

LEDdrive

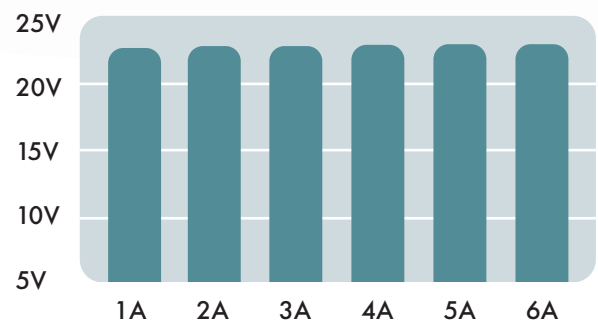
Giga-150



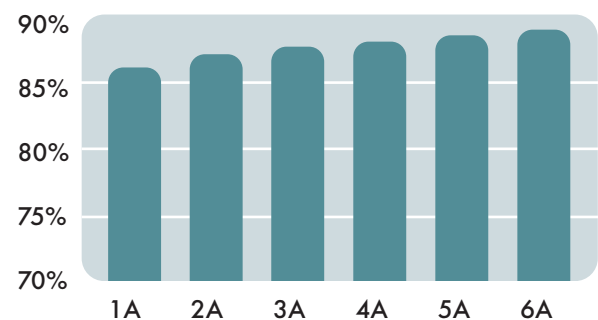
The Giga-150 is part of the LEDdrive range from Mode Lighting. It is a mains dimmable constant voltage power supply unit designed to drive 24V constant voltage LEDs.

All LEDdrive power supplies are dimmable by both leading and trailing edge dimmers (subject to a minimum load). This model provides a constant voltage of 24V with a parallel output current from 0.625Amps to 6.25Amps.

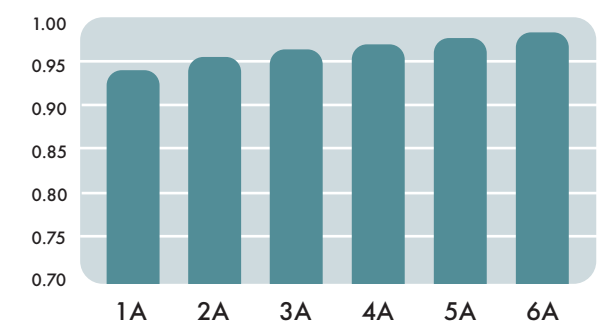
Voltage



Efficiency



Power Factor

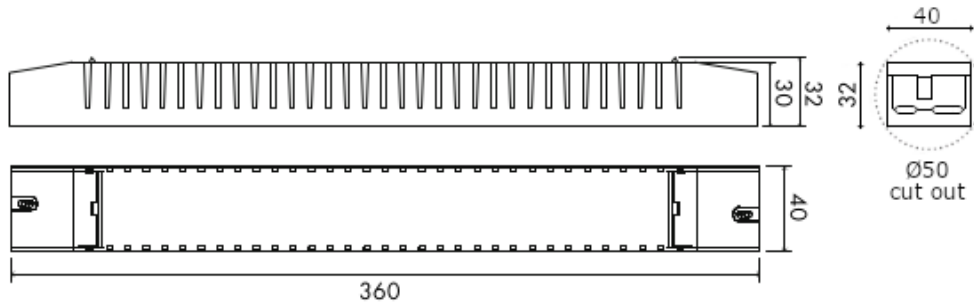


- ▶ 24V constant voltage output.
- ▶ Mains dimmable.
- ▶ High power factor.
- ▶ Short circuit and open circuit protection.
- ▶ High efficiency which ensures a cool operating temperature.
- ▶ Flame retardant polycarbonate enclosure.
- ▶ Compact size suitable for \varnothing 50mm cut-out.
- ▶ Five year guarantee.
- ▶ Compliant to UK and EC EMC and Low Voltage Directives.
- ▶ Low audible noise throughout the dimming range.



Wiring Detail

Dimension(mm)



Wiring Diagram



This product should be mounted in a well ventilated position and should not be covered by insulating materials. Installation should be in accordance with the relevant National Wiring Regulations and other applicable Regulations. Compliance with the UK and EC EMC and LV Directives may be invalidated if not used or installed according to the published specification.

Technical Data

Mains Input Voltage	230 Volt +/- 10%, 50/60Hz
Mains Input Current	0.85 Amp Maximum
Input Connections	Live and Neutral Terminals
Power Factor at Full Load	0.98 Typical
Efficiency at Full Load	90% Typical
Mains Protection	4KV Fast Transient, 2KV Surge
Input-Output Isolation	SELV
Ambient Temperature (Ta)	40°C Maximum
Case Temperature	90°C Maximum
Humidity	95% Maximum Non-Condensing
Minimum Output Load	15W
Maximum Output Load	150W
Output Voltage	24V
Enclosure	White Polycarbonate ~Cable Restraint End Caps
Dimensions	40mm (width) x 32mm (height) x 360mm (length)
Minimum Cut Out	Ø 50mm
Fixings	Fixing centre 325mm, 24mm
Output Connections	2x (+) 2x (-) Screw Terminals for 1.0 to 1.5mm ²
Weight	500g
Standards	EN55015 EMC Emission, EN61547 EMC Immunity, EN61347-2-13 Electrical Safety, EN62384 Performance, EN62493 Electromagnetic Fields

Installation should be in accordance with the relevant National Wiring Regulations and other applicable Regulations. Compliance to EC EMC and Low Voltage Directives may be invalidated if not used or installed according to the published specification. Products should be located in well ventilated areas and should not be covered or enclosed by insulating materials. Mode reserve the right to amend the product specification or design at any time and without notice.



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