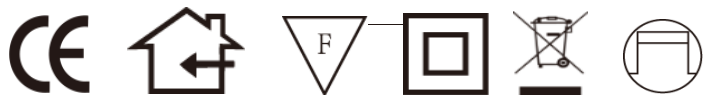


## —产品特性/Feature—



- 200-240VAC (50/60Hz) 输入 / 200-240VAC (50/60Hz) Input
- 隔离高PF无频闪方案,。采用最新的调光信号与主输出的隔离调光认证方案 /High PF and flicker free isolated solution, Isolated 0-10V dimming signal wires.
- 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;
- 实现了真正的0-10V调光, 全程无频闪, 兼容市场上所有的调光控制系统。



It realizes true 0-10V dimming, no flicker in the whole process, and is compatible with all dimming control

## 产品参数/Specification

Model		LKAD048D-C	备注
输入 Input	输入电压范围/Input Voltage range	180-240V	
	频率/Frequency	50/60hz	
	谐波/THD	≤15%	
	功率因数/Power factor	0.96/240VAC	
输出 Output	额定电压/Rated voltage	42V	
	空载电压/No-load Voltage	48V	
	工作电压范围/working voltage range	10-42V	
	可选择电流规格/selectable current specs	1200mA	
	电流精度/Current precision	(+/-) 5%	
	额定功率/Rated power	50W	
	开机延时/Setup Time	≤0.5s/220VAC	
	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	CE standard	

	质保说明Warranty instructions	5年/5 years	
	尺寸/Size	188*40*30MM	
	重量/Netweight	170g	
<b>注意事项 matters needing attention</b>	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 instalt the unde voltage protection device and surge protection device to ensure Electricity safety		
	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.		
	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		

### 测试数据/Test data

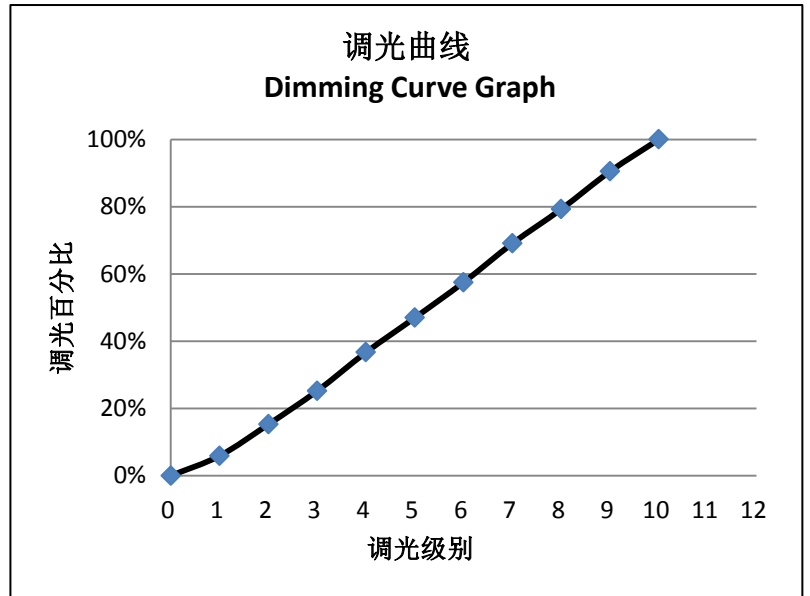
输入电压 Input voltage ( Vac)	输入电流 Input current ( mA)	输入功率 Input power ( W)	功率因数 PF	输出电压 Output voltage ( Vdc)	输出电流 Output current ( mA)	输出功率 Output Power ( W)	转换效率 Efficiency (%)
180	299.00	53.23	0.98	40	1182	47	89%
	278.00	49.35	0.98	37	1183	44	89%
	228.00	40.37	0.98	30	112	3	8%
	193.00	34.04	0.98	25	1182	30	87%
	159.00	27.79	0.96	20	1185	24	85%
	126.00	21.45	0.94	15	1183	18	83%
	92.80	15.15	0.91	10	1184	12	78%
240	230.00	53.40	0.96	40	1191	48	89%
	214.00	49.50	0.96	37	1190	44	89%
	178.00	40.55	0.94	30	1188	36	88%
	153.00	34.35	0.93	25	1188	30	86%
	128.00	27.94	0.91	20	1187	24	85%
	103.00	21.66	0.87	15	1187	18	82%
	79.00	15.38	0.81	10	1186	12	77%

### 调光测试数据Dimming test data

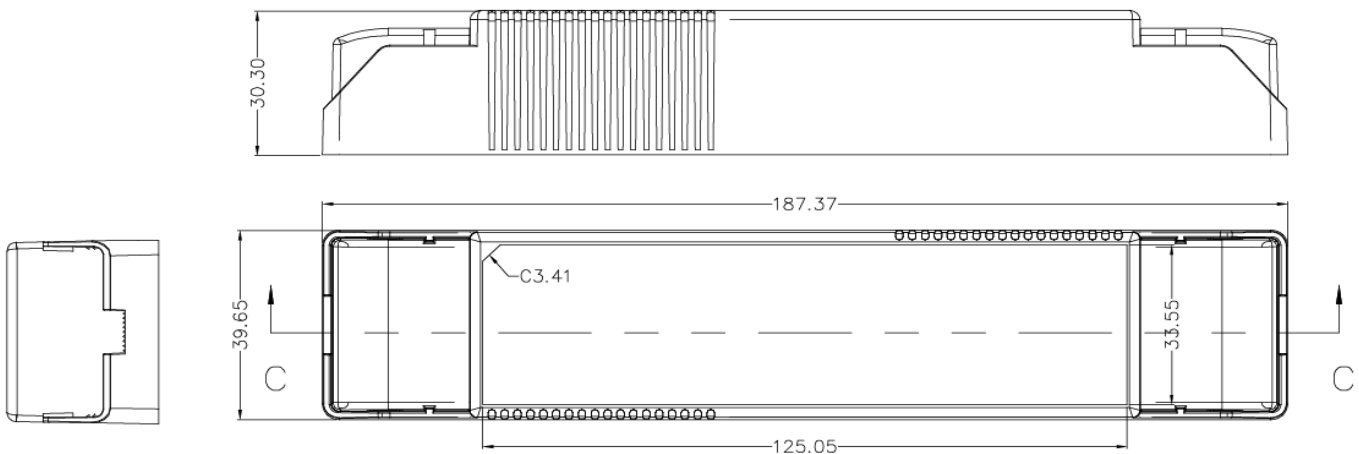
输入电压 Input voltage ( Vac)	输入电流 Input current ( mA)	输入功率 Input power ( W)	功率因数 PF	输出电压 Output voltage ( Vdc)	输出电流 Output current ( MA)	输出功率 Output Power ( W)	调光电压 Dimming voltage ( V)	调光百分比 Dimming Rated
	0.00	0.2	0.105	37	0	0.00	0	0.00%
	0.54	2.99	0.199	37	70	2.59	1	5.90%

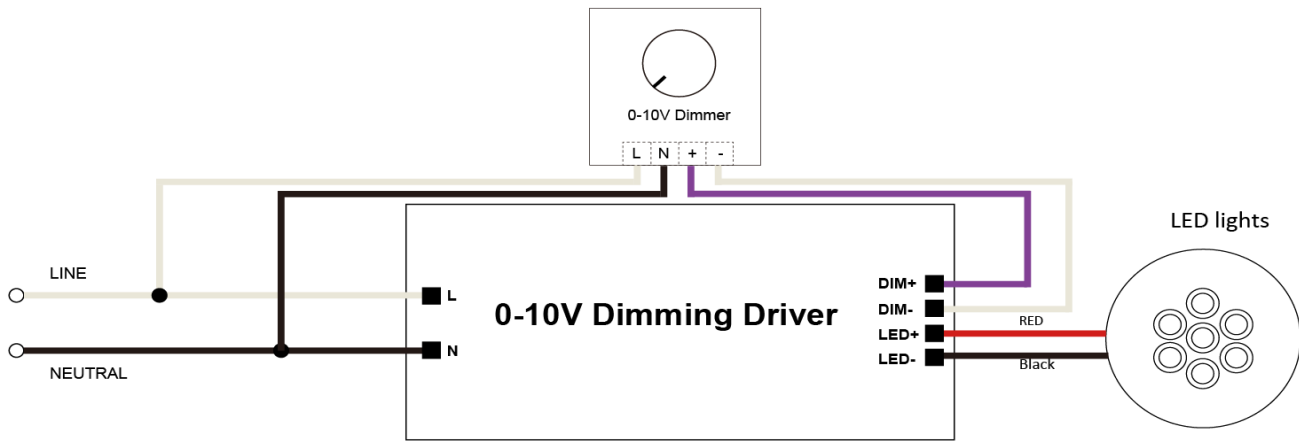
230	0.72	5.6	0.525	37	181	6.70	2	15.26%
	0.81	8.43	0.770	37	299	11.06	3	25.21%
	0.87	11.27	0.891	37	435	16.10	4	36.68%
	0.91	14.13	0.944	37	557	20.61	5	46.96%
	0.93	17.12	0.968	37	682	25.23	6	57.50%
	0.95	19.28	0.981	37	819	30.30	7	69.06%
	0.96	22.9	0.988	37	940	34.78	8	79.26%
	0.96	25.59	0.991	37	1073	39.70	9	90.47%
	0.97	28.7	0.994	37	1186	43.88	10	100.00%

拨码电流/DIP Switch Current			
I <sub>rated</sub>	1	2	3
1200mA	ON	ON	ON
1150mA	ON	ON	OFF
1100mA	ON	OFF	ON
1050mA	ON	OFF	OFF
1000mA	OFF	ON	ON
950mA	OFF	ON	OFF
900mA	OFF	OFF	ON
800mA	OFF	OFF	OFF



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℃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，

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