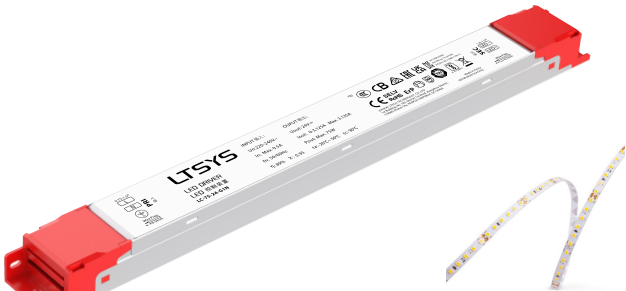


Non-Dimmable LED Driver (Constant Voltage)

- Independent external LED driver.
- The clamshell design and screwless type for strain-relief.
- High performance, high efficiency, low THD.
- Energy-efficient driver: Efficiency 89%, PF>0.95, THD<15%.
- Innovative thermal management technology intelligently protects the power life.
- Overheat, over voltage, overload, short circuit protection and automatic recovery.
- Isolated LED driver, suitable for indoor light applications of I / II / III type.
- Indoor office lighting, decorative lighting, commercial lighting.
- 5-year warranty.



Technical Specs

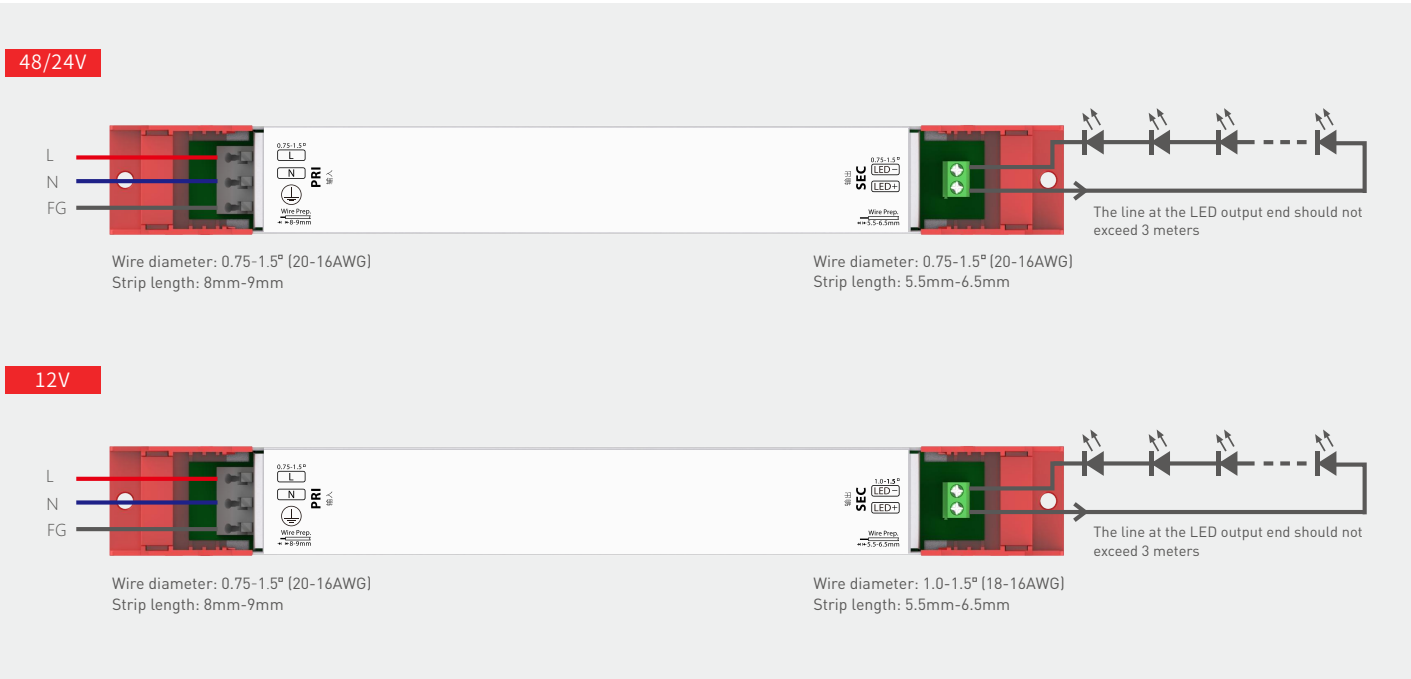
Model		LC-75-48-G1N		LC-75-24-G1N		LC-75-12-G1N	
OUTPUT	Output Voltage	48Vdc (Max)		24Vdc (Max)		12Vdc (Max)	
	Output Voltage Range	48Vdc ± 0.5Vdc		24Vdc ± 0.5Vdc		12Vdc ± 0.5Vdc	
	Output Current	Max 1.56A		Max 3.125A		Max 6.25A	
	Output Power	Max. 75W					
	Output Power Range	0-75W					
	Overload Power Limitation	≥102%					
INPUT	Input Voltage	220-240Vac					
	Frequency	50/60Hz					
	Input Current	0.5A/200Vac; 0.45A/230Vac; 0.4A/264Vac					
	Power Factor	PF>0.95/230Vac (at full load)					
	THD	200Vac@THD < 22%, 230Vac@THD < 15%, 264Vac@THD < 15%					
	Efficiency (typ.)	89%				88%	
	Standby Power Consumption	< 0.5W					
	Inrush Current	Cold start 45A/230Vac (Test twidth =400us under 50% Ipeak)					
	Anti Surge	L-N: 1KV					
Leakage Current	Max. 0.7mA						
ENVIRONMENT	Working Temperature	ta: -20~50°C tc: 90°C					
	Working Humidity	20-95%RH; non-condensing					
	Storage Temperature,Humidity	-40~80°C, 10-95%RH					
	Temperature Coefficient	±0.03%/°C [-20~50°C]					
	Vibration	10~500Hz, 2G 12min/1cycle, 72 min for X, Y and Z axes respectively					
PROTECTION	Overheat Protection	According to the PCB temperature exceeding the standard condition (≥110°C), automatically shut down					
	Overvoltage Protection	Shut down the output when non-load voltage ≥54V, and recover automatically		Shut down the output when non-load voltage ≥28V, and recover automatically		Shut down the output when non-load voltage ≥16V, and recover automatically	
	Overload Protection	Shut down the output when current load>102%, and recover automatically					
	Short Circuit Protection	Enter hiccup mode if short circuit occurs, and recover automatically					
SAFETY & EMC	Withstand Voltage	I/P-O/P: 3750Vac					
	Isolation Resistance	I/P-O/P: 100MQ/500VDC/25°C/70%RH					
	Safety Standards	CCC	China	GB19510.1, GB19510.14			
		TUV	Germany	EN61347-1, EN61347-2-13, EN62493			
		CB	CB member states	IEC61347-1, IEC61347-2-13			
		CE	European Union	EN61347-1, EN61347-2-13, EN62384			
		KC	Korea	KC61347-1, KC61347-2-13			
		EAC	Russia	IEC61347-1, IEC61347-2-13			
		UKCA	Britain	BS EN 61347-2-13:2014+A1:2017 BS EN 61347-1:2015+A1:2021			
		ENEC	Europe	EN61347-1, EN61347-2-13, EN62384			
	EMC Emission	CCC	China	GB/T17743, GB17625.1			
		CE	European Union	EN55015, EN61000-3-2, EN61000-3-3, EN61547			
		KC	Korea	KSC 9815, KSC 9547			
		EAC	Russia	IEC62493, IEC61547, EH55015			
		UKCA	Britain	BS EN IEC 55015:2019/A11:2020, BS EN 61547:2009, BS EN IEC 61000-3-2:2019, BS EN 61000-3-3:2013/A1:2019			
	EMC Immunity	EN61000-4-2,3,4,5,6,8,11, EN61547					
ErP	Power Consumption	Standby power consumption		No standby mode			
		Networked standby		≤0.5W			
		No-load power consumption		Without no-load mode			
	Flicker/Stroboscopic Effect	IEEE 1789		Meet IEEE 1789 standard / High frequency exemption level			
		CIE SVM		Pst LM≤1.0, SVM≤0.4			
DF	Phase factor		DF≥0.9				
OTHERS	Life Time	50000 hours					
	Warranty	5 years					

Product Size

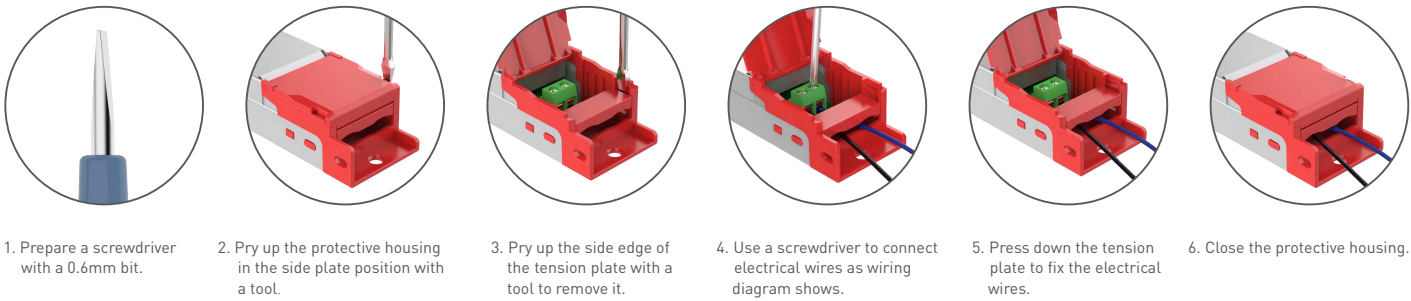
Unit: mm



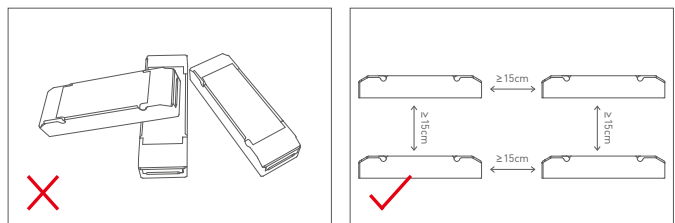
Wiring Diagram



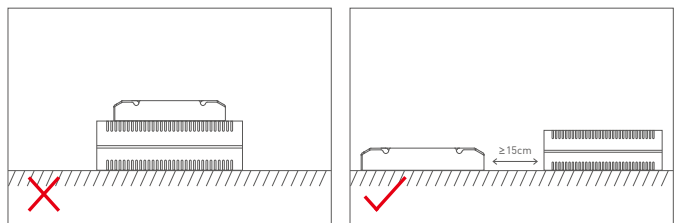
Protective Housing Drawings



Installation Precautions



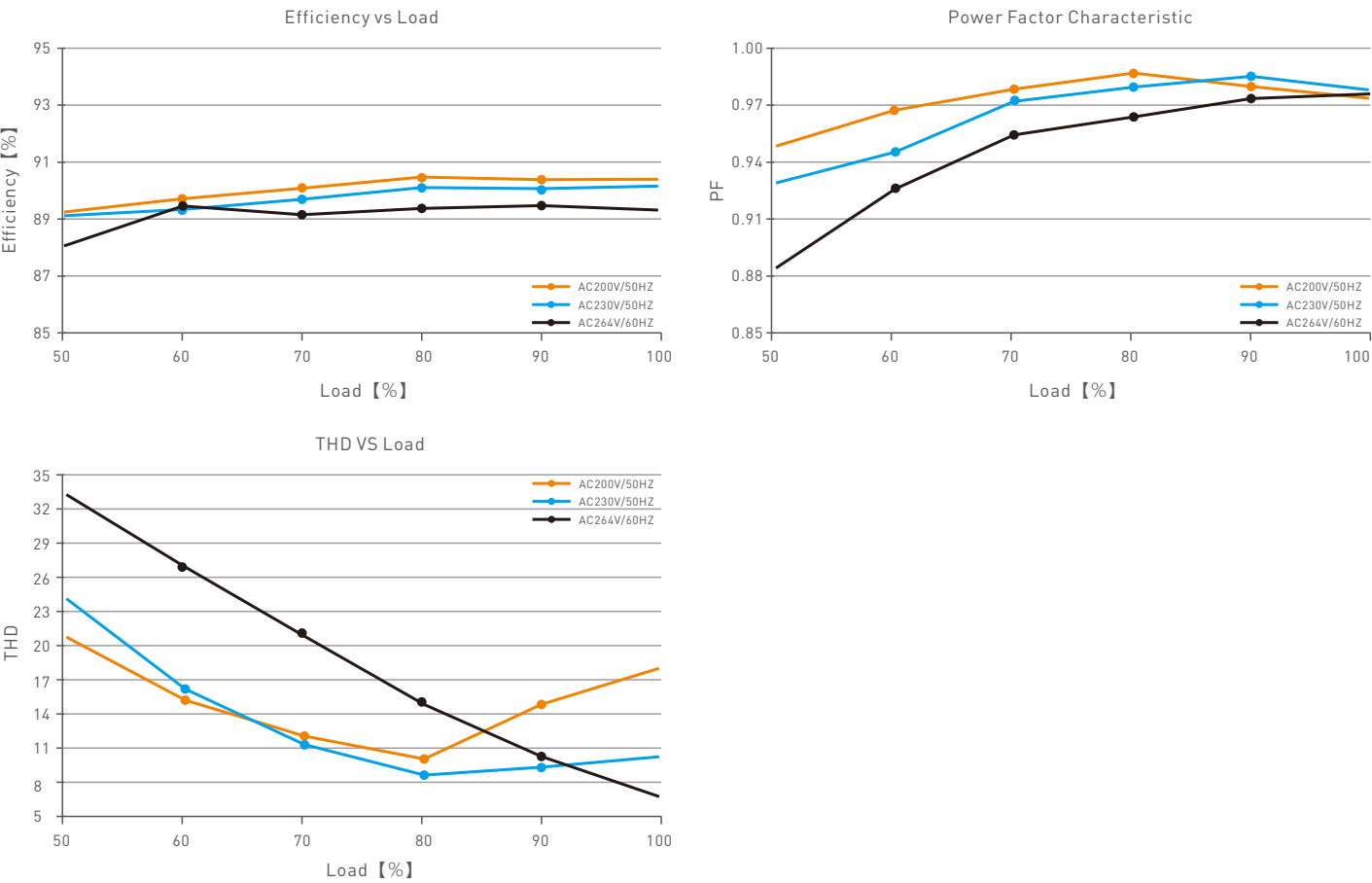
Please do not stack the products. The distance between two products should be $\geq 15\text{cm}$ so as not to affect heat dissipation and the lifespan of the products.



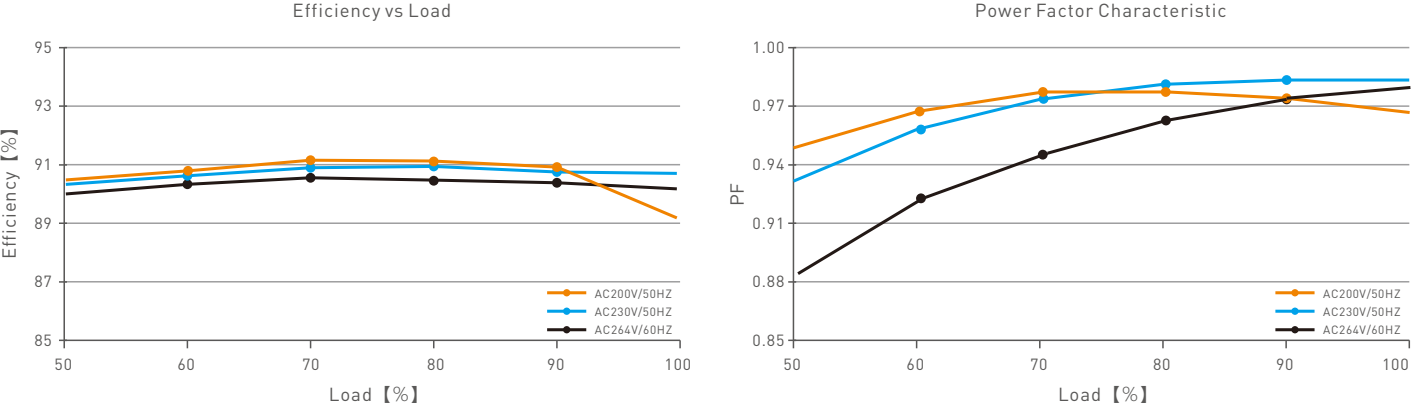
Please not place the products on LED drivers. The distance between the product and the driver should be $\geq 15\text{cm}$ so as not to affect heat dissipation and shorten the lifespan of the products.

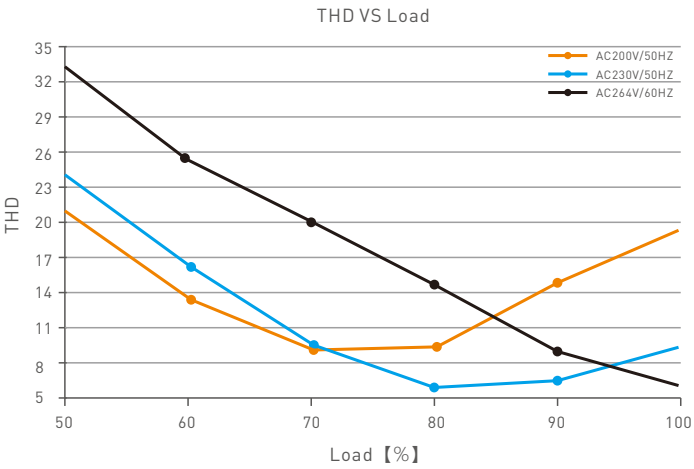
Relationship Diagrams

LC-75-48-G1N

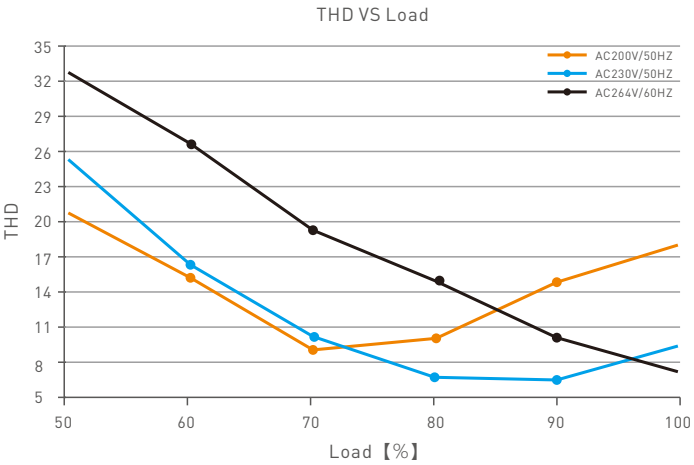
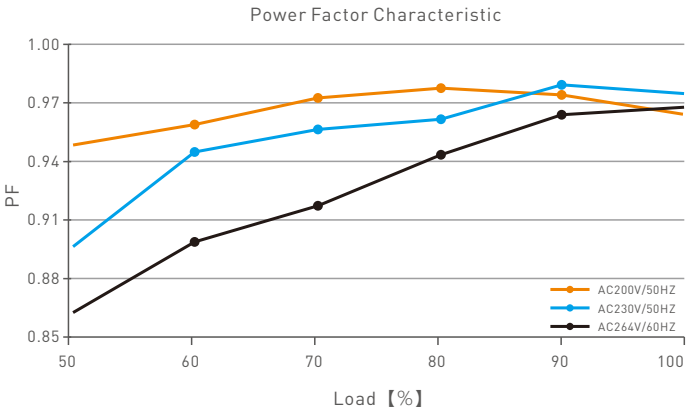
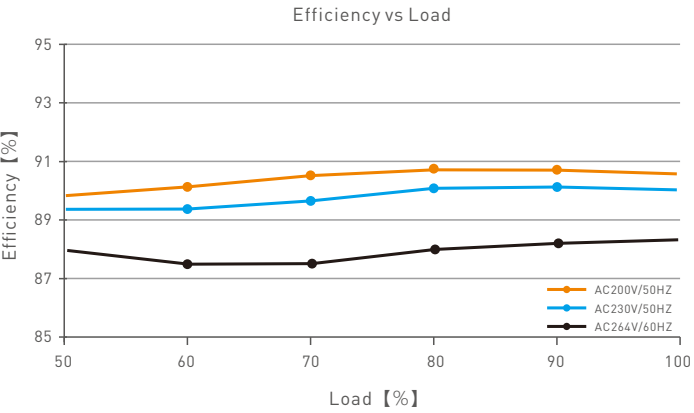


LC-75-24-G1N





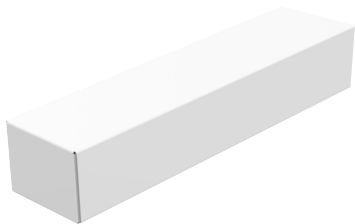
LC-75-12-G1N



Packaging Specifications

Model	LC-75-48-G1N / LC-75-24-G1N / LC-75-12-G1N
Carton Dimensions	335×265×120mm(L×W×H)
Quantity	10 PCS/Layer; 3 Layers/Carton; 30 PCS/Carton
Weight	0.30 kg/PC; 9.5 kg±5%/Carton

Packaging Image



Inner Packaging Box



Carton Packaging

Transportation and Storage

1. Transportation

Products can be shipped via vehicles, boats and planes.
During transportation, products should be protected from rain and sun. Please avoid severe shock and vibration during the loading and unloading process.

2. Storage

The storage conditions should comply with the Class I Environmental Standards. The products that have been stored for more than six months are recommended to be re-inspected and can be used only after they have been qualified.

Attentions

- Products shall be installed by qualified professionals.
 - LTECH products are non-waterproof (special models excepted). Please avoid the sun and rain. When installed outdoors, please ensure it is mounted in a water proof enclosure.
 - Good heat dissipation will extend the working life of products. Please ensure good ventilation.
 - Please check if the working voltage used complies with the parameter requirements of products.
 - The diameter of wire used must be able to load the light fixtures you connect and ensure the firm wiring.
 - Before you power on products, please make sure all the wiring is correct in case of incorrect connection that causes damage to light fixtures.
 - If a fault occurs, please do not attempt to fix products by yourself. If you have any question, please contact your suppliers.
- ✱ This manual is subject to changes without further notice. Product functions depend on the goods. Please feel free to contact our official distributors if you have any question.

Warranty Agreement

- Warranty periods from the date of delivery: 5 years.
- Free repair or replacement services for quality problems are provided within warranty periods.

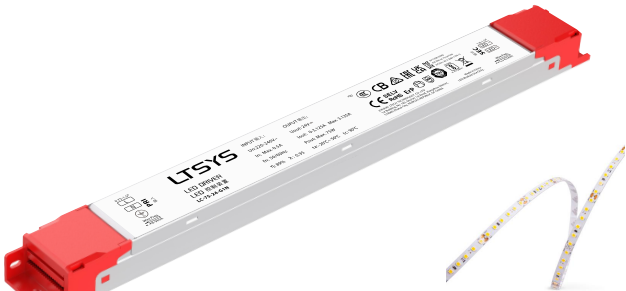
Warranty exclusions below:

- Beyond warranty periods.
- Any artificial damage caused by high voltage, overload, or improper operations.
- Products with severe physical damage.
- Damage caused by natural disasters and force majeure.
- Warranty labels and barcodes have been damaged.
- No any contract signed by LTECH.

1. Repair or replacement provided is the only remedy for customers. LTECH is not liable for any incidental or consequential damage unless it is within the law.
2. LTECH has the right to amend or adjust the terms of this warranty, and release in written form shall prevail.

LED非调光驱动器 (恒压型)

- 独立外置式电源
- 免螺丝压线翻盖设计
- 高性能、高效率、低THD
- 高效能电源: 效率89%、PF>0.95、THD<15%
- 创新的热管理技术, 智能保护电源寿命
- 过温、过压、过载、短路保护, 可自动恢复
- 隔离电源, 适合 I、II、III类灯具应用
- 室内办公照明、装饰照明、商业照明
- 5年保修期



技术参数

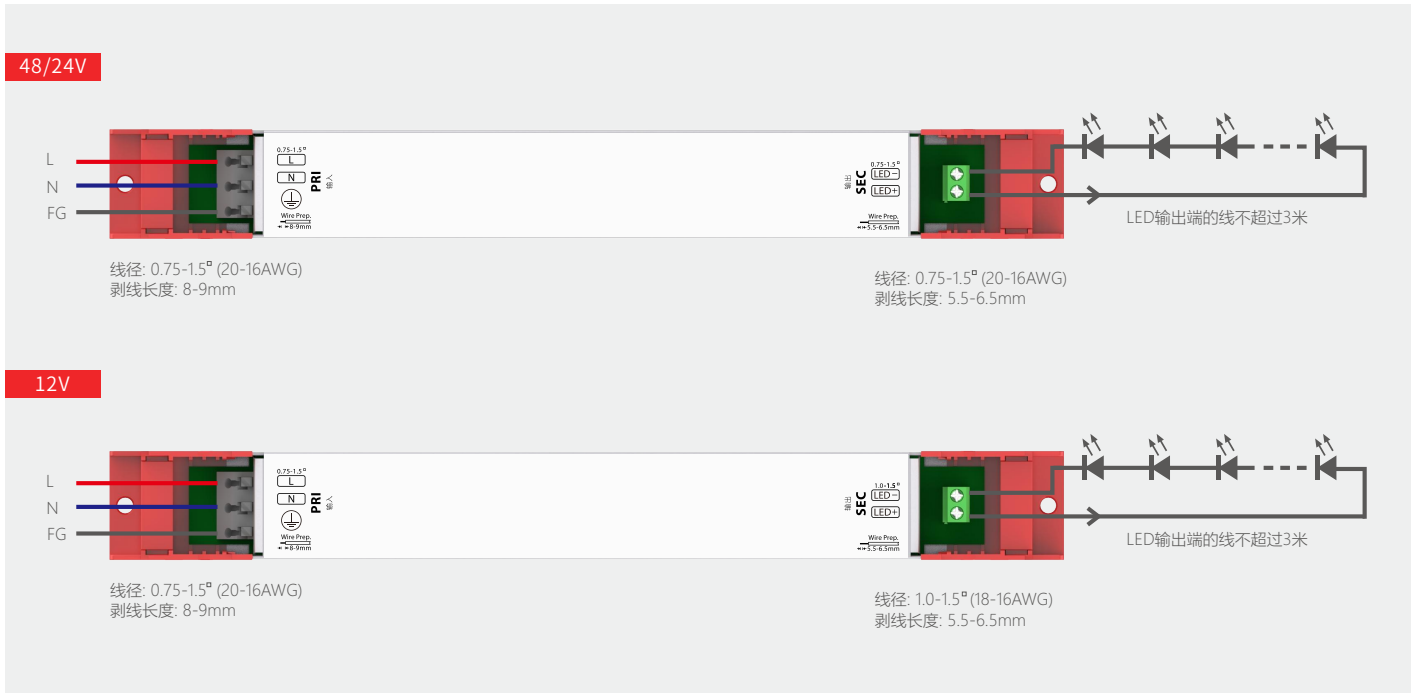
型号		LC-75-48-G1N		LC-75-24-G1N		LC-75-12-G1N	
输出	输出电压	48Vdc (Max)		24Vdc (Max)		12Vdc (Max)	
	输出电压范围	48Vdc ± 0.5Vdc		24Vdc ± 0.5Vdc		12Vdc ± 0.5Vdc	
	输出电流	Max 1.56A		Max 3.125A		Max 6.25A	
	输出功率	Max. 75W					
	输出功率范围	0-75W					
	过功率限制	≥102%					
输入	输入电压	220-240Vac					
	频率范围	50/60Hz					
	输入电流	0.5A/200Vac; 0.45A/230Vac; 0.4A/264Vac					
	功率因数	PF>0.95/230Vac (满载)					
	谐波THD	200Vac@THD < 22%; 230Vac@THD < 15%; 264Vac@THD < 15%					
	效率(Typ.)	89%				88%	
	待机功耗	< 0.5W					
	浪涌电流	冷启动45A/230Vac (在50%Ipeak下测试twidth=400us)/230Vac					
	抗浪涌	L-N: 1KV					
环境	漏电流	Max. 0.7mA					
	工作温度	ta: -20~50°C tc: 90°C					
	工作湿度	20-95%RH; 无冷凝					
	储存温度 湿度	-40~80°C, 10-95%RH					
	温度系数	±0.03%/°C (-20~50°C)					
保护	耐振动	10-500Hz, 2G 12分钟/周期, X, Y, Z轴各72分钟					
	过温保护	根据PCB温度超标情况(≥110°C), 自动关闭					
	过压保护	空载电压≥54V, 关闭输出, 可自动恢复		空载电压≥28V, 关闭输出, 可自动恢复		空载电压≥16V, 关闭输出, 可自动恢复	
	过载保护	负载电流≥102%, 关闭输出, 可自动恢复					
	短路保护	输出线路短路进入打嗝模式, 可自动恢复					
安规和电磁规格	耐压	输入对输出: 3750Vac					
	绝缘阻抗	输入对输出: 100MΩ/500VDC/25°C/70%RH					
	安全规范	CCC	中国	GB19510.1, GB19510.14			
		TUV	德国	EN61347-1, EN61347-2-13, EN62493			
		CB	CB成员国	IEC61347-1, IEC61347-2-13			
		CE	欧盟	EN61347-1, EN61347-2-13, EN62384			
		KC	韩国	KC61347-1, KC61347-2-13			
		EAC	俄罗斯	IEC61347-1, IEC61347-2-13			
		UKCA	英国	BS EN 61347-2-13:2014+A1:2017, BS EN 61347-1:2015+A1:2021			
		ENEC	欧洲	EN61347-1, EN61347-2-13, EN62384			
	电磁兼容发射	CCC	中国	GB/T17743, GB17625.1			
		CE	欧盟	EN55015, EN61000-3-2, EN61000-3-3, EN61547			
		KC	韩国	KSC 9815, KSC 9547			
		EAC	俄罗斯	IEC62493, IEC61547, EH55015			
		UKCA	英国	BS EN IEC 55015:2019/A1:2020, BS EN 61547:2009, BS EN IEC 61000-3-2:2019, BS EN 61000-3-3:2013/A1:2019			
	电磁兼容抗扰度	EN61000-4-2,3,4,5,6,8,11, EN61547					
ErP	功耗	待机功耗		无待机模式			
		网络待机功耗		≤0.5W			
		空载功耗		无空载模式			
	频闪/频闪效应	IEEE 1789		满足无影响/高频豁免考核级别			
		CIE SVM		Pst LM≤1.0, SVM≤0.4			
其他	DF	相位因素		DF≥0.9			
	寿命	50000小时					
其他	质保	5年					

尺寸图

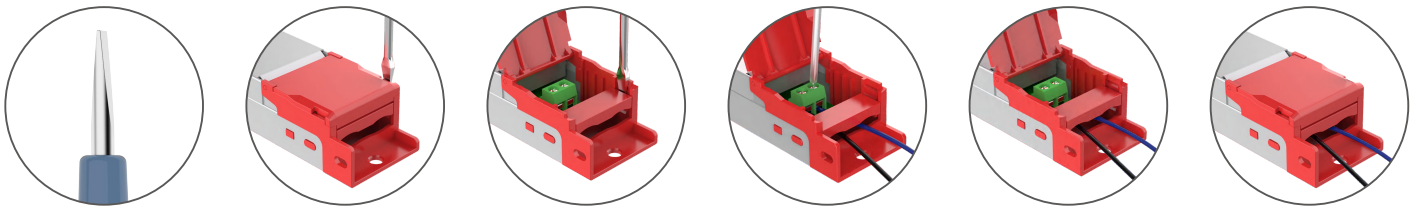
单位: mm



连接应用图

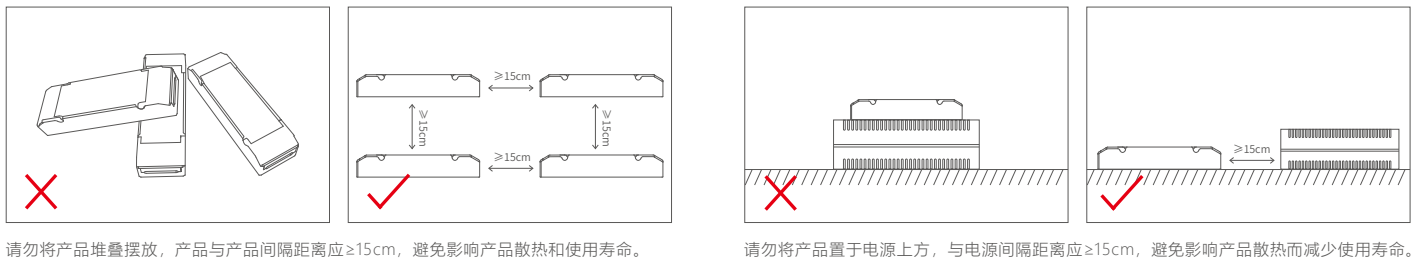


保护盖应用图



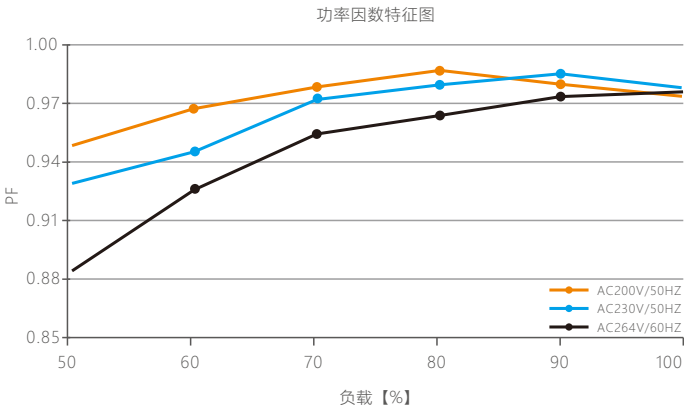
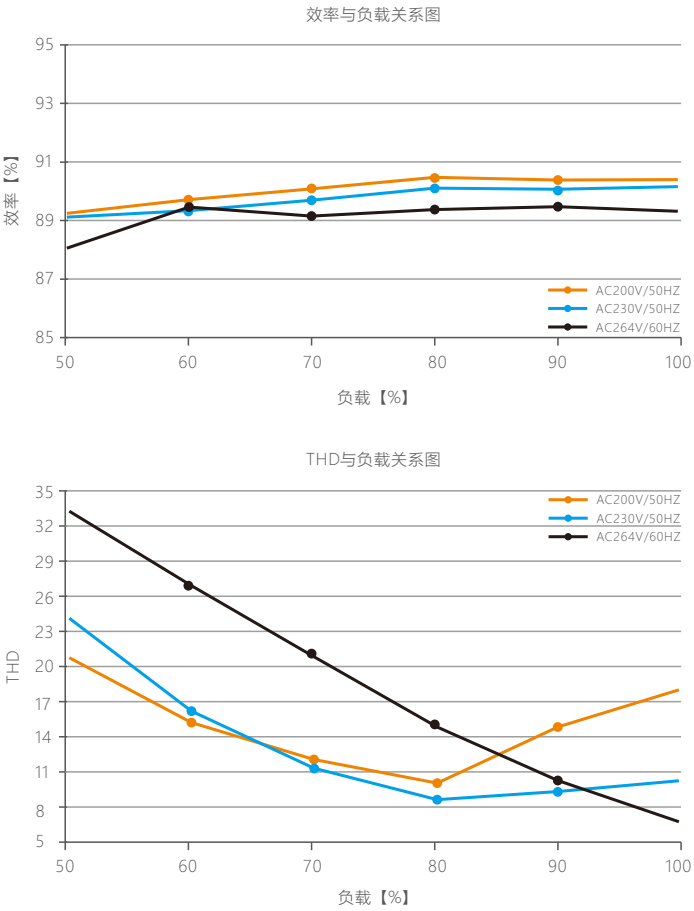
- 1. 准备0.6mm批头的螺丝批。
- 2. 在侧板使用螺丝批撬起保护盖。
- 3. 用螺丝批撬起压线板侧边。
- 4. 按照接线图所示进行接线。
- 5. 向下推压线板，可固定线。
- 6. 合上保护盖即可。

安装注意事项

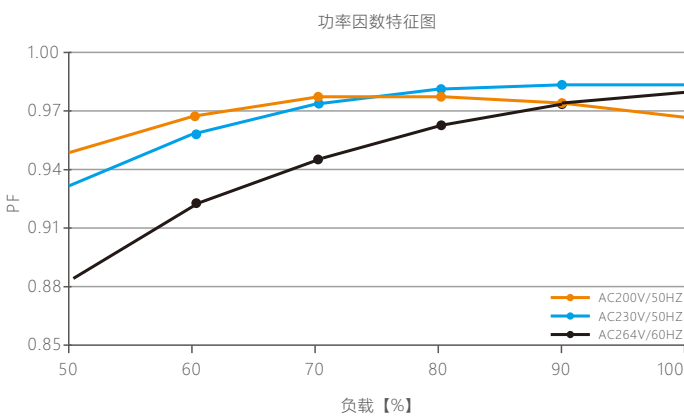
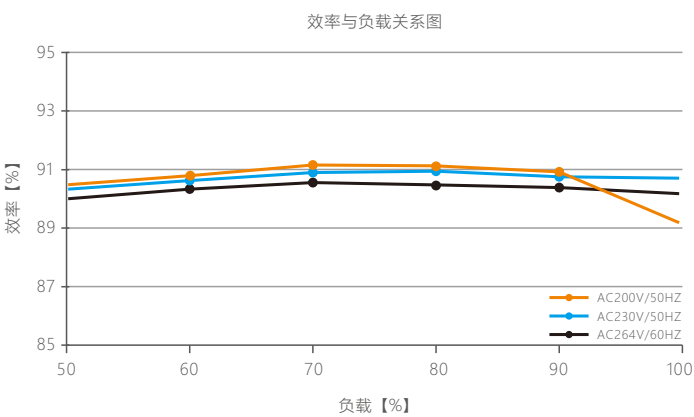


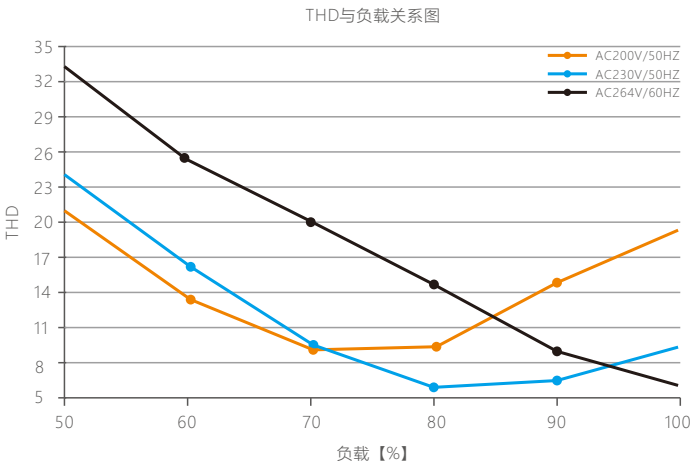
关系图表

LC-75-48-G1N

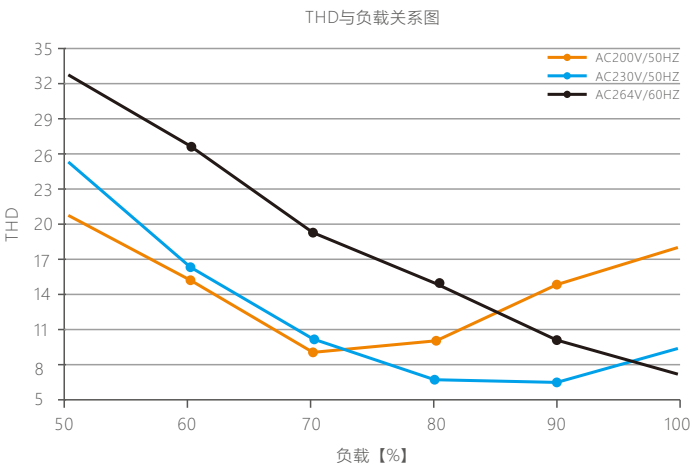
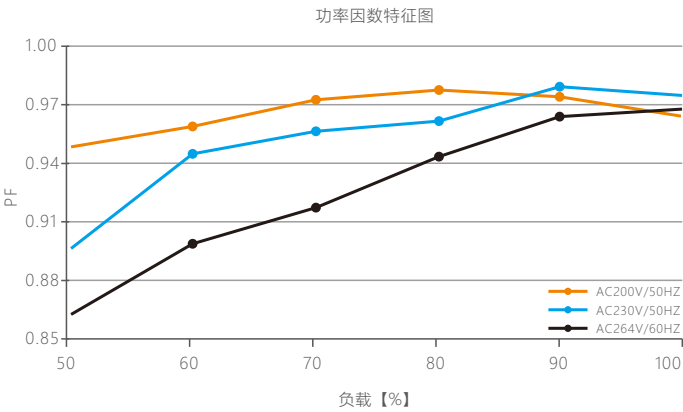
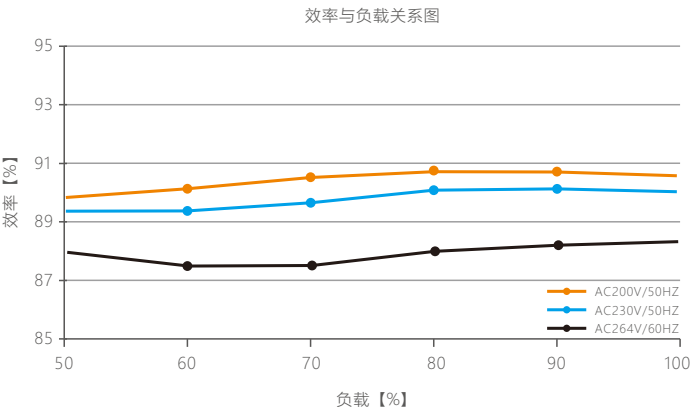


LC-75-24-G1N





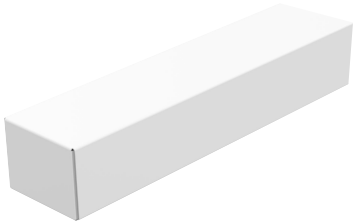
LC-75-12-G1N



包装规格

型号	LC-75-48-G1N / LC-75-24-G1N / LC-75-12-G1N
包装箱尺寸	335×265×120mm(L×W×H)
数量	10PCS/层; 3层/箱; 30PCS/箱
重量	0.30kg/PC; 9.5kg±5%/箱

包装样式图



内包装盒



整箱包装

运输和贮存

1. 运输
- 产品适用车、船、飞机交通运输工具运输。
- 在运输中，应使用遮蓬进行防雨和防晒，并保持文明装卸，不应有剧烈振动、撞击等。
2. 贮存
- 贮存符合Ⅰ类环境的规定。贮存期限超过6个月的产品建议重新检验，合格后方可使用。

注意事项

- 请由具有专业资格的人员进行调试安装;
 - 雷特产品 (专有型号除外) 不能防水, 需避免日晒雨淋, 如安装在户外, 请用防水箱;
 - 良好的散热条件会延长产品的使用寿命, 请把产品安装在通风良好的环境;
 - 请检查使用的工作电压是否符合产品的参数要求;
 - 使用的电线直径大小必须能够负载连接的LED灯具, 并确保接线牢固;
 - 通电调试前, 应确保所有接线正确, 以避免因接线错误而导致灯具损坏;
 - 如果发生故障, 请勿私自维修; 如果有疑问, 请联系供应商。
- * 本说明书的内容如有变更, 恕不另行通知。若内容与您使用的功能有所不同, 则以实物为准。如有疑问, 欢迎向我司授权的经销商咨询。

保修条例

- 自出厂之日起保修服务期为5年。
- 在保修服务期内出现产品质量问题雷特将给予免费修理或更换服务。

非保修条例:
属下列情况不在免费保修或更换服务范围之内:

- 已经超出保修服务期;
- 过高电压、超负载、操作不当等人为造成的损坏;
- 产品外形严重损坏或变形;
- 自然灾害以及人力不可抗拒原因造成的损坏;
- 产品保修标签和产品唯一条形码损坏;
- 无雷特签订的合同或发票凭证。

1. 修理或更换是雷特对客户的最唯一补救措施。雷特不承担任何附带引起的损害赔偿责任, 除非在适用法律范围之内。
2. 雷特享有修正或调整本保修条款的权利, 并以书面形式发布为准。