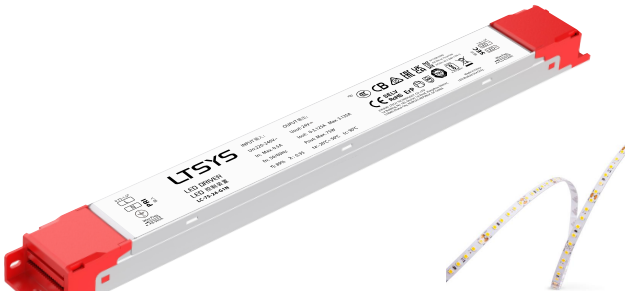


Non-Dimmable LED Driver (Constant Voltage)

- 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.



The certification icon represents on-going certification applications only, and final certification qualification is subject to actual products.

Technical Specs

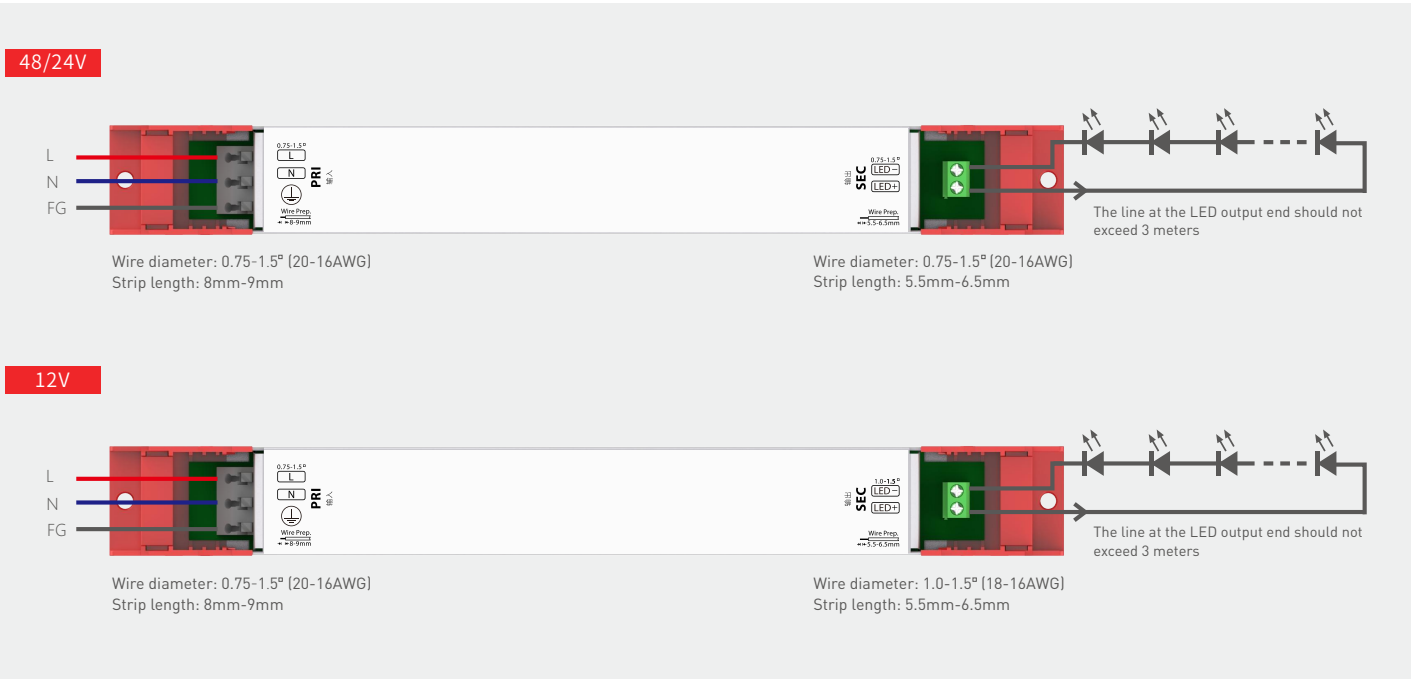
Model		LC-75-48-G1N		LC-75-24-G1N		LC-75-12-G1N	
OUTPUT	Output Voltage	48Vdc (Max)		24Vdc (Max)		12Vdc (Max)	
	Output Voltage Range	48Vdc ± 0.5Vdc		24Vdc ± 0.5Vdc		12Vdc ± 0.5Vdc	
	Output Current	Max 1.56A		Max 3.125A		Max 6.25A	
	Output Power	Max. 75W					
	Output Power Range	0-75W					
	Overload Power 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: 100MΩ/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

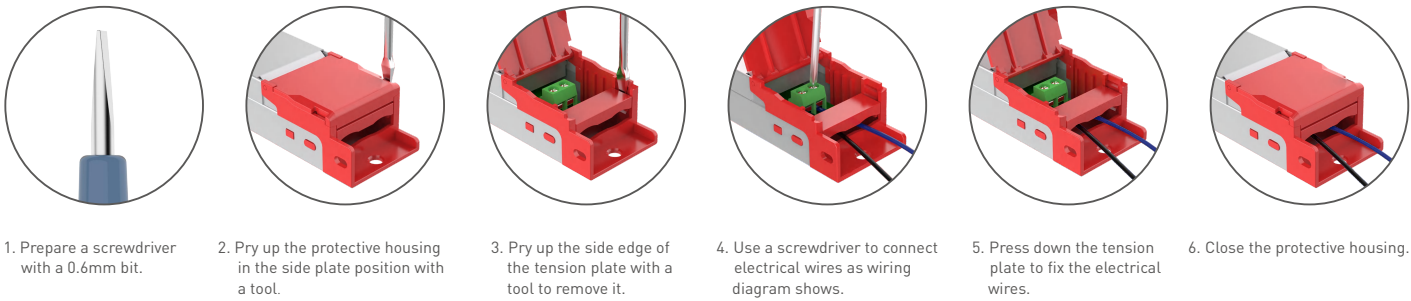
Unit: mm



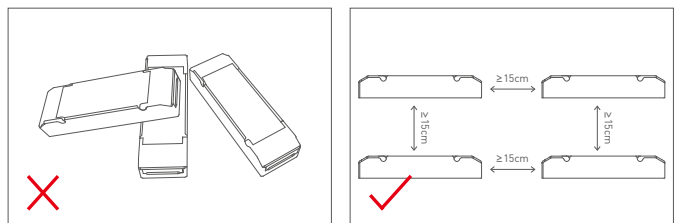
Wiring Diagram



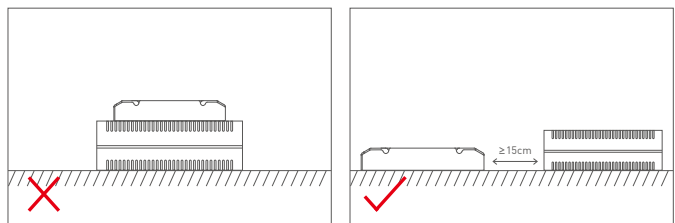
Protective Housing Drawings



Installation Precautions



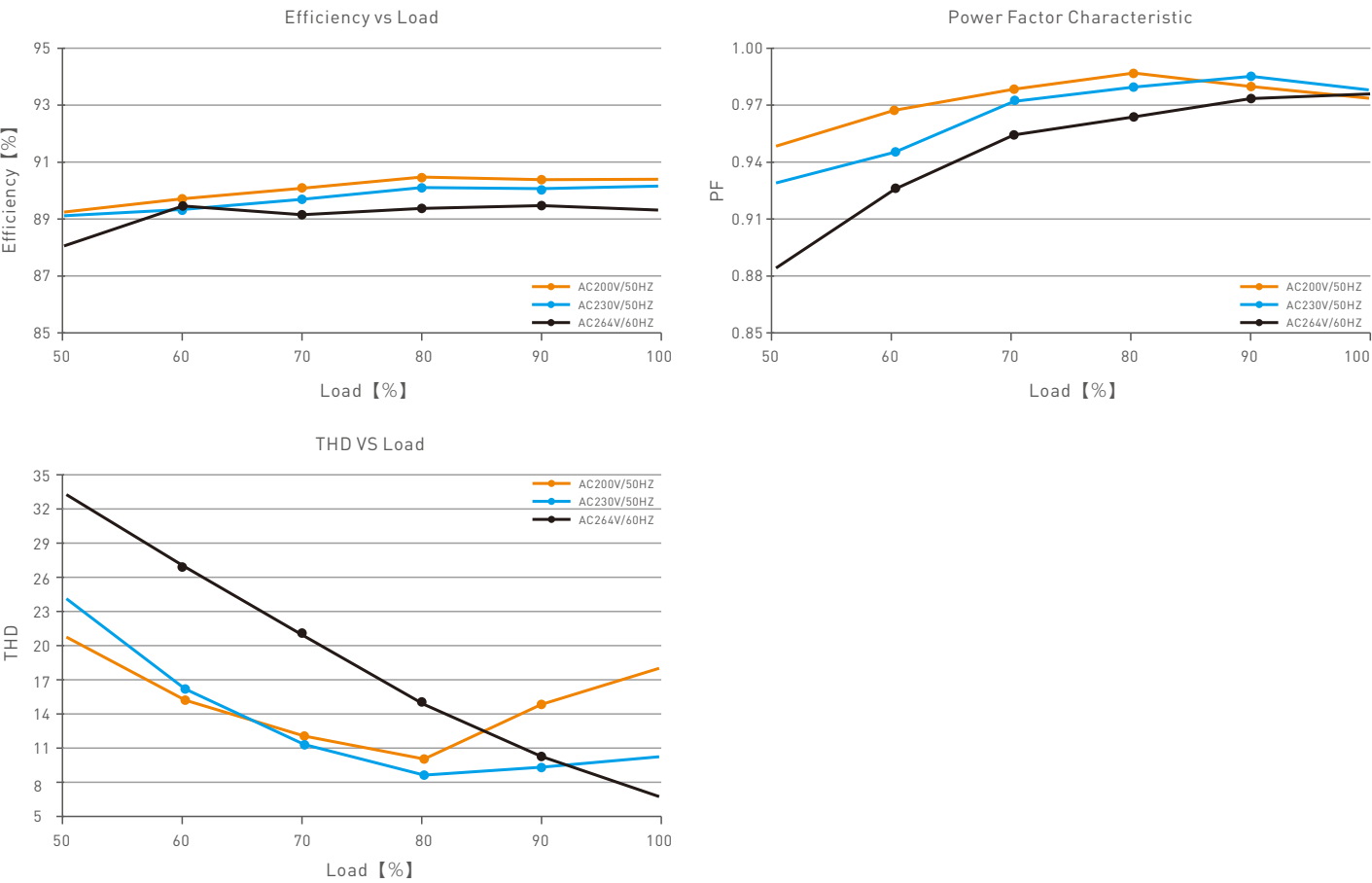
Please do not stack the products. The distance between two products should be $\geq 15\text{cm}$ so as not to affect heat dissipation and the lifespan of the products.



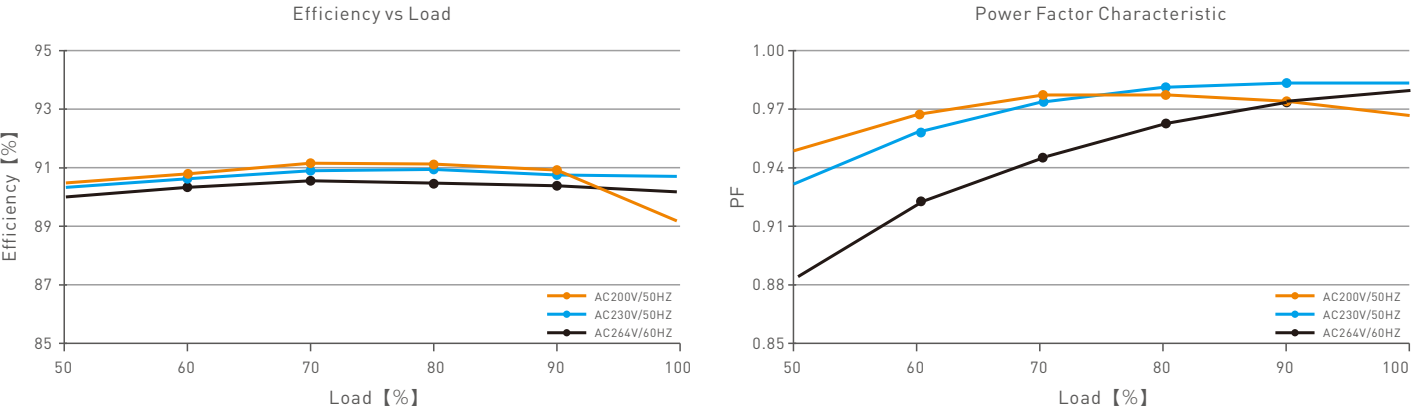
Please not place the products on LED drivers. The distance between the product and the driver should be $\geq 15\text{cm}$ so as not to affect heat dissipation and shorten the lifespan of the products.

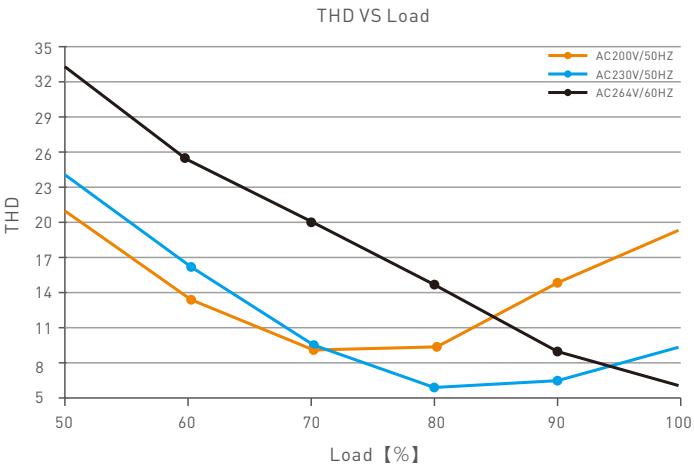
Relationship Diagrams

LC-75-48-G1N

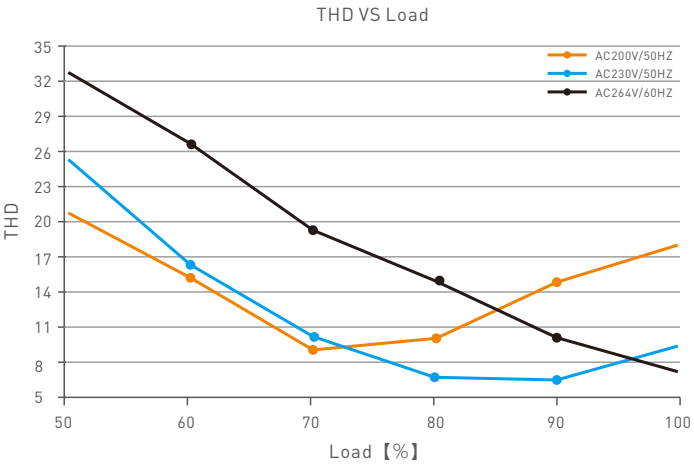
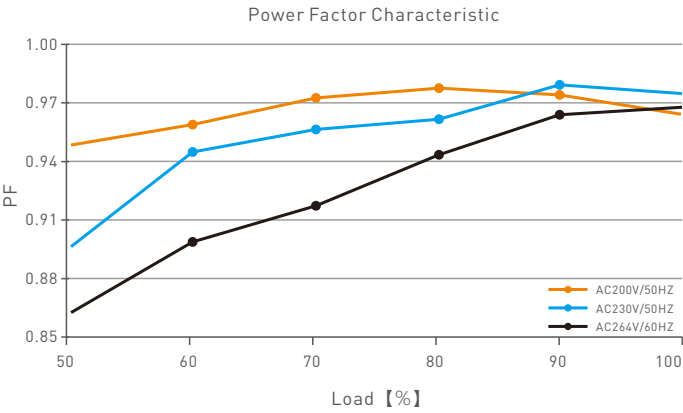
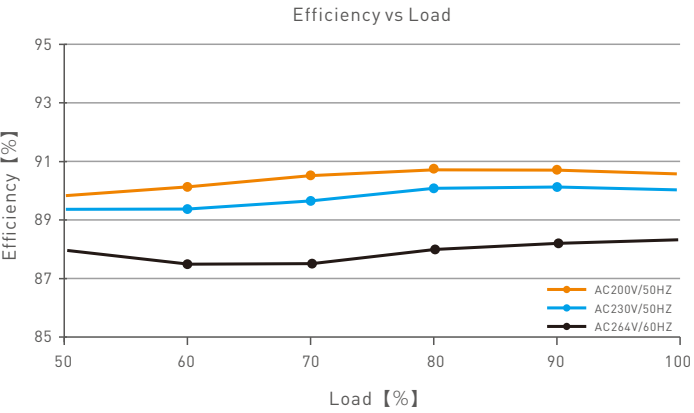


LC-75-24-G1N





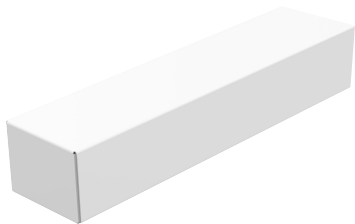
LC-75-12-G1N



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.