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# LIGHTING

ART & SCIENCE FOR INTERNATIONAL DESIGNERS

VOL 26, NO 4  
AUGUST 2006

## ENERGY EFFICIENT LIGHTING

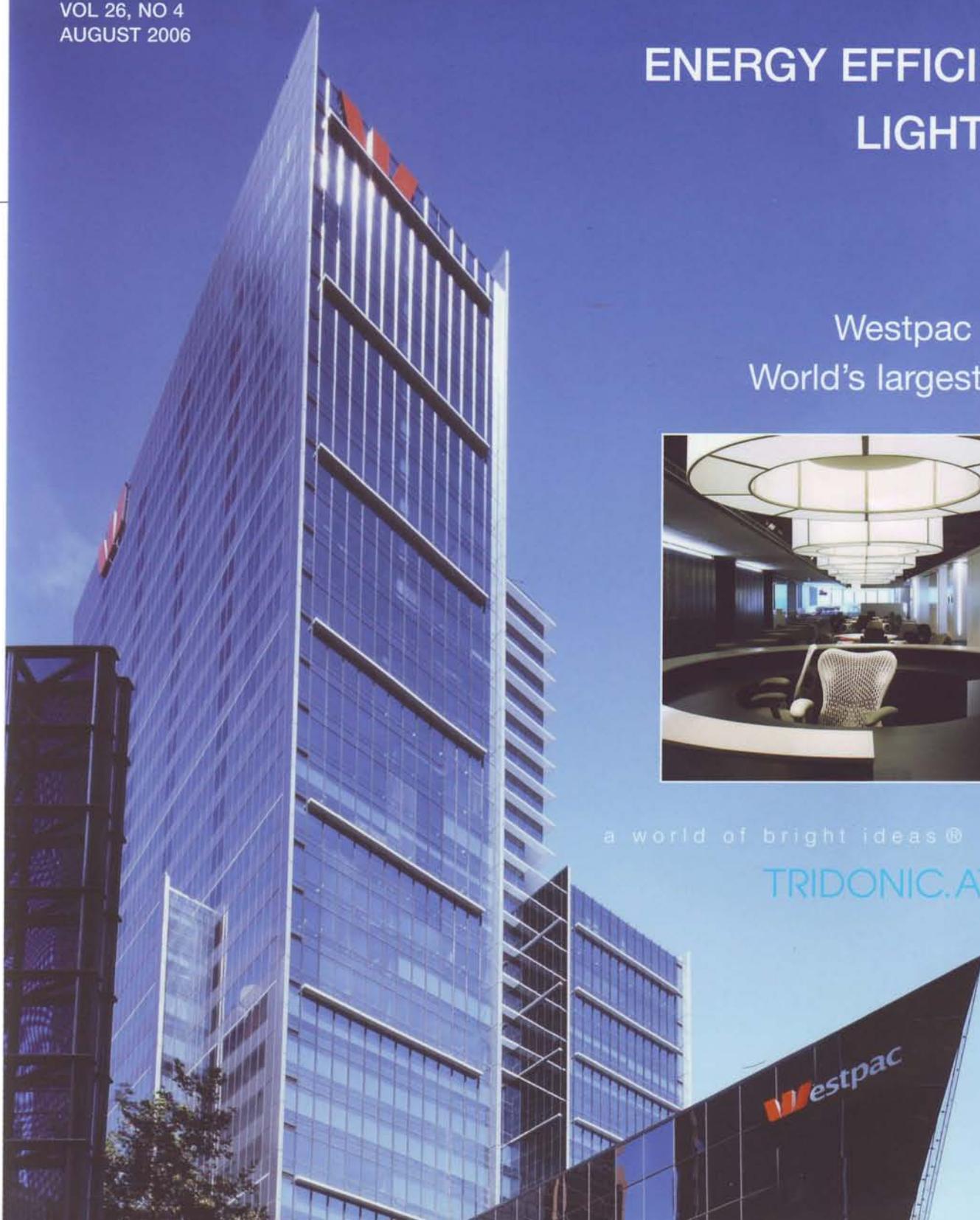
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ART & SCIENCE FOR INTERNATIONAL DESIGNERS



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## IES E-COMMERCE MEMBER MANAGEMENT

The Illuminating Engineering Society of Australia and New Zealand has recently contracted Studio 357, who currently administers the web site, to enhance the web site to include E-Commerce facilities and an enhanced member management system (MMS). This will aid in the payment of subscriptions and other payments to the IES.

The enhancements will enable members to go on line and update their personal details directly, receive invoices for due payments, pay subscription and other dues through a secure (SSL) network and receive payment advice via the internet. Members can choose how they wish to be advised when subscriptions are due if they do not have an internet connection by either fax or by direct post.

In addition to the E-Commerce portion of the enhancements, various other additions have been made which will permit email advice of upcoming events both Nationally as well as filtering down to advise particular members at Regional level of events in their respective Region.

Local newsletters and other news will also be accessible on a Regional basis as well as an area for information to Special Interest Groups.

It is intended to roll out the new E-Commerce and MMS this financial year so that members will be able to pay their 2006/07 due on line this year. To ensure that the current membership database is up to date all members will be asked to 'update' their membership contact details by completing a form and returning it to the Secretariat. This will ensure that contact details will be correct at the time of importing into the new MMS database.

## CREE DEMONSTRATES 131 LM/W WHITE LED

Cree, Inc represented in Australia by Cutter Electronics has announced LED efficacy test results that set a new benchmark for the LED industry. Cree

reported results of 131 lm/W white LED efficacy, confirmed by the National Institute of Standards and Technology in Gaithersburg, Maryland. Tests were performed using prototype white LEDs with Cree EZBright LED chips operating at 20 mA and a correlated colour temperature of 6027 K.

## ZHONGSHAN CULTURAL AND ARTS CENTRE



As China's economy flourishes, so do its arts. The southern manufacturing city of Zhongshan, dubbed one of the "Four Little Tigers" for its prominence along with three neighboring cities in the booming province of Guangdong, is showcasing its new power with its Zhongshan Cultural and Arts Centre. Staking its role as a cultural leader in the region, Zhongshan's new performing arts centre is also the first venue in China to employ an ETC Congo lighting control console.

The Zhongshan government invested more than \$400 million in the complex, which is one of 15 major construction projects in the region. Groundbreaking began in August 2003 on the 740,000-square-foot facility that houses a main theatre, a multifunction hall and an outdoor amphitheatre. ETC Asia equipped the Centre's 1400-seat Grand Theatre, which opened in November

2005, with a Congo to control a mixed-media rig outfitted with more than 400 ETC Source Four conventional fixtures and 30 automated fixtures.

The Grand Theatre also employs a 2500-channel ETC Emphasis lighting control system for backup. House lighting for the Grand Theatre is controlled by eleven ETC Sensor+ dimmer racks.

Slated for opening at the end of 2006, Zhongshan's 600-seat multifunction hall and 3000-seat amphitheatre will employ an ETC Express control console.

The Grand Theatre was chosen to host the Boao Forum for Asia in November 2005. Famed Chinese pianist Lang Lang, chosen by the symphony orchestra of the Bayerische Rundfunk in Munich as Artist in Residence for the 2006-2007 concert season, held a concert in early 2006 in the Zhongshan Centre. Also invited to play at the complex are the London Mozart Players and the Chinese Central Ethnic Orchestra.

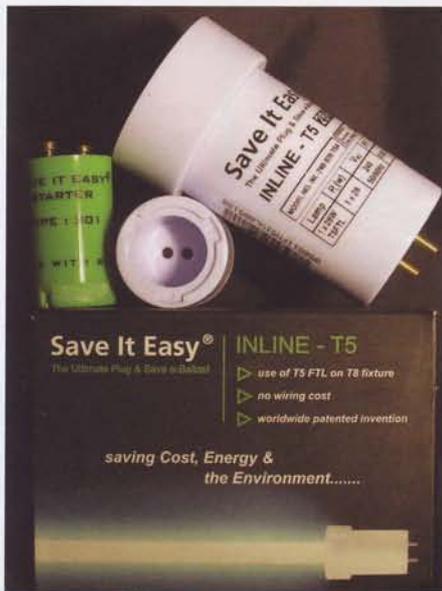
For more information about ETC and its products, go to [www.etcconnect.com](http://www.etcconnect.com).

## NSW DEPARTMENT OF ENVIRONMENT AND CONSERVATION ENERGY SAVING

In May 2006, the NSW Department of Environment and Conservation in Australia introduced the Save-It-Easy solution into one of their buildings in Dubbo. The Save-It-Easy is a plug and save electronic ballast solution recently brought to Australia by Illum-a-Lite, an Australian manufacturer based in Sydney. Save-It-Easy plugs into the ends of T5 tubes allowing them to be fitted to existing longer fluorescent magnetic ballasted luminaires (such as those for T8 tubes).

In the Department's case, converting to the energy efficient T5 luminaires had been initially considered uneconomical. 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. That also resulted in significant 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 in less than 3 weeks.



### ELDA+ WORKSHOP TRUCK HEADS FOR DENMARK

For the first time in the history of the ELDA+ workshop programme, the ELDA+ truck will be heading for a Danish town. Frederikshavn, in the northern part of Denmark, will be hosting an international practical workshop from 6-11 November, 2006 in accordance with the successful workshop model. Six totally different projects in exterior public spaces will be analyzed, and a design concept developed and realised as a temporary installation.

The participants will be guided through the task by six internationally established and experienced lighting designers. A supply of luminaires and advanced lighting equipment will be available for the participants to work with.

Part of the ELDA+ workshop will also be a one-day conference on 10 November, 2006. This is also when the participants will present the concepts for their workshop sites. The conference as well as the workshop itself has the theme "Trails to the future"

Following lighting designers were selected to head the groups:

- Tony Rimmer, UK: The Town Hall Square
- Annukka Larsen, FI: The Avenue and Sculpture
- Kate Wilkins, UK: The Footbridge
- Brian Mosbacher, US: The Fishing Port Basin/Fishing Cottages
- Jesper Kongshaug, DK: The Silo
- Carla Wilkins, DE: The Commandants' House

The town of Frederikshavn was formerly dominated by the ship building industry and is now taking great pains to undergo the change that will make it a cultural city which will attract tourists. The docks area is being redeveloped to bring the town nearer to the sea and to give the urban environment a maritime flavour. Frederikshavn is not only famous for its excellent daylight conditions: leading lighting manufacturers Martin Professional and Roblon are based in the town.

All participants are awarded a certificate on successful completion of the workshop week.

Cost for students is DKK1,950 (~€260) and for professional participants DKK8,100 (~€1,080) incl VAT, with a 10% discount for ELDA+ members

Contact and registration: [www.lightvisions.dk](http://www.lightvisions.dk), [www.pldplus.com](http://www.pldplus.com) or [www.eldaplus.org](http://www.eldaplus.org). For more information please contact Louise Ritter at [lritter@via-internet.com](mailto:lritter@via-internet.com).

### FIRST ELDA+ WORKSHOP IN THE USA

The European Lighting Designers' Association, ELDA+ will be staging a practical lighting workshop in the USA, the first ever. The University of Florida in Gainesville in cooperation with the City of Gainesville will be the first to host a five-day lighting workshop, 19-24 February 2007, based on the successful ELDA+ workshop program.

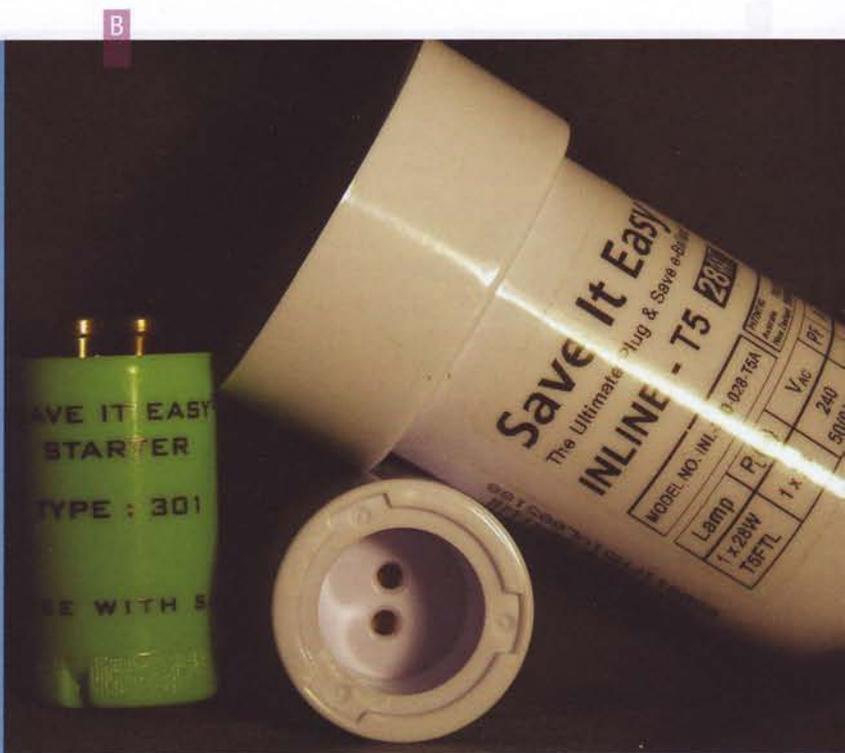
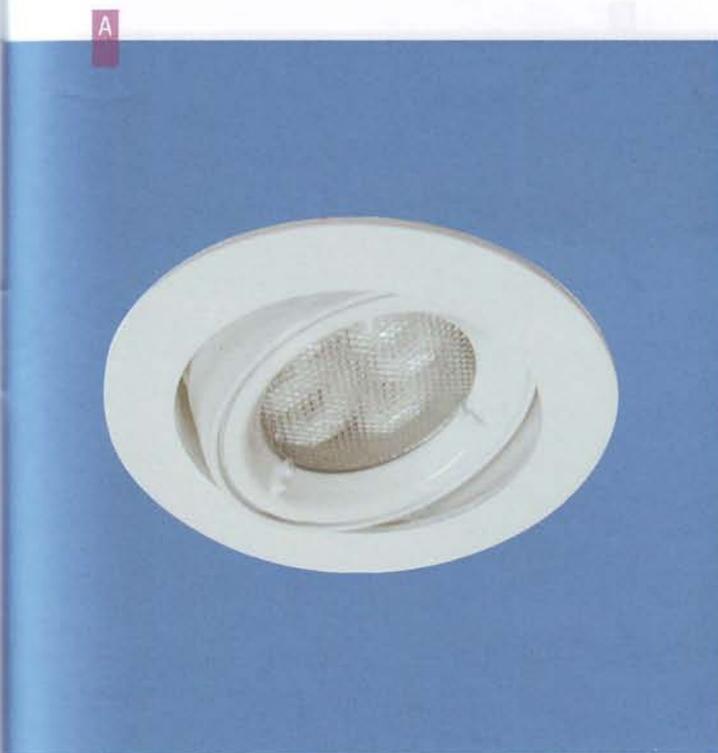
Six internationally established professional lighting designers have been selected to head the participants and teach them the design process. The groups will analyze the previously selected sites, develop a concept and realise the idea in practice in a third step. For the realization, the participants will be introduced to professional lighting equipment and have the chance to experiment themselves. The six diverse but highly challenging sites are located both on the university campus and in the town.

A supporting conference will be held on 23 February 2007. The topic of the conference and the workshop is "Sustainable Lighting Design". Besides papers given by a number of the workshop heads, more top-class speakers have been invited to lecture on the subject. AIA credits will be awarded for both the workshop and the conference. ELDA+ also awards all participants with certificates at the end of the workshop week. The workshop heads are:

- Chip Israel, USA: The Green Pond
- Mary Claire Frazier, USA: The College of fine Arts Entrance and Plaza
- Gad Giladi, BE: The Underpass
- Robert Shook, USA: The Thomas Center
- Susanna Antico, IT: The Hippodrome Theatre
- Kevan Shaw, UK: The Kelly Power Plant

The aim of ELDA+ workshops is to teach the participants the lighting design

[www.iesanz.org](http://www.iesanz.org)



**A SWITCH TO GREENECO MADE EASIER**

Changing to energy saving lighting is no longer complicated. The new GreenEco provides a solution with its 11W CFL GU10 tilt downlight. It is the perfect solution to comply with energy reduction in lighting. With a cutout of 80mm and a trim of 102mm, the GreenEco 11W CFL GU10 tilt downlight is perfect to retrofit. Using Megaman's new 11W CFL GU10 with Ingenium Technology is rated at 15,000 hours for long life with a beam angle of 119° spread. In 2 colour temperatures, 3000K Warmwhite & 4000K Coolwhite to suit commercial and residential projects. The new GreenEco Low Energy Lighting and Megaman CFL will reduce energy consumption and lower replacement costs with long life CFL's, lessening the impact on the environment.

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**B SAVE-IT-EASY® – FITTING ENERGY EFFICIENT T5 LAMPS INTO T8 LUMINAIRES**

Save-It-Easy® is the ultimate plug and save electronic ballast which can reduce lighting costs by up to 35%. It plugs into the ends of T5 tubes allowing them to be fitted to existing longer fluorescent magnetic ballasted light fixtures (such as those for T8s tubes). It is German designed and imported by Illum-a-Lite Pty Ltd.

T: 1800 133 666  
W: www.saveiteasy.com.au



**EAGLE LIGHTING GROUP**  
Employment Opportunities

Eagle Lighting continues to expand with the success of its European product range, led by Fagerhult, and currently offer unique employment opportunities in three states.

**Eagle Lighting Queensland:** State Sales Manager  
Sales Representative

**Eagle Lighting NSW:** Sales Representative

**Eagle Lighting Victoria:** Sales Representative  
Project Co-ordinator / Estimator

**QUEENSLAND - State Sales Manager**

We require a professional, motivated individual who has extensive experience in leading a successful sales team. You will have the ability to liaise with all aspects of the industry, Eagle affiliates and international product partners. You must have an ability to work within a national company framework and be prepared to drive the success of the Queensland office.

**VICTORIA - Project Co-ordinator / Estimator**

The Melbourne internal sales office requires an experienced, career minded professional to join our established team.

**QLD, NSW, VIC - Sales Representatives**

The growth of Fagerhult in the Australian market has created unique employment opportunities within the Eagle Lighting Group. All states require an experienced and motivated sales professional. You must have sound technical knowledge of the commercial lighting industry and experience in sales. You must have the ability to sell to Electrical Engineers, Architects, Lighting Designers, Local Councils, Interior Designers and Landscape Designers.

To contact us please email your CV to:

**Brisbane** alan@eaglelighting.com.au  
**Sydney** mark@eaglelightingsydney.com.au  
**Melbourne** alan@eaglelighting.com.au