


mackwell®
 LIGHT THE WAY

**DRIVERS & LED
SOLUTIONS DIVISION**

MACKWELL LED DRIVERS

MLD-SCC-33-350/700

MLD LED driver, constant current, 33W, 350/700mA (switchable), 48V

Mackwell LED Drivers utilise quasi-resonant technology, which ensures higher efficiency levels are maintained across a wider voltage range.

The switchable models provide the added flexibility to switch between different currents during the installation stage.

All drivers are UK designed and manufactured, incorporating premium grade components as standard. The use of these components ensures all drivers maintain a high power factor and low operating temperatures.

All drivers are housed in a robust white plastic case and include 1-7mm cable clamping as standard.

KEY FEATURES

- Switchable between 350 mA and 700 mA
- Up to 88% operating efficiency
- 0.96 power factor
- 1-7mm secure cable clamping
- Double insulation (Class II)
- Short circuit protection
- Open circuit protection
- Over temperature protection
- Mains surge protection
- Automatic thermal cut-out
- UK designed and manufactured

SPECIFICATION

OUTPUT
WATTAGE
 33 watts
CURRENT
 350 mA or 700 mA
VOLTAGE RANGE
 9 to 48 Volts

INPUT
EFFICIENCY
 88% at full load
POWER FACTOR
 0.96 at full load
VOLTAGE
 198 to 265 Vac
FREQUENCY
 50/60 Hz

PROTECTIONS
 Mains surge
 Over load
 Open circuit
 Short circuit
 Thermal cut-out

DIMENSIONS
 186mm x 31.7mm x 32.5mm

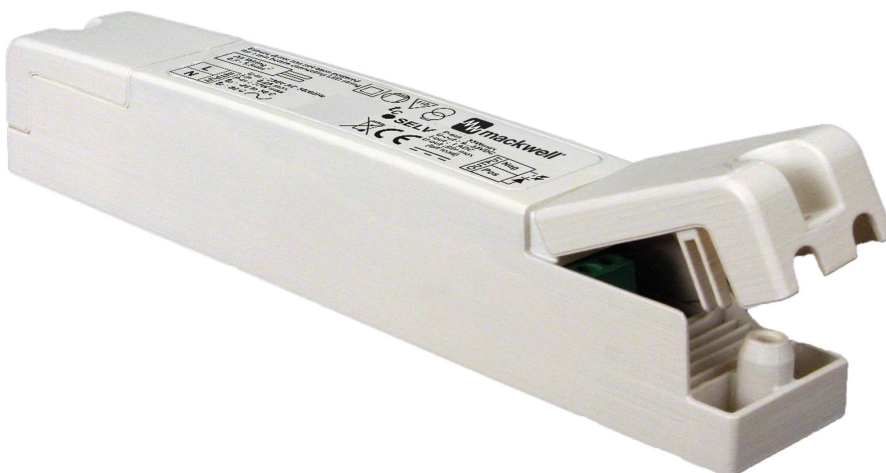
WEIGHT
 120g

ENVIRONMENTAL CONDITIONS

OPERATING TEMPERATURE
 -20°C to +50°C
STORAGE TEMPERATURE
 -30°C to +70°C
RELATIVE HUMIDITY
 95% non-condensing
DEGREES OF PROTECTION
 PROVIDED BY ENCLOSURES
 IP 40

ELECTRICAL TESTING STANDARDS

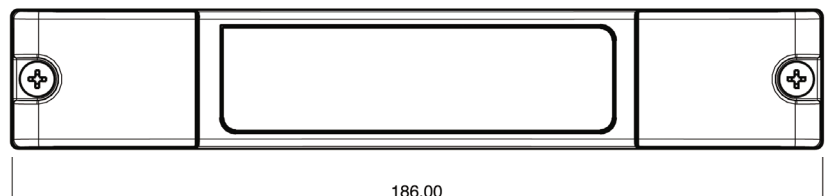
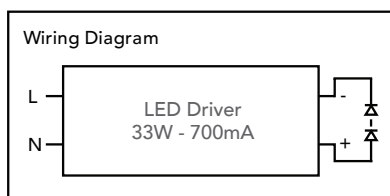
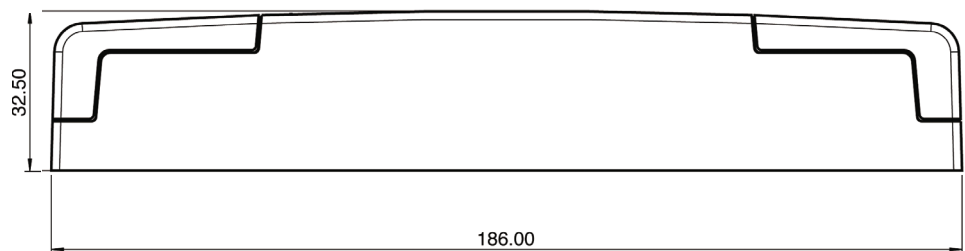
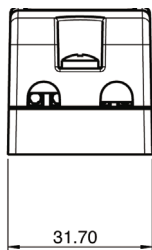
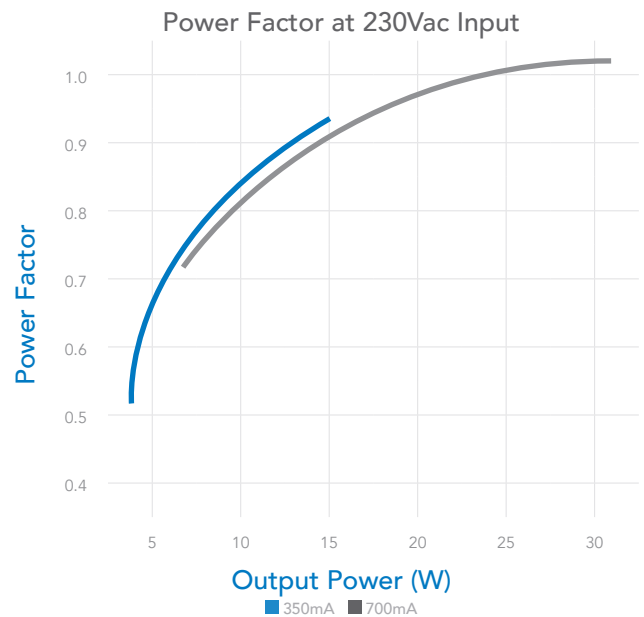
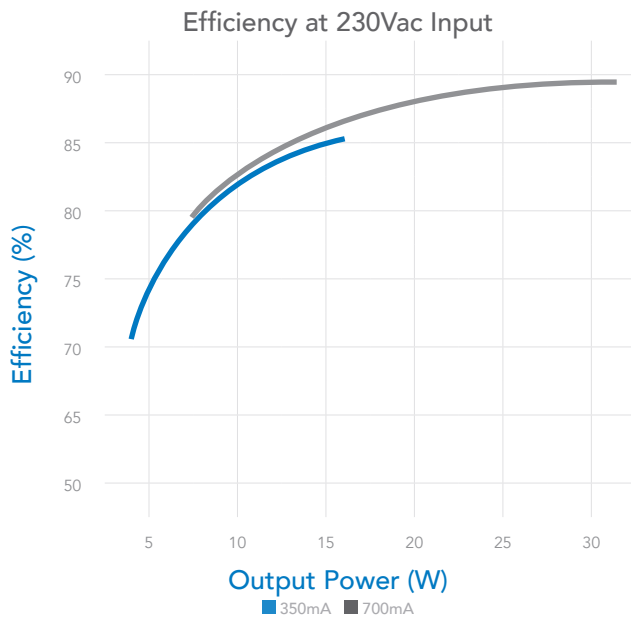
EN61347-2-13
 EN60950
 EN61547
 EN62384:2006
 EN60068-2-1,2,30,78
 EN55015:2006 + A2:2009
 EN61000-3-2



MACKWELL LED DRIVERS

MLD-SCC-33-350/700

MLD LED driver, constant current, 33W, 350/700mA (switchable), 48V



APPLICATION NOTES

- Ensure the mains has been disconnected from the driver for at least 1 minute before connecting to the LEDs.
- Do not connect Live and Neutral to the LED output terminals.
- Ensure LED QTY usage is within the recommended guidelines of the driver.

Mackwell maintains a policy of continuous development and reserves the right to change the details shown on this data sheet without prior notice. The contents are intended for guidance only.

Company Reg No: 1414873. VAT Reg No GB330230618

UK MANUFACTURED 

email. sales@mackwell.com

www.mackwell.com

tel. +44 (0) 1922 458 255

Vigo Place, Aldridge, West Midlands, WS9 8UG, England