



0-10V and Dali Dimming LED Drivers—LKAD026D-D



—产品特性/Feature—

- 200-240VAC (50/60Hz) 输入 / 200-240VAC (50/60Hz) Input
- 隔离方案, 0-10V调光和DALI调光, 无频闪 / Isolated, 0-10V dimming and DALI Dimming, flicker free
- 高效率、高功率因素, 稳定性好 / High efficiency, high PF, good steady;
- 短路保护, 过流保护, 过压保护 / short circuit/over load/over current/
- 调光流畅, 兼容性好 / smooth dimming, good compatibility
- 自然风冷 / cooling by free air convection;
- 100%满载老化测试 / 100% full load burn-in test;
- 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;
- 适用于LED线条灯, 三防灯等灯具 / suitable for LED linear lights and Tri-proof light
- 3年质保期 / 3 years warranty.

产品参数/Specification

Model		LKAD026D-D	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	0.96/240VAC	
	输入电流 Input current (mA)	88MA/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	60V	
	工作电压范围/working voltage range	20-40V	
	可选择电流规格/selectable current	800MA	
	电流精度/Current precision	(+/-) 3%	
	额定功率/Rated power	40W	
	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%	

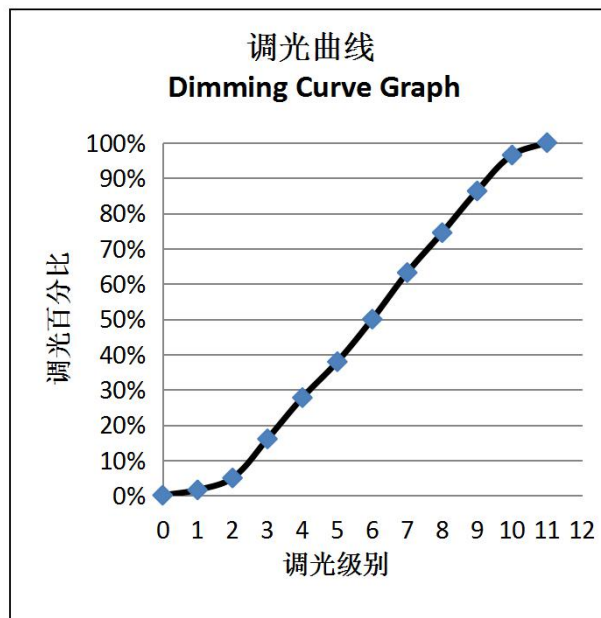
保护特性	开路保护Output open circuit p	有/Enable	
	短路保护Short Circuit Protect	打嗝模式/Hiccup mode	
使用环境 Environment Requirement	工作温度/湿度要求 Operating Temp./RH	-30~+45°C/20~95%	
	储存温度,湿度要求 Storage Temp./RH	-40~+80°C/10~95%	
安全和电磁 兼容 Safety & EMC	认证编号/Certificate		
	耐压 withstand voltage	1500VAC/60S	
	绝缘阻抗insulation resistance	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 inter	EN55015, EN61000-3-2	
	电磁抗干扰Electromagnetic Sus	EN61000-4-2. 3. 4. 5. 6. 8. 11. EN61547	
其他 Others	IP等级说明 IP level descripti	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 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

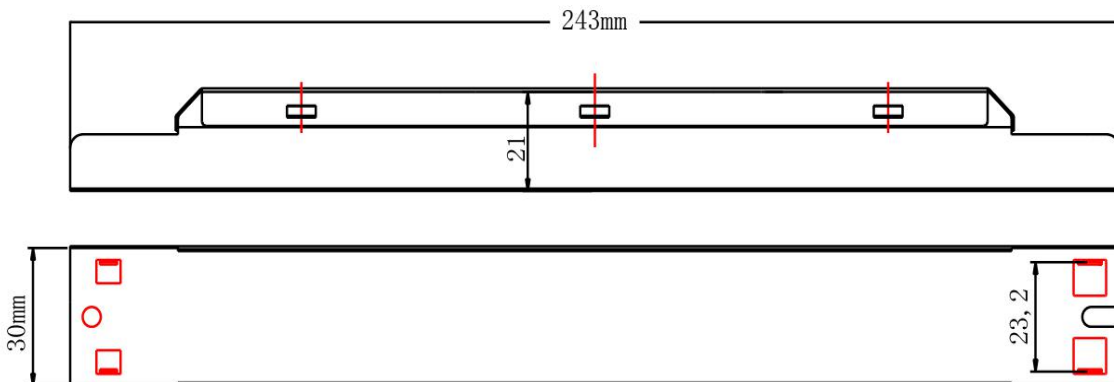
输入电压 Input voltage (Vac)	输入电流 Input current (mA)	输入功率 Input power (W)	功率因数 PF	输出电压 Output voltage (Vdc)	输出电流 Output current (mA)	输出功率 Output Power (W)	转换效率 Efficiency (%)
240V	156.5	36.52	0.969	40.00	802	32.08	88%
	142.4	33.05	0.964	36.00	800	28.80	87%
	121.8	28.00	0.954	30.00	800	24.00	86%
	87.88	19.49	0.921	20.00	800	16.00	82%
200V	181.1	36.06	0.983	40.00	795	31.80	88%
	164.5	32.73	0.982	36.00	795	28.62	87%
	139.8	27.73	0.979	30.00	796	23.88	86%
	98.73	19.27	0.963	20.00	798	15.96	83%

调光测试数据 Dimming test data

输入电压 Input voltage	输入电流 Input current	输入功率 Input power (W)	功率因数 PF	输出电压 Output voltage	输出电流 Output current (A)	输出功率 Output Power	调光电压 Dimming voltage (V)	百公比	
240V	8.38	0.67	0.297	40.000	1.00	0.04	0.45V	0.13%	0
241V	12.06	1.33	0.438	40.000	13.00	0.52	0.6V	1.63%	1
242V	21.09	2.74	0.529	40.000	40.00	1.60	1V	5.03%	2
243V	36.81	6.84	0.761	40.000	128.00	5.12	2V	16.08%	3
244V	52.00	10.81	0.857	40.000	221.00	8.84	3V	27.76%	4
245V	65.30	14.29	0.96/24 0VAC	40.000	302.00	12.08	4V	37.94%	5
246V	81.04	18.51	0.932	40.000	398.00	15.92	5V	50.00%	6
247V	100.70	23.08	0.952	40.000	503.00	20.12	6V	63.19%	7
248V	116.40	27.01	0.961	40.000	593.00	23.72	7V	74.50%	8
249V	133.50	31.28	0.966	40.000	687.00	27.48	8V	86.31%	9
250V	147.70	34.77	0.973	40.000	768.00	30.72	9V	96.48%	10
251V	153	36.01	0.971	40.000	796	31.84	10V	100.00%	11



产品尺寸图/ Product Size Diagram



DALI



0-10V



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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