LED Technologies
Creative LED & Effect Technology for the Trade Professional

LED Tech

# NEOLINEAR |200W 24V LED Driver




## Features & Benefits

- Ideal for powering our NEOLINEAR Range
- Recommended load 150W
- 236 x 68 x 39mm
- Highly efficient
- The driver has inbuilt safety functions including Short Circuit, Over Voltage and Over Temperature Protection

## Quick Specs

| 24V | 200W | IP67 |
|---|---|---|
| Voltage | Wattage | IP Rating |

## Full Specification

| | |
|---|---|
| **Prouct code:** | 100.914 |
| **Output Rated Current:** | 8.33A |
| **Output Voltage Accuracy:** | ±3V |
| **Output Voltage:** | 24V |
| **Output Rated Power:** | 200W |
| **Output Efficiency:** | 89% |
| **Output Frequency Range:** | 47~63Hz |
| **Input Voltage Range:** | 170-277 VAC |
| **Input Full Load Efficiency (Typ.):** | 89% |
| **Input AC Current (Typ.):** | 0.83A ~ 2.5A |
| **Input THD @ Full Load:** | <V5%(Full load) |
| **Input Inrush Current:** | Cold Start at 70A/230VAC, Input at Ta: 25 cold start |
| **Input Leakage Current:** | <0.5mA at 230VAC, 60Hz Input |
| **Protection Short Circuit:** | Hiccup Mode. Recovers automatically after fault condition is removed. |
| **Protection Over Temperature:** | 85°C±10°C (Shut down O/P voltage, re-power on to recover) |
| **Protection Over Voltage:** | 110% ~ 130% (Shut down O/P voltage, repower on to recover) |
| **Working Temperature:** | -25 ~ +50°C |
| **Working Humidity:** | 20 ~ 90% RH |
| **Vibration:** | 10 ~ 500 Hz, 5G 10min./1 Cycle, period for 60min each along X, Y, Z axis |
| **Safety Standards:** | UK CA, CE |

Continued overleaf

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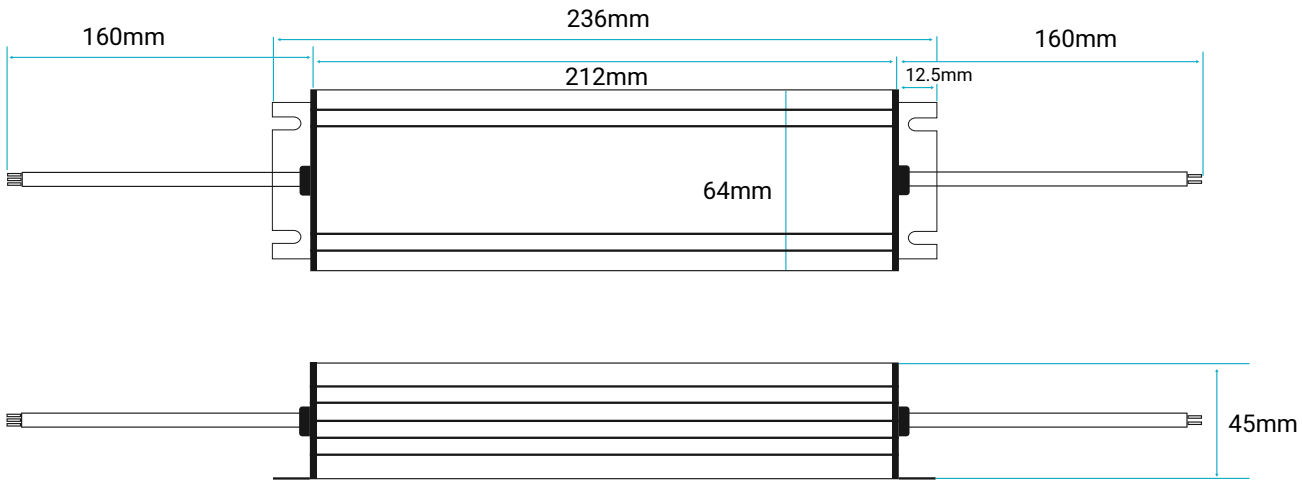
| | |
|---|---|
| **Withstand Voltage:** | I/P-O/P: 3KVAC, IP-FG:1.5KVAC, OP-FG: 500VAC |
| **Isolation Resistance:** | I/P-O/P IP-FG OP-FG: 100M Ohms/500VDC / 25°C / 70% RH |
| **Weight:** | 1.1KG |
| **Size:** | 212 x 64 x 45mm (L x W x H) |
| | |

Notes:

1. All parameters if NOT specially mentioned are measured at 220V AC input, rated load and 25ºC 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 of have an enquiry, please do not hesitate to contact one of our LED technical experts on the contact information provided.

**Telephone: 01260 540014**

**Website: www.ledtechnologies.co.uk**

The above data are typical values and may vary +/- 10%.
**We reserve the right to change specifications without notice - E&OE.**

UK CA | CE | RoHS Compliant