

C-THRU® LIGHT DIMMERS & FAN CONTROLLERS

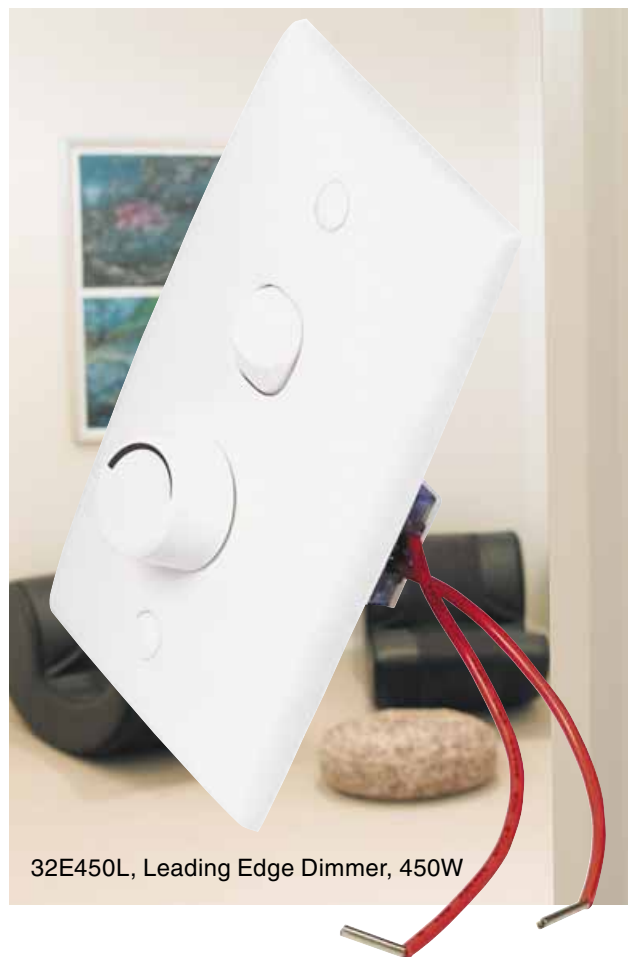


A Clipsal C-Thru® Light Dimmer lets you adjust the lighting levels in any area, for any occasion. For instance, you may want to add a little romance to an intimate dinner, create the right mood for a movie, or leave just enough light on to navigate your way to the bathroom during the night.

In commercial environments too, light dimmers have an almost endless number of applications. Auditoriums, restaurants and boardrooms are just a few of the possible locations in which a light dimmer will offer you full control of lighting to suit any occasion, and the new C-Thru® Light Dimmers enable you to choose the right dimmer, first time - every time.

In a market first, Clipsal has teamed up with other industry leaders and lighting manufacturers to colour code both dimmer and load, allowing unprecedented ease in compatible product selection. Never before has it been so simple to choose the right dimmer or fan control product to suit your application.

The C-Thru® Light Dimmer unit comprises a separately switched, compact, modular dimming mechanism rated at 450W (1.8A). The units utilise state-of-the-art Leading Edge and Trailing Edge dimming technology to provide full control of incandescent and low voltage lighting (using either iron core or electronic transformers).



32E450L, Leading Edge Dimmer, 450W

The C-Thru® Product Range is suitable for use in any new installation, but is also retrofittable, and may be used to replace a standard switch in any existing installation.

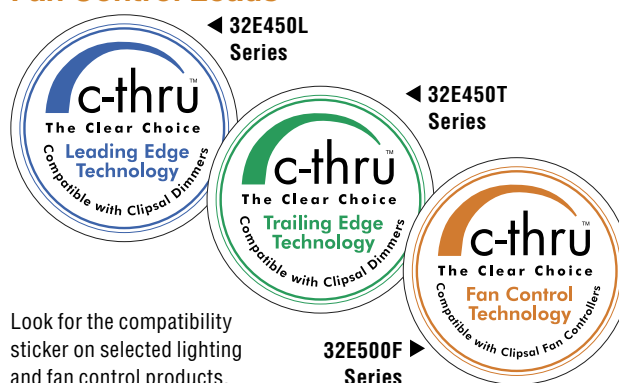
Please note that the C-Thru® Range of Dimmer and Fan Speed Control products is immune to the effects of high frequency (ripple) signal injection on the mains voltage supply. These signals are commonly injected onto the mains by the supply authority for such applications as off-peak hot water switching and remote meter monitoring. This unique Australian design innovation ensures true flicker-free dimming operation.

Load Compatibility

Each product in the Clipsal C-Thru® Product Range is colour coded to indicate load compatibility. This colour coding concept allows easy selection of the right dimmer for your application.

Load Symbol	Compatible Loads	C-THRU® COLOUR		
		Leading Edge Dimmer 32E450L Series 450W	Trailing Edge Dimmer 32E450T Series 450W	Fan Speed Controller 32E500F Series 500W
	Incandescent lighting Halogen 240V lamps	✓	✓	✗
	Low voltage lighting with iron-core transformers	✓	✗	✗
	Low voltage lighting with electronic transformers	✗	✓	✗
	Exhaust fans (shaded pole induction motors) Ceiling fans (split-phase induction motors)	✗	✗	✓

Recommended C-Thru® Dimmer/ Fan Control Loads



Look for the compatibility sticker on selected lighting and fan control products.

Please note: the colour coding scheme outlined above is the subject of an exclusive Clipsal patent.