

This product should be installed by a competent person (e.g. a qualified electrician) in accordance with this instruction and the relevant clauses of the current edition of the IEE Wiring Regulations (BS 7671: Requirements for Electrical Installations) and appropriate statutory regulations.

INSTALLING THE LIGHT DIMMER

1. Switch OFF the power supply circuit at the switchboard and make sure dimmer is isolated.
2. Disconnect and remove the existing wallplate.
3. Connect the wires to the Light Dimmer as recommended.
4. Once installation is complete, you might need to set up minimum brightness and maximum brightness as instructed in this instruction sheet.

NOTES FOR THE INSTALLER

1. Do not use a "megger" to test the circuit in which the light dimmer is connected.
2. This dimmer is not suitable for use with ceiling exhaust or sweep fans.
3. This dimmer may be used in conjunction with electronic transformers, so long as they are marked as suitable for use with trailing edge dimmers.
4. We do not recommend that this light dimmer be used in light fittings where the incandescent globes are in an upright position. If the globe fails in an upright position, as in some chandeliers and candelabra, the filament can fall into the cap and short circuit the lamp contacts - destroying the light dimmer.
5. The light dimmer is not suitable for use with fluorescent lights.
6. Multiple dimmers CANNOT be connected in parallel or series to control the same load from different locations.

PROTECTION

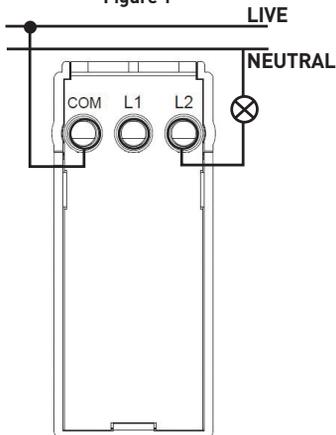
Thermal overload compensation. Automatically reduces lamp brightness if overloaded. Overload should be avoided. The dimmer works with most brands of low voltage halogen lighting supplied by electronic transformers and LED lighting where these are specified as suitable for use with trailing edge dimmers.

POWER RATING

One or more light globes may be controlled by the light dimmer providing they do not exceed rated total maximum load of dimmer.

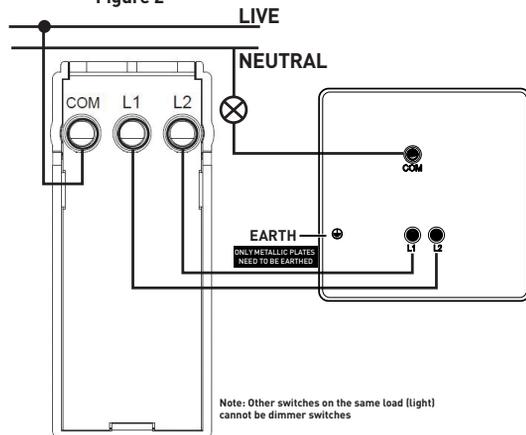
ONE WAY CONNECTION

Figure 1



TWO WAY CONNECTION

Figure 2



Note: Other switches on the same load (light) cannot be dimmer switches

RADIO SUPPRESSION

This Light Dimmer is designed to limit radio interference and is EMC compliant however it is not advisable to install the Light Dimmer in close proximity to sensitive audio equipment.

BRIGHTNESS SETTING

There might be flickering at minimum or maximum end of dimming range, you might need to do factory reset and adjust your desired minimum setting to improve the performance.

Reset the minimum brightness level

1. Switch on the light and set the dimmer knob to the MINIMUM position (Fully anti-clockwise).
2. Push the knob for 8 times (Once every second).
3. The brightness of the light will ramp up and down twice which indicates that the dimmer is in CONFIGURATION MODE, after that the light might stay at low brightness level or go OFF.

Set the minimum brightness

1. After reset, slowly turn the knob to adjust the desired MINIMUM brightness level.
2. Push the dimmer knob 4 times with one second interval in between, the light will blink one time. This indicates that it has saved the minimum brightness setting.

OPERATING INSTRUCTIONS ON/OFF

Press the knob to change the state of the switch from OFF to ON position and vice versa.

ADJUSTING THE DIMMER

Rotate the knob anti clockwise to increase the intensity of light and clockwise to reduce it.

SPECIFICATIONS

Operating Voltage	220-240 V~
Frequency	50 Hz
Maximum Load	150W
Minimum Load	5W
Dimming Mode	Trailing Edge
Control Method	Two way
 Dimmable LED lamps	5-100W
 LV Halogen lighting with electronic transformers	5-150W
 Incandescent lighting, MV Halogen lamps	5-150W
Terminal capacity	1 x 2.5mm ² 2 x 1.5mm ² 2 x 1mm ²

WARRANTY

Products are protected by warranty against manufacturing defects for a period of 12 months from the date of purchase or delivery, including against defects in production, materials and workmanship.

In the event of a problem with the product within the warranty period please return it to your nearest store. If the item is shown to have an inherent defect present at the time of sale the store will, at its discretion, provide you with a replacement. If we are unable to repair or replace a defective product, we will refund the purchase price of the defective product in part or in full.

This warranty does not cover the product where the fault is due to you or any third parties misuse, abuse, neglect, use in contravention of any oral or written instructions as to the storage, installation, commissioning, use or maintenance of the product, or where the product has been the subject of unauthorised modifications or alterations without our prior written consent, including the use of unauthorised spares, or has been the subject of commercial use. For the avoidance of doubt, the exclusions in this paragraph apply to any defect arising as a result of fair wear and tear, willful damage, negligence or abnormal working conditions, or where products differ from their description as a result of changes made to ensure they comply with applicable statutory or regulatory standards.

The terms of this warranty shall apply to any repaired or replacement product we supply and the 12 month warranty period is treated as continuing as if the repaired or replacement product was supplied at the original date of purchase.

Your statutory rights remain unaffected and nothing in this warranty shall limit or exclude our liability for any rights you have under the Consumer Rights Act 2015. If any part of this warranty is deemed unenforceable (including any exclusion of liability) the enforceability of any other parts of this warranty will not be affected.

Please retain for future reference.

Arlec Electrical Company Limited

Arlec's telephone number, address and email address are:

Customer Service Contact: 0800 112 0275

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