

## Light touch saves energy

Illum-a-Lite ([www.ilumalite.com](http://www.ilumalite.com)) is an Australian company which is continuing to search for innovative solutions that will save businesses energy and money, and also save the environment. Light Eco, which is one of the company's products, is manufactured at its state-of-the-art factory in Australia and is exported to a number of countries around the world.

Light Eco is a versatile energy controller offering 240/230/220 volt and 10/16/20 amp units for use with fluorescent lights. Light Eco is compact, can be located at the distribution board or installed directly in the switched light line, before or after, the light switches. It is fail-safe and intelligent through the incorporation of both voltage and current sensing and the patented 'zero crossover switching' system.

It has been tested and complies with the provisions of CE for the European Union (EN 55015, 60598, 60742, 61000), AS/NZS 3350.1 2002 for Australia and New Zealand and has the 'Click' approval

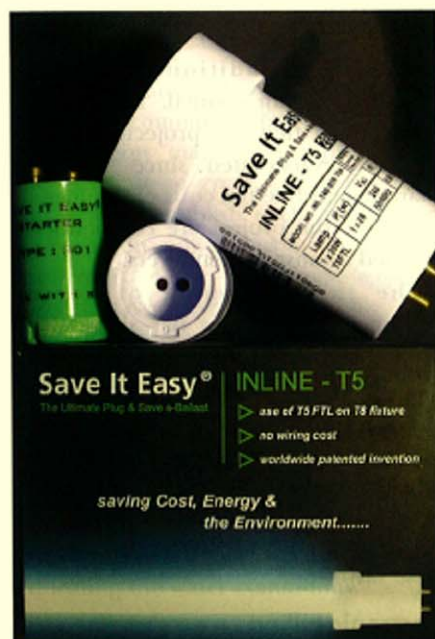
for compliance to EMC (Regd No: N1759). Cases documented over 45,000 installations show consistent savings in excess of 25%, and many over 30%!

Illum-a-Lite also recently introduced a German designed product called Save-It-Easy® into the Australian market ([www.saveiteasy.com.au](http://www.saveiteasy.com.au)). The Save-It-Easy® is a Plug & Save solution allowing existing longer and higher power fluorescent light fixtures such as those for T8s tubes, to use the shorter and lower power fluorescent tubes such as the T5s for further energy savings.

Save-It-Easy® plugs into the ends of the shorter T5 tubes allowing them to be fitted into the longer fixtures. T5 fluorescent tubes are the latest technology of lamp manufacturers and are smaller in diameter while providing even higher efficacy. The device also overrides the magnetic ballast in the existing fitting without the need to remove it, thus providing the electronic ballast required by the T5 tube.

There is no wiring, no mess and an energy saving of up to 35%. It offers all


users of older T8 fluorescent light fittings the opportunity to upgrade to the latest technology and energy saving of T5 at an affordable cost with realistic returns on investment.



In May 2006, the NSW Department of Environment and Conservation introduced the Save-It-Easy® solution into one of their buildings in Dubbo. Initially it was considered uneconomical to convert the existing lighting to the energy efficient T5 luminaires. That's until they heard about Save-It-Easy.

By using the product they were able to retrofit T5 tubes into all of the old T8 fluorescent luminaires and in the process gain a 33% energy saving and the consequent reductions in greenhouse gas – 18 tonnes of CO<sub>2</sub> equivalent per year. Most importantly the solution required no replacement of light fittings, no re-wiring of existing fittings and was completed with minimal delay and disruption. The solution was as simple as re-lamping the old fittings.

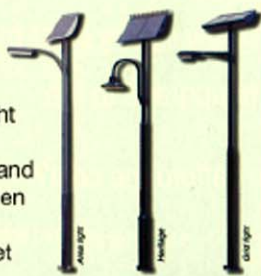
From the initial specification to completion of the upgrade, it took less than three weeks. The tenancy now has all the advantages of energy saving, long-life T5 fluorescent tubes with added savings in maintenance cycles. It has also allowed the Department of Environment and Conservation to show leadership amongst NSW government agencies and in many ways 'walk the talk'.

Illum-a-Lite was established in 1996 and can be contacted on 1800 133 666. 

## PECAN ENGINEERING

Pecan Engineering is an Australian company which manufactures solar lights for a wide range of public lighting applications including street lighting, parks, security, toilet blocks, picnic areas, jetties, new housing estates and many more.

A new innovation is the Pecan grid light that generates solar energy that is exported into the grid during the day and uses mains power at night. A truly green light that provides a positive environmental statement that can meet all lighting standards.



## Solar lighting

IT'S ONLY NATURAL



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