



LEDTech TRIAC Dimmable LED Driver 30W 12V 2.5 Amp IP20

Features & Benefits

- ✓ Ideal for powering 12V Dimmable LED Lighting products
- ✓ Recommended load 25W
- ✓ 158 x 54 x 20mm
- ✓ 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 45W

Quick Specs

12V	30W	IP20
Voltage	Wattage	IP Rating

Full Specification

Prouct code	101.109	
Rated Output Voltage	12VDC	
Rated Output Current	2.5A	
Rated Output Power	30W	
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	0.98 @ 277VAC
Input THD (Typ.) @ Full Load	<20%	
Input Efficiency (Typ.) @ Full Load	79% @ 120VAC	80% @ 277VAC
Input AC Current (Max.)	0.35A @ 100VAC	
Input Inrush Current (Typ.)	7A, 50%, 420us @ 120VAC	12A, 50% 480us @ 277VAC
Input Leakage Current	<0.5mA	
Protection Short Circuit	Shut Down o/p voltage, re-power to recover 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	

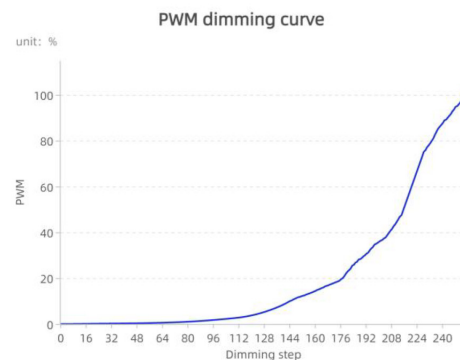
LED Technologies

Creative LED & Effect Technology for the Trade Professional

Safety Standards	UK CA, CE
Net. Weight	1.6KG
Product Dimensions	158 x 54 x 20mm (L x W x H)

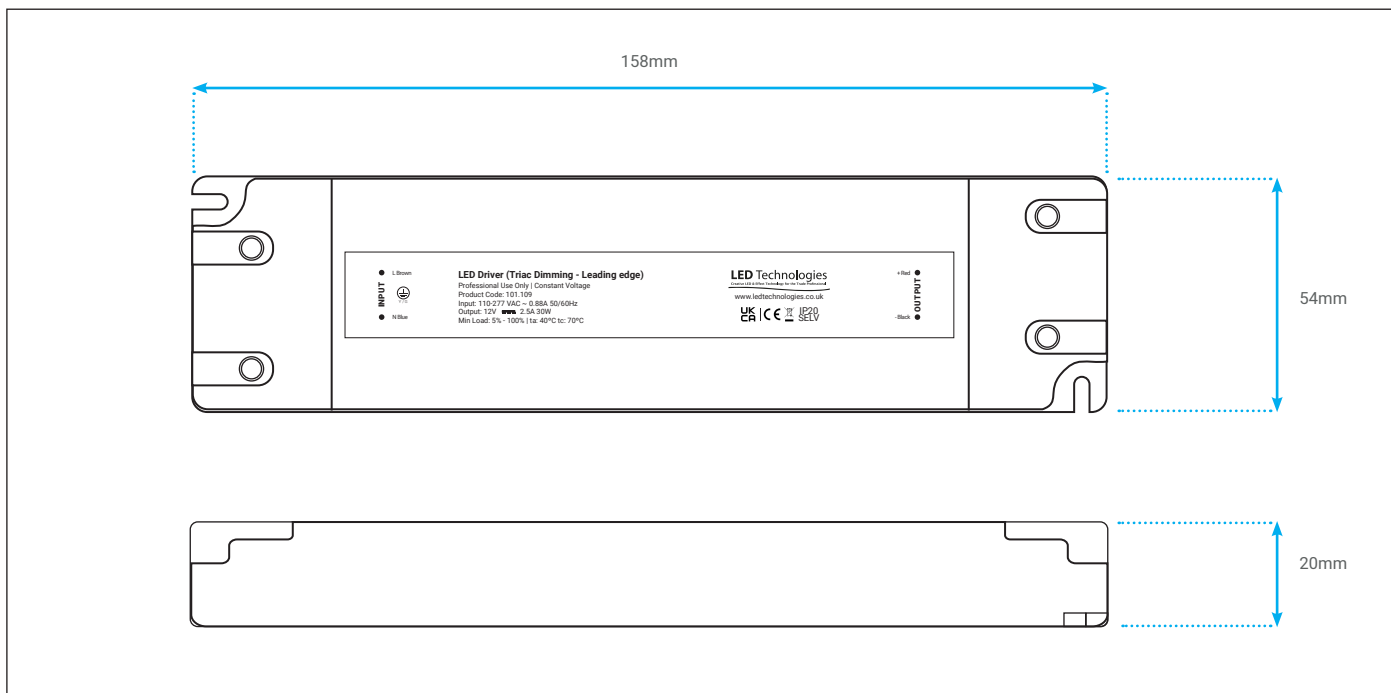
Notes:

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

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.

