

**focus** Energy Management

lighting

### Valuable voltage

Maximum voltage and therefore energy is required for the ignition of fluorescent lighting. Once ignited there is no need to keep the voltage at such a high level – yet existing lighting systems do just that. However the Fluoresave unit reduces the voltage after ignition allowing power consumption savings of around 30%. Michael Dolphin, managing director, explains more.

"You only need the full 230V to start up a fluorescent lighting system, after that keeping it at such a level is a waste of energy. There is no need to have 230V just to keep the lights on," he says. The unit supplies mains voltage to fluorescent lights for ignition, it then allows a short time delay period to ensure stable operation, before switching to a lower voltage. If additional lights within the circuit are switched on, the unit will revert back to mains voltage before returning to energy-saving mode once the current has stabilised.

Fluoresave is a simple retrofit product which controls the whole circuit or multiple circuits, requiring no modification to light fittings or disruption to the work environment. With no service or maintenance, you simply 'fit it and forget it' with the added assurance of a two year full replacement warranty.

For those keen to be environmentally responsible, and keen to cut their running costs significantly, Fluoresave combined with the reliability of conventional fluorescent lighting now offers a real alternative to the much higher capital cost of installing High Frequency fluorescent lighting with its poor reputation for reliability and high maintenance costs.



The Fluoresave unit normally delivers a payback in under two years, and can extend tube life

"Fluoresave normally delivers a payback in under two years, depending on the price paid for power and the number of hours the lighting is run," says Michael. "In these days of cost cutting and competitiveness, Fluoresave offers a simple opportunity to save money. We have already had great success with the introduction of Fluoresave to the European market, having developed it in Australia around six years ago. There are now thousands in daily service across Asia and South Africa in airports, banks, car parks, offices, retailers and warehouses, many of which have been supplied via the power companies to their electricity consumers."

Fluoresave is available in three model sizes; 12 Amp, 20 Amp and 32 Amp capacity, designed for maximum flexibility on installation. As well as helping businesses conform to energy saving criteria such as ISO 14001, Fluoresave has been found to extend fluorescent tube life by up to 25% with the associated cost savings and additional environmental benefits. The units can be purchased or leased with no capital outlay, enabling the net cost saving to drop straight to the bottom line. ■

For more details contact Fluoresave on Tel: 01488 658480

#### FLUORESOLVE EXTENDS FLUORESCENT LAMP LIFE

Standard fluorescent tubes drop below 400 lux at 8000 hours. Look at the effect on light output and lamp life when Fluoresave is used!

