

# Load Adapter



When using traditional phase-cut dimming technology with dedicated or retrofit LED solutions the performance of the lamps can have a dramatic impact on the dimming stability.

The LA-00-01 Load Adapter has been designed to improve the operation of circuits to aid the use of retrofit LED lighting in legacy installations.

Designed to stabilise lightly loaded dimming or switching circuits using LED or other energy efficient light sources. The Load Adapter is able to present itself as a traditional load to the dimmer whilst only consuming a small amount of power during operation.

## Key Features

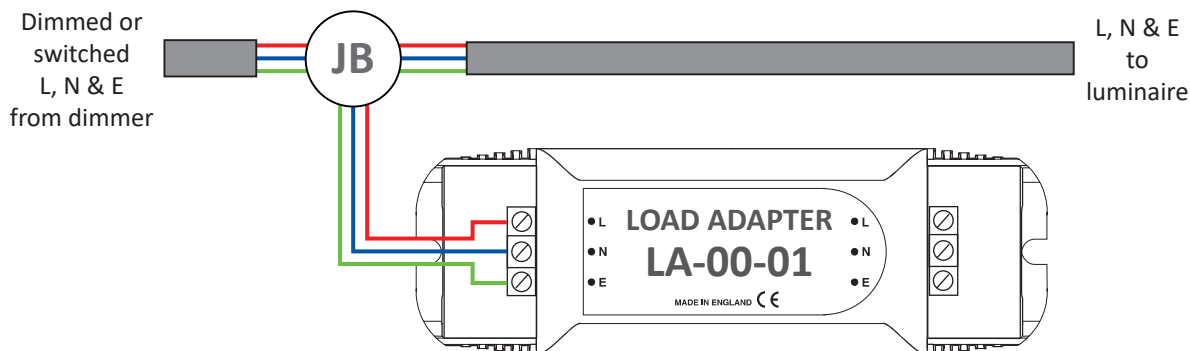
- » Separate IN/OUT connections for easy installation.
- » Terminal Clamps and Covers for remote inline installation.
- » 10A maximum rated connected load for through connections (derate for LED loads).
- » UL94-V0 flame retardant moulded enclosure.
- » Complies with EC EMC and Low Voltage Directives (CE).
- » 2 year warranty.



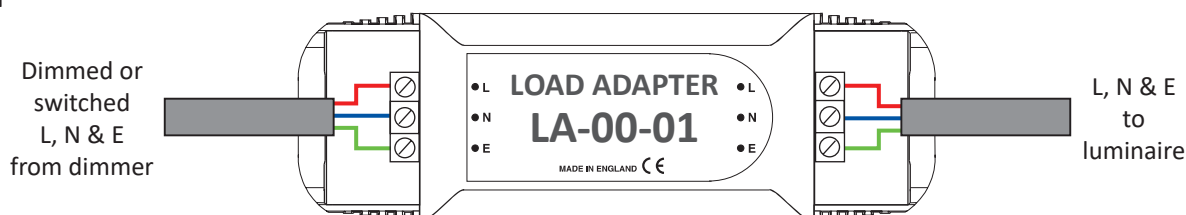
MIRAGE  
by Mode

## System Architecture

### Spur Wired



### Inline Wired



Installation should be in accordance with the relevant National Wiring Regulations and other applicable Regulations. Compliance with EC EMC and Low Voltage Directives may be invalidated if not used or installed according to the published specification.

The Load Adapter should be installed in a well ventilated area and should not be covered or enclosed by insulating materials.

## Technical Data

Power	
Mains Input Voltage	» 230V AC +/- 10% 50/60Hz
Mains Input Current	» 0.1A maximum
Mains Protection	» 4KV fast transient, 2KV surge
Connections & Cable Specifications	
Input Connections	» 1 x live, 1 x neutral, 1 x earth, screw terminals for 0.5 to 2.5mm <sup>2</sup>
Output Connections	» 1 x live, 1 x neutral, 1 x earth, screw terminals for 0.5 to 2.5mm <sup>2</sup>
Power Factor at Full Load	» 0.96 typical
Efficiency at Full Load	» 95% typical
Ambient Temperature (Ta)	» 40°C maximum
Case Temperature (Tc)	» 90°C maximum
Humidity	» 95% maximum non-condensing
Enclosure	» White polycarbonate UL94-V0 IP20
Mechanical	
Standards	» EN55015, EN61547, EN61000-3-2, EN61000-3-3, EN61347-2-13
Dimensions	» 49mm High x 150mm Wide x 35mm Deep (Fits through a 50mm cutout)
Weight	» 0.08kgs

**Note**

For additional technical information refer to Installation Guide LA-00-01.

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LA-00-01 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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