

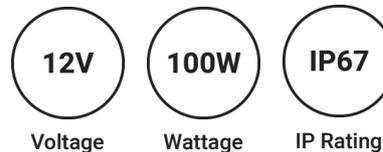


## LEDTech TRIAC Dimmable LED Driver 100W 12V 8.33 Amp IP67

### Features & Benefits

- ✓ Ideal for powering 12V Dimmable LED Lighting products
- ✓ Recommended load 75W
- ✓ 273.4 x 78 x 46mm
- ✓ Highly efficient
- ✓ We recommend using a dimmer that is rated 1.5 x the driver value, so for this unit please make sure that the dimmer switch used is rated at a minimum of 150W

### Quick Specs



Voltage

Wattage

IP Rating

### Full Specification

Product code	101.107	
Rated Output Voltage	12VDC	
Rated Output Current	8.33A	
Rated Output Power	100W	
Output Voltage Tolerance	±0.5V	
Output Voltage Regulation	±0.5%	
Output Load Regulation	±1%	
Input Voltage Range	110-277 VAC	
Input Frequency Range	47-63Hz	
Input Power Factor (Typ.) @ Full Load	0.99 @ 120VAC	0.96 @ 277VAC
Input THD (Typ.) @ Full Load	<20% @ 120VAC & 277VAC	
Input Efficiency (Typ.) @ Full Load	85% @ 120VAC	87% @ 277VAC
Input AC Current (Max.)	1.7A @ 110VAC	
Input Inrush Current (Typ.)	15A, 50%, 1.4ms @ 120VAC	30A, 50% 1.4ms @ 277VAC
Input Leakage Current	<0.5mA	
Protection Short Circuit	Hiccup Mode. Recovers automatically after fault condition is removed	
Protection Over Loading	≤120% Hiccup Mode. Recovers automatically after fault condition is removed	
Protection Over Temperature	100°C±10°C Shut Down o/p Voltage. Automatically recover after cooling	
Working Temperature	-40~+60°C	
Working Humidity	20~90% RH, non-condensing	
Storage Temperature Humidity	-40~+80°C, 10~95% RH	
Temperature Co-efficient	±0.03%/°C (0~50°C)	
Vibration	10~500Hz, 5G 10min./1 cycle, period for 60min each along X, Y, Z axis	

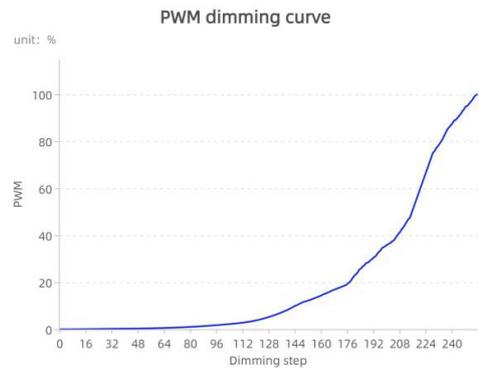
# LED Technologies

Creative LED & Effect Technology for the Trade Professional

Safety Standards	UK CA, CE
Net. Weight	1.6KG
Product Dimensions	273.4 x 78 x 46mm (L x W x H)
Packing	10pcs/CTN      Size: 340 x 290 x 190mm (L x W x H)

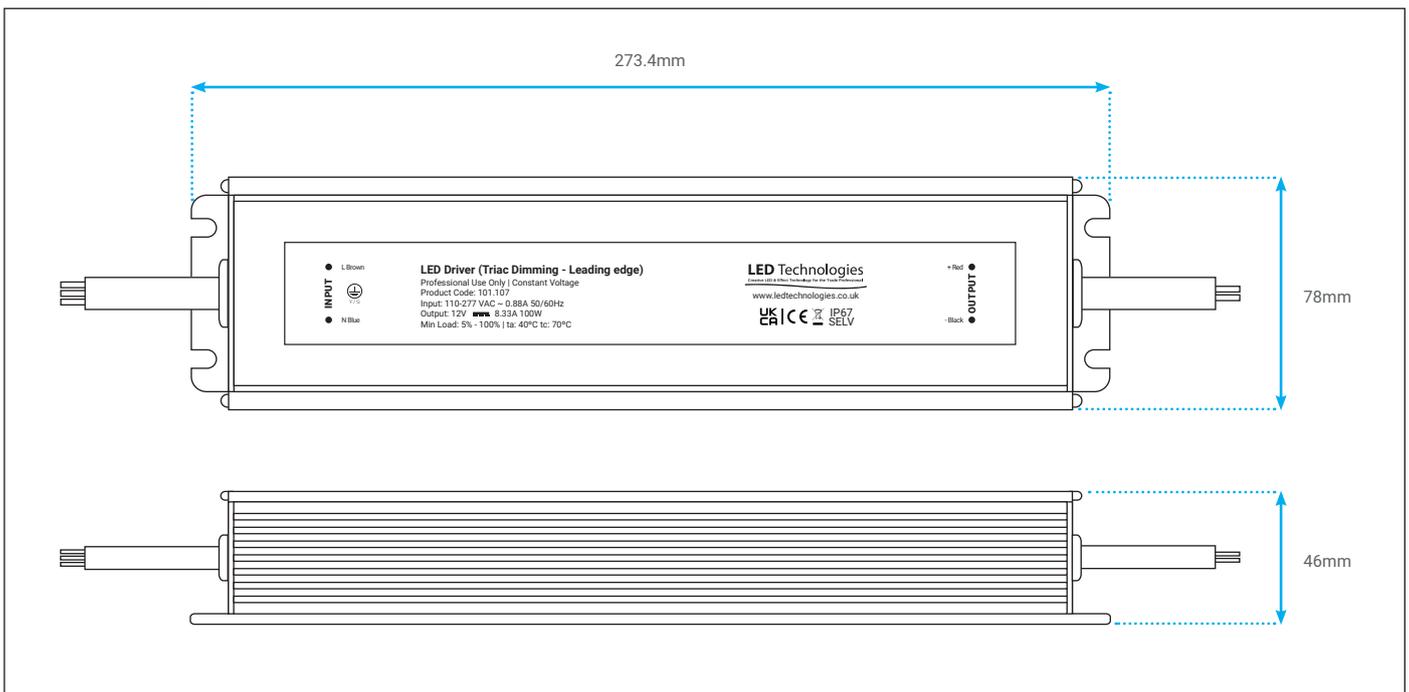
## Notes:

1. All parameters if NOT specially mentioned are measured at 120V AC input, rated load and 25°C of ambient temperature
2. To extend the drivers life, please reduce the loading at lower input voltage



## Schematic Drawing

Units: mm



## Technical Support

If you require any technical support or have an enquiry, please do not hesitate to contact one of our LED technical experts on the contact information provided below.

**Telephone:** 01260 540014      **WhatsApp:** 07752 027456

**Opening times:** Mon-Thur: 8:30am - 5:00pm / Fri: 8:30am - 4:30pm

[www.ledtechnologies.co.uk](http://www.ledtechnologies.co.uk)

The above data are typical values and may vary +/- 10%.  
Colour temperatures may vary up to +/- 10%

**We reserve the right to change specifications without notice - E&OE.**

