42.00	1192	50.06	89.9%
	197.90	49.31	0.900	37.00	1190	44.03	89.3%
	168.30	40.50	0.866	30.00	1193	35.79	88.4%
	119.30	25.43	0.766	18.00	1200	21.60	84.9%

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)	百分比
120	426.30	50.74	0.989	37	1202.00	44.47	10	100.00%
120	419.00	50.00	0.99	37	1182.00	43.73	9	98.34%
120	372.00	44.36	0.989	37	1055.00	39.04	8	87.77%
120	327.00	39.07	0.989	37	932.00	34.48	7	77.54%
120	284.90	33.88	0.987	37	810.00	29.97	6	67.39%
120	242.10	28.69	0.983	37	687.00	25.42	5	57.15%
120	201.10	23.72	0.979	37	568.00	21.02	4	47.25%
120	161.50	18.85	0.969	37	449.00	16.61	3	37.35%
120	125.10	14.42	0.956	37	340.00	12.58	2	28.29%
120	118.10	9.44	0.659	37	216.00	7.99	1	17.97%
120	13.86	0.25	0.145	37	0.00	0.00	0	0.00%



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℃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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