

Approved Document L1A

Conservation of fuel and power

NEW DWELLINGS 2006 EDITION



Fireguard Low Energy

The new edition of the building regulations, Document L, requires the developer to meet services and building criteria in order to minimise carbon dioxide emissions caused by the usage of excess energy and heat losses.

Of particular note to lighting installers are the sections concerning low energy lighting and the air permeability of dwellings (Parts 42 & 52 respectively).



MEGAMAN[®]
Energy Saving Lamps

Low energy lighting

To achieve the desired Target Emission Rate (TER) as scheduled within the document, internal low energy lighting points will be expected at a ratio of one per every four fixed light fittings, or at least one per 25m² dwelling floor area excluding garages, whichever is the greater.

It is indicated that a reasonable provision would be to install these points in the most frequented locations in the dwelling, such as hall, stairs and landing, as suggested in Document GIL20.

Modern small halogen downlights, whilst being highly desirable in many respects are not energy efficient enough on their own to meet the new requirements.

JCC Fireguard *has the* **perfect new solution!**

Air permeability

Dwellings will be tested for air permeability and also for thermal losses through the fabric of the building. It is essential to have downlights that do not contribute to these factors and maintain the air-tightness of the location into which they are installed.

This is especially important with ceilings below cold loft spaces

JCC have paid particular attention to the air-tightness of Fireguard downlights. Extensive testing has shown that losses are virtually negligible. Fireguard can therefore be used with complete confidence.

New Dimmable version

JCC has collaborated with Megaman to bring you a compact fluorescent lamp that can easily be used with existing home dimmer switches. The 11watt lamp supplied has a colour rendition of Warm White (3000K) to suit most home applications.

JCC offers new user-friendly technology for the home

Meeting the demand for dimmable energy saving lighting solutions. The newly developed 11Watt GU10 uses smart integrated electronics to produce a smooth dimming range without flicker. This new lamp can be used with most leading UK domestic dimmer variants.

Dimming recommendations for the new 11Watt Megaman dimmable lamp are available from Megaman – including a comprehensive list of suitable dimmers, please visit www.megamanuk.co.uk for details.