Version 1.0 | Specifications are subject to change without notice.

Constant Voltage Dimmable LED Driver

Output		
DC Voltage	24V	
Voltage Accuracy	±0.5V	
Voltage Regulation	±0.5%	
Rated Current	6.25A	
Load Regulation	±1%	
Rated power	150W	256
Input		244
Input Voltage Range	100-277VAC	
THD (Typ. @ Full Load)	<20%	78 43 ⇒
AC Current (Max.)	1.8A/110VAC	
Frequency Range	47~63Hz	5
Inrush Current	47~05ПZ 15А, 50%, 1.4ms @120VAC, 30А, 50%, 1.4ms@277VAC	
Leakage Current	<0.50mA	47 200
Power Factory (Typ.)	0.97@120VAC , 0.94@277VAC	150W 200W 12V Version
Efficiency (Typ. @ full load)		
Protection	85% @ 120VAC / 87% @ 277VAC	
Over temperature	$100^{\circ}C \pm 10^{\circ}C$ shuts down o/p voltage	up automatically recovers after cooling
Short Circuit	100°C±10°C shuts down o/p voltage, automatically recovers after cooling Shuts down o/p voltage, re-power on to recover after fault condition is removed	
Over Loading	≤120% constant current limiting, auto-recovery	
Environment		
Working Temp.	40°E - 140°E (-40°C 60°C) - coc	ling by free air convection
Working Humidity	-40°F ~ 140°F (-40°C ~ +60°C) - cooling by free air convection 20-90% RH, Non-Condensing	
Storage Temp	-40°F ~ 176°F(-40°C ~ 80°C) - Humidity 10~95% RH	
Temp. Coefficient	$\pm 0.03\%$ (°C (0°C-50°C)	
Vibration	10-500Hz, 2G 10min / 1 cycle perio	d for 60min, each along XXZ avec
Safety & EMC	10-500Hz, 2G TOHIH / T Cycle perio	d for oomin. Each along A, 1,2 axes
Safety standards	UL8750, CAN/CSA-C22.2 No. 250.13	
Withstand voltage	I/P-O/P: 1.88KVac	
Isolation resistance	I/P-O/P 100MΩ/500VDC/25°C/70%	BH
EMC Emmission	FCC 47 CFR Part 15, Subpart B	INT
Other Info		
Weight	Approx 15Kg	
Enclosure Size (LxWxH)	Approx. 1.5Kg 7.4″ x 3.72″ x 1.57″ (256mm x 78mm x 47mm) (L*W*H)	
Packaging Warranty	10pcs /CTN	
Features	7 Years - Limited Coverage Built-in PFC Function (PF>0.99)/ Dimming range: 0~100%/ Load: 10-100% / For dry, damp, and wet locations	
	0-10V/1-10V/Potentiometer/10V PWM/Phase-Cut (forward phase, reverse phase/MLV, ELV, TRIAC)	
Dimming	0-100/1-100/Potentiometer/100 P	www.rnase-Cul (forward phase, reverse phase/MLV, ELV, TRIAC)

*Notes:

1. All parameters NOT specially mentioned are measured at 120VAC input, rated load and 25°C of ambient temperature.

2. Tolerance: includes set us tolerance, line regulation and load regulation .

3. The power supply is considered as a component that will be operated in combination with final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufactures must be qualify EMC Directive on the complete installation again.



UNITED STATES

Pacific Business Center 1075 American Pacific Dr., Ste. A Henderson, NV 89074

CANADA

264 Botsford Street, Suite 200 Moncton, NB E1C 4X7

UNITED KINGDOM | DISCLAIMER

Unit 21. The Old

Gravesend,

Rectory, Northfleet,

GLLS, reserves the right to make any design changes for continuous improvement which will not affect the overall appearance or performance.

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WEBSITES

Version 2.0 | Specifications are subject to change without notice.

- Input cable 3*18AWG, the green cable to (FG) "Black" to L, and "White" to N of Mains AC
- Output cable 2*16AWG, "Red" (+) to LED Positive side (+), "Black"(-) to LED Negative side (-).
- Dimming cable 2*18AWG, DIM (+) Purple to 0/1-10V dimmer signal(+), DIM (-) Grey to 0/1-10V dimmer signal (-).
- Please DO NOT connect "DIM-" to "LED-", "DIM+" to " LED+", or other incorrect connection.
- Please make sure your connect these correctly otherwise your product will not function correctly and could be damaged.

Using TRIAC/Phase Cut dimming

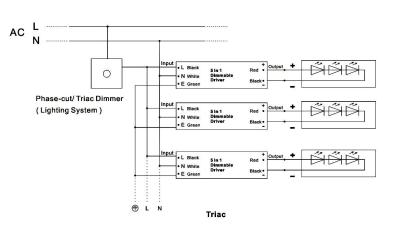
1. The Pulse-Width Modulation (PWM) output voltage can be adjusted through the input terminal of the AC phase line (L) by connecting a phase/TRIAC dimmer (lighting system).

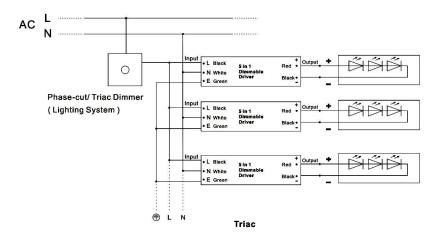
2. Works with forward phase/leading edge, MLV and reverse phase/trailing edge, ELV, and TRIAC dimmers.

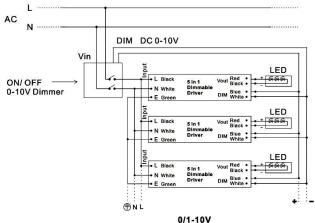
3. Please try to use dimmers with power at least 1.5 times the output power of the driver.

4. Min loading is about 10%.

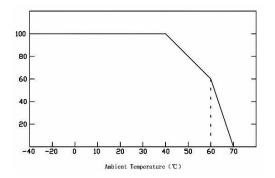
Using 1-10 / 1-10V dimming







Derating Curve



Load carried in accordance with the derating curve, according to the ambient temperature, in order to extend the working life.

Instructions

1. This driver should be installed by a qualified and professional person;

2. Make sure the driver is installed with adequate ventilation to allow for heat dissipation;

3. Ensure all wiring is correct before testing in order to avoid light and power supply damage;

4. If the dimmable LED drivers do not perform normally, do not maintain privately. Contact us at: support@glls.com or 1-888-580-6366

5: Websites: www.glls.com or www.ledneonflex.com

DISCLAIMER



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