LTECH

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

EMC Immunity EN61000-4-2,3,4,5,6,8,11, EN61547 EMC Immunity EN61000-4-2,3,4,5,6,8,11, EN61547 Power Consumption Standby power consumption No standby mode Power Consumption Networked standby <0.5W	Model		LC-75-	48-G1N		LC-75-24-G1N	LC-75-12-G1N		
Barpat Doorner Max 1 SUA Max 3 ISA Max 3 ISA Max 4 25A Birplat Power Handle Max 7 Max 1 SUA Second Seco		Output Voltage	48Vdc (M	lax)		24Vdc (Max)	12Vdc (Max)		
Output Power Main: 7 M Main: 7 M Output Power Range 0.750 ^m Final and Source Marker Line Marker Li		Output Voltage Range	48Vdc±	0.5Vdc		24Vdc ± 0.5Vdc	12Vdc ± 0.5Vdc		
Option Province Provide Prover Function Provide Provid		Output Current	Max 1.56	.56A Max 3.125A Max 6.25A					
Image: matrix	OUTPUT	Output Power	Max. 75W						
Input Widage 202-28/Moc Frequency 50/001/2 Prequency 50/001/2 Power Factor PF-0.95/2029/sc. 16.447.4647ac Power Factor PF-0.95/2029/sc. 16.447.4647ac Th0 202/sc.2010/sc. 75.87.375.464710 Standay Paser Consumption C6.39 Virking Temperature C6.390 Standay Paser Consumption Max.0.7m A Lanage Cummert Max.0.7m A Standay Paser Consumption Virking Temperature United W Mixing Temperature United W -0.490% C1.0.9508/H Temperature Confige to the FDG temperature excelling the standard candition [VIIIC], automatically them on the databat when control to the databat when contro		Output Power Range	0-75W						
Image Operation Operation High Current 0.54/913/921, 0.56/230202, 0.64/94.042 High Current 0.54/923022, 0.56/230202, 0.64/94.042 High Current 0.59/9223022, 0.56/230202, 0.59/92 High Current 0.59/9223022, 0.56/230202, 0.59/92 High Current 0.59/92 High Current 0.59/92 High Peer Consumption 0.59/92 Peer Constring Peer Consumption 0.59/92 High Peer Consumption 0.59/92 Operating Protection 0.59/92 Solution Protection 0.59/92 Peer Constring Peer Consumption 0.59/92 Peer Constring Peer Con		Overload Power Limitation	≥102%						
Inducrement 04/2 Unit - USAJ2/SUNC + USAJ2 Power Faceo PSSIP		Input Voltage	220-240Vac						
Prover Factor Pi-0 3/2-2/Vac: (a full load) 110 69% - 22%, 25% acid liad) 110 69% - 22%, 25% acid liad) 1100 69% - 22%, 25% acid liad) 1100 61% 1100 61% 1101 61% 1		Frequency	50/60Hz						
Intention State State State State Filtion (P) 9% 9% Inval. Corrent Cold stat 4.5% Inval. Corrent Cold Stat State Inval. Corrent State State Moting Temperature State State Perform Maining Temperature State Moting Temperature State State Perform State State Pe		Input Current	0.5A/200Vac; 0.45A/230Vac; 0.4A/264Vac						
Efficiency ltyp BPSC Description of the second se		Power Factor	PF>0.95/230Vac (at full load)						
Sandity Power Consumption cddd tard AdV230/acc Test twidth =400/as under 50% lipeakl Insult Current Cdd tard AdV230/acc Test twidth =400/as under 50% lipeakl Keape Current Max. C.T Working Temperature Line.25-SPC Tr. 2905 Working Temperature Line.25-SPC Tr. 2905 Working Temperature Googna Temperature (1998) History Condition (1998) Benefature Coefficient 100.393/C 1-29-59C Second Second (1997) Overhead Protection Sout down the output when non-load voltage Static work	INPUT	THD	200Vac@THD < 22%, 230Vac@THD < 15%, 264Vac@THD < 15%						
Inruh Current Cold start 45A230/kc /Test twidth +400ks under 50% lpeakl Imruh Current Anti Surge Lex III /I Kadis Gurge Current Max 0.7m.// Werking Temperature Ei -20-50° (t = 0°C Werking Temperature 20.995 HL: non-condensing Burge Temperature Calcing 40.897/c / 0.956/k H Yerking Temperature 40.897/c / 0.956/k H Verking Temperature Calcing 40.897/c / 0.956/k H Yerking Temperature Add Social / 0.956/k H Verking Temperature Social / 0.0000/k (J / 0.0000000000000000000000000000000000		Efficiency (typ.)							
Anti Surge L-N: IN/ Leakage Current Max. 0.7m J Kerking Fungersture 52:0-50° C: 59° C Working Temperature 20-55° KSR, non-candensing ENVIRONMENT Sozage Temperature, Lurality 40-80° C. 10-95° RH Temperature Cellificant 10.95° KZ, 10-95° RH Sozage Temperature, Lurality Variation 10.95° KZ, 10-10° RH Sozage Temperature, Lurality Percentage Protection Shut down the output when non-load valuege Shut down the output when non		Standby Power Consumption	<0.5W						
Laakag Eurrent Max. 0. TmA Working Temperature 1a 20-50°C to: 90°C Working Temperature 1a 20-50°C to: 90°C EENVIRONMENT Stogaa Emperature Vandoly Googaa Emperature Coefficient 40.03%/C L-20-50°C Variant 10-5001z, 20 12min for X, Y and Z ares respectively Variant 0.02%/C L-20-50°C Wheat 0.02%/C L-20-50°C Variant Shuid down the output when non-1-load voltage Shuid down the outpu		Inrush Current							
Working Temperature tal -20-50°C C: 00°C Working Temperature 20-95%RH; non-concendensing ENVIRONMENT Starage Temperature, Conditional of the 20-95%RH; non-concendensing Temperature, Conditional of the 20-80°C, 10-95%RH Temperature, Conditional of the 20-80°C, 10-95%RH Working Temperature, Conditional of the 20-80°C, 120-95% Vibration 10-500Hz, 20 12min/Tcycle, 72 min for X, Y and Z axes respectively Overbalay Protection According to the PCB temperature exceeding the standard condition [>110°C], automatically shut down the output when non-load voltage Shut down the output when non-load voltage Shut Grow the output when non-load voltage Shut down the output when non-load voltage Shut down the output when non-load voltage Shut Grow the output when non-load voltage Shut down the output when non-load voltage Shut down the output when non-load voltage Shut Grow the output when current loads 102%, and recover automatically Whitestand Voltage VP-0/P: 3750Vac Isolation Resistance VP-0/P: 100M/OS0VC/25°C/70%RH Ence Ence Isolation Resistance VP-0/P: 100M/OS0VC/25°C/70%RH Ence Ence		Anti Surge							
Working Humidity 20-95% RH; non-condensing ENVIRONMENT Sonage Temperature Jumidity -00-80°C; 10-95% HI Temperature Coefficie 40.03%/VC 20-50°C Viranion 10.050/Hz; d2 12min/1 cycle, 2 min for X, Y and 2 axes respectively Viranion 00-070Hz; d2 12min/1 cycle, 2 min for X, Y and 2 axes respectively Overheat Protection Shut down the output when non-load voltage \$20, and recover automatically Shut down the output when non-load voltage \$20, and recover automatically Shut down the output when non-load voltage \$20, and recover automatically Shut down the output when non-load voltage \$20, and recover automatically Shut down the output when non-load voltage \$20, and recover automatically Viration Enter live:up mode if shot for:up to vortage if shot for:up to vortage automatically Shut down the output when non-load voltage \$20, and recover automatically Shot down the output when correct load\$102KS Enter live:up mode if shot for:up to vortage automatically Shut down the output when non-load voltage \$20, and recover automatically Shot down the output when correct load\$102KS Enter live:up mode if shot for:up to vortage automatically Shut down the output when non-load voltage \$20, and recover automatically Shot down the output when correct load\$102KS For vortage automatically Shut down the output when non-load voltage \$20, and recover automatically		Leakage Current							
Working Humidity 20-95% RH; non-condensing ENVIRONMENT Sonage Temperature Jumidity -00-80°C; 10-95% HI Temperature Coefficie 40.03%/VC 20-50°C Viranion 10.050/Hz; d2 12min/1 cycle, 2 min for X, Y and 2 axes respectively Viranion 00-070Hz; d2 12min/1 cycle, 2 min for X, Y and 2 axes respectively Overheat Protection Shut down the output when non-load voltage \$20, and recover automatically Shut down the output when non-load voltage \$20, and recover automatically Shut down the output when non-load voltage \$20, and recover automatically Shut down the output when non-load voltage \$20, and recover automatically Shut down the output when non-load voltage \$20, and recover automatically Viration Enter live:up mode if shot for:up to vortage if shot for:up to vortage automatically Shut down the output when non-load voltage \$20, and recover automatically Shot down the output when correct load\$102KS Enter live:up mode if shot for:up to vortage automatically Shut down the output when non-load voltage \$20, and recover automatically Shot down the output when correct load\$102KS Enter live:up mode if shot for:up to vortage automatically Shut down the output when non-load voltage \$20, and recover automatically Shot down the output when correct load\$102KS For vortage automatically Shut down the output when non-load voltage \$20, and recover automatically	ENVIRONMENT								
ENVIRONMENT Sorage Temperature,Humidity 4-0-80°-C, 10-95%RH Temperature Coefficient 40.03%/°C (-20-50°C) Vibration 10-500%L, 26 2 min/1cyCe, 72 min for X, Y and Z axes respectively Overheat Protection According to the PCB temperature exceeding the standard condition [5110°C], automatically shut down Overheat Protection Shut down the output when non-load voltage Shut down the output when non-load voltage Shut, and recover automatically Shut down the output when non-load voltage Shut, and recover automatically Shut down the output when non-load voltage Shut, and recover automatically Shut down the output when non-load voltage Shut, and recover automatically Overhoat Protection Shut down the output when current loads 102%, and recover automatically Shut down the output when non-load voltage Shut, and recover automatically Shut down the output when non-load voltage Shut, and recover automatically Shut forunt Protection Shut down the output when current loads 102%, and recover automatically Shut down the output when non-load voltage Shut, and recover automatically Shut forunt Protection CCC China GB19510.16819510.14 Ture TUW GCC China GB19510.16819510.14 CCC CR TUW GCC China GB19510.17.16201347-2-13 CR Recover automatically <t< td=""><td></td><td colspan="7"></td></t<>									
Temperature Coefficient 40.03%/°C 1-29-50°C1 Vibration 10-500Hz, 26 12min/tcycle, 72 min for X, Y and Z axes respectively Overhead Protection According to the PCB temperature exceeding the standard condition [110°C], automatically shut down the output when non-load voltage 560, and recover automatically Shut down the output when non-load voltage 560, and recover automatically Shut down the output when non-load voltage 560, and recover automatically Shut down the output when non-load voltage 560, and recover automatically Shut down the output when non-load voltage 560, and recover automatically Overhead Protection Shut down the output when current toads 102%, and recover automatically Shut down the output when non-load voltage 560, and recover automatically Shut down the output when non-load voltage 560, and recover automatically Shut Gown the output when non-load voltage Shut down the output when non-load voltage 560, and recover automatically Shut down the output when non-load voltage 560, and recover automatically Vibration Resistance //P0/P: 100M0/500VOC/25°C/70% RH UV OV Vibration Resistance Vibration Resistance 1/V Ge CC Nina GB19510.164 Turve Second 200 Safety Slandards CC Nina GE19510.72.15.166347-1.201347-2-13.200429384 Turve Second 200 Second 200		· ·							
Vibration 10-50Hz, 26 12min/tcycle, 72 min for X, Y and Z axes respectively PROTECTION Overheat Protection According to the PCB temperature exceeding the standard condition [s110°C], automatically shut down the output when non-load voltage s289, and recover automatically Shut down the output when non-load voltage s289, and recover automatically Shut down the output when non-load voltage s289, and recover automatically Overhoad Protection Shut down the output when current loads 102%, and recover automatically Shut down the output when non-load voltage s289, and recover automatically Shut down the output when non-load voltage s289, and recover automatically Vier load Protection Shut down the output when current loads 102%, and recover automatically V/P-0/P: 3750Vac Vier load Protection Shut down the output when non-load voltage s180, and recover automatically Shut down the output when non-load voltage s280, and recover automatically Vier load Protection Shut down the output when non-load voltage s180, and recover automatically Shut down the output when non-load voltage s280, and recover automatically Vier load Protection Shut down the output when non-load voltage s180, and recover automatically Shut down the output when non-load voltage s280, and recover automatically Vier load Protection Enter File Protection Enter File Protection Enter File Protection CCC China									
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LTECH

Product Size

Unit: mm



Wiring Diagram



Protective Housing Drawings



1. Prepare a screwdriver with a 0.6mm bit.



2. Pry up the protective housing in the side plate position with a tool.



 Pry up the side edge of the tension plate with a tool to remove it.



 Use a screwdriver to connect electrical wires as wiring diagram shows.



 Press down the tension plate to fix the electrical wires.



6. Close the protective housing.



Installation Precautions



Please do not stack the products. The distance between two products should be>15cm 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 ≥15cm so as not to affect heat dissipation and shorten the lifespan of the products.

Relationship Diagrams



LC-75-24-G1N















Packaging Specifications

. 60 . 70

Load 【%】

80

. 90

8 5 50

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	0.26 kg/PC; 8.6 kg/Carton

100



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.



Update Log

Version	Updated Time	Update Content	Updated by
A1	2021.12.10	Update product silk screen	Liu Weili
A2	2022.09.28	Update packaging specifications	Liu Weili