

# Sidelights

IES: The Lighting Society - NSW Chapter Newsletter

June 2024



**We are back!**  
**We look forward to seeing**  
**everyone at the upcoming**  
**IES Awards night 2024!**

Sidelights is the official newsletter of the NSW Chapter of the Illuminating Engineering Society of Australia and New Zealand.

Sidelights is electronically distributed to all individual and corporate members of the NSW Chapter.

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Treasurer: Ales Vasenda

Board Member: Vessi Ivanova

Secretary: James Vlassis

Technical Meetings: Kam Naidoo

Education/Standards: Ibbby Kanalas

Memberships: Ibbby Kanalas

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Awards: Anu George

Events: Bettina Easton

Sidelights: Kaifeng LI

#### **Canberra branch:**

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#### **Newcastle branch:**

Rachel Thomson

Material in Sidelights is published in good faith from information received from various industry sources.

Cover image: IES NSW Awards 2022

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# President's Message



**Bettina Easton - President, NSW Chapter**

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Welcome to the Sidelights June issue.

As we move into a new financial year, I'm pleased to say that our new committee members, Rachel Thomson, Damien Moore and Kaifeng Li that began their journey just under a year ago have been instrumental to the NSW committee and look forward to many more years of your contributions. I would also like to provide a well-deserved shout out to our retiring committee member, Sussanne Thomassen who while was on the committee for a short time, has left us to move to the mother land, the UK, our loss is their gain, good luck Sussanne.

Now, it's getting close to the IES NSW Award dinner, held on the First Friday November each year, please lock it into your calendars, Friday 1st November. Tickets will go on sale in July, so don't miss out! This year's we are going to the IES Big Top, so join us at the Sideshow for a Carnival! We look forward in providing an entertaining and fun event and great networking through our lighting industry. Hope to see you all there ready to bring the fun!

# IES NSW 2023 Awards



**FIES announcement**  
Vessi Ivanova



**Richard Chappell Memorial Award**  
Murray Robson



**Ten Pin Bowling Champions**  
Pulvin



**AP Turnbull Award**  
Michael Richards



**LiTra Award**  
Ryan Holdsworth, Clevertronics



**NSW academic award**  
Joanna Pan



# IES NSW 2023 Awards

**Award of Commendation**  
25 MARTIN PLACE,  
by ARUP



**Award of Commendation**  
ART GALLERY OF NSW LIBRARY  
by RDO ARCHITECT



**Award of Commendation**  
CORRS CHAMBERS WESTGRATH SYDNEY  
by ELECTROLIGHT



# IES NSW 2023 Awards

**Award of Excellence**  
LOCOMOTIVE WORKSHOP  
by FIREFLY POINT OF VIEW



**Award of Excellence**  
TARONGA ZOO UPPER NOCTURNAL HOUSE  
by STEENSEN VARMING



**Award of Excellence**  
TRANSURBAN PROJECT QUAY  
by ELECTROLIGHT



**Award of Excellence**  
BURA BURAWA BIRRANG GILI  
by CUNDALL with Uncle James Carrol & Matt Fellingham







**Trend Laboratories (Trend Labs)** is a multi-faceted design studio, providing engineering expertise, lighting design consultations and photometric testing services.

The creative team behind the illumination of many of Trend Lighting's projects are rooted in technical excellence, driven by imagination and focused on a solitary goal — to deliver innovative lighting solutions that enrich the lives of our clients and their communities.

**we are**  
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powering **Trend Lighting**

[design@trendlabs.com.au](mailto:design@trendlabs.com.au)

## RAMSES the Great and the Gold of the Pharaohs Lighting Tour

Australian Museum

On the 4th of April, 22 attendees had a captivating experience at the Ramses Exhibit hosted at the Sydney Museum. The exhibit showcased a stunning array of artifacts and relics from ancient Egypt, highlighting the reign and legacy of Pharaoh Ramses. Visitors were immersed in the rich history and cultural significance of the artifacts, including intricate hieroglyphics, statues, and royal treasures. Additionally, attendees learned about the intricate lighting, setup, and transportability of the exhibit, gaining insights into the behind-the-scenes work that brings such remarkable displays to life.







# ION S SERIES

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On behalf of the IES: The Lighting Society, in conjunction with Zumtobel and Thorn Lighting, we held our second educational seminar on Light and Health with speaker Dario Maccheroni. Dario undertook his Doctor of Philosophy in Italy, where he researched about the holistic approaches of artificial lighting at a human scale. During this educational seminar, he discussed lighting beyond vision, delved into concepts and technologies to achieve biophilic design and common healthcare challenges with examples of specific applications.



# Perceptions of Night-time Safety

IES Technical Event



Presented by  
**Rebecca Cadorin**  
NSW Lighting Lead, Arup



With support of Iguzzini, Arup and Cover-ite Projects, the IES: The Lighting Society are excited to invite you to our next educational seminar, Perceptions of Night-time Safety for Women and Girls, presented by lighting designer and researcher, Rebecca Cadorin. Rebecca will discuss the impacts of the built environment on perceptions of safety, how the co-design process can improve outcomes and experiences across projects and the importance of collaboration across multiple disciplines and stakeholders for truly inclusive cities.





# Jadecross

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Artarmon NSW 2064

[info@jadecross.com.au](mailto:info@jadecross.com.au)

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**Q1. Everyone's pathway to the lighting industry has been unique; How did you first find yourself in the lighting industry?**

My passion for lighting started back when I was at University studying Industrial Design in Melbourne. For my final year project I designed and fabricated a luminaire, and showcased it at the graduate exhibition. It was at the exhibition that I met Geoffrey Mance the "Queen of Fairy Lights". He was such a charismatic person, and he offered me a job then and there. I learnt so much, and worked with many talented people there including Christopher Boots and Volker Haug, followed by Dean Phillips so it is great to see how we have all remained true to our passion and evolved within the lighting industry.

**Q2. What challenges have you faced and how did you overcome these? Was there a team to support you, or a mentor?**

Putting a deadline on a creative process can be quite challenging I feel. Artists and writers are known to have creative periods, or periods of "writer's block", however this isn't accounted for in our industry. Construction programmes are drawn up around deliverables based on work output, and often don't adequately account for the creative process that projects require.

One of my favourite stages of a project is the internal workshops where we brainstorm ideas. We have an amazing team of creative minds, so it is really interesting seeing what people bring to the table and the options we consider. I find that this is the best method of resolving conceptual ideas. Donn Salisbury, the Sydney Director at Electrolight, is brilliant at seeing the holistic approach and keeping the creative approach on track. This is an invaluable component to the process especially when there are impending deadlines.



**Cat Venn**

*Cat Venn is a Senior Lighting Designer at Electrolight. With a background in Industrial Design, her career has evolved from Luminaire design to creating beautiful lighting for spaces. Still cemented to her roots, she continues to create custom luminaires for many projects to add a bespoke element to each scheme.*

*Her experience over the past 20 years spans a wide range of sectors including hospitality, commercial, residential, the arts and entertainment. Over this time there have been many advancements in lighting technology as well as our understanding of how lighting can influence us both physiologically and psychologically. Cat is passionate about the impact that lighting can have on people and the way in which they experience spaces, focusing on creating a positive environment that is realised through seamless lighting.*

"...We never stop learning,  
and it definitely keeps  
things interesting!"

**Q3. Your opinion of the lighting industry in Australia, where is it at? Where does it need to be?**

It can be time consuming to stay up to date with all Australian Lighting Standards, Greenstar, WELL, NABERS etc. Scrutinising these evolving standards and guidelines and understanding the impact that they have on a lighting design approach is critical, and has made our job more important than ever. We never stop learning, and it definitely keeps things interesting.

I believe that we can continue to learn from other cultures and countries in how we design and execute lighting. For example, the lighting guidelines in the United States have specific recommendations that extend to many different environments, beyond offices, circulation spaces, exterior paths and roads. They have specific guidelines for various applications such as retail lighting that outlines target illumination levels to create sufficient visual contrast on products, which is a great starting point.

The UK has been a leader in adopting standards around circular economy, which we are talking about more and more here in Australia.

It's important that we keep having conversations around the evolution of these project requirements and play a role in how they adapt in the future so that we can continue to provide a good lighting design approach without the sacrifice of unrealistic expectations.

**Q4. What advice would you give the next generation of lighting professionals?**

Follow your passion, and ask questions!  
In an ever evolving industry, we can never be expected to know everything.





## SYDNEY INTERNATIONAL AIRPORT HEINEMANN DUTY FREE



How do you install a 3.6-tonne lighting feature in a highly secure international airport? This was the challenge TSA faced when redeveloping Ltd.'s flagship Mega-B retail store. Add a global pandemic to the mix, and you have the recipe for an incredibly complex piece of work. 3S Lighting was commissioned to design, a bespoke prototype, manufacture and assist with installation on the four feature golden Halo luminaires and CCTV camera light post tops.

This project is a shining example of Australian ingenuity and resilience. Working closely with TSA and Heinemann duty free design teams. 3S Lighting successfully designed, manufactured, and assisted with the installation of a stunning lighting feature in the heart of Sydney international Airport. This bespoke creation, proudly made in Australia, is a testament to the skills and dedication of local 3S lighting manufacturer and their ability to deliver world-class Architectural lighting solutions.





# IES Memberships

IES NSW Financial Corporate Sponsors

Integral Lighting	<a href="http://www.integrallighting.com.au">www.integrallighting.com.au</a>
Alma Lighting	<a href="http://www.almalighting.com.au/">www.almalighting.com.au/</a>
City of Sydney	<a href="http://www.cityofsydney.nsw.gov.au">www.cityofsydney.nsw.gov.au</a>
Dome Lighting Systems	<a href="http://www.dslighting.com.au">www.dslighting.com.au</a>
Eagle Lighting - CORP NSW	<a href="http://www.eaglelighting.com.au">www.eaglelighting.com.au</a>
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Ledvance	<a href="http://www.ledvance.com.au">www.ledvance.com.au</a>
Lighting Design Partnership	<a href="http://www.ldp.net">www.ldp.net</a>
LVX Global	<a href="http://www.lvxglobal.com">www.lvxglobal.com</a>
SAL Commercial	<a href="http://www.salcommercial.net.au">www.salcommercial.net.au</a>
Schreder Australia	<a href="http://www.au.schreder.com/en">www.au.schreder.com/en</a>
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Total Electrical Connection	<a href="http://www.totalelectrical.com.au">www.totalelectrical.com.au</a>
Versalux	<a href="http://www.versalux.com.au">www.versalux.com.au</a>
Webb Australia Group	<a href="http://www.webbaustralia.com.au">www.webbaustralia.com.au</a>

## Guide to Membership

For information on how to become an IES corporate sponsor, sponsorship upgrades, pricing and benefits, visit:  
[www.iesanz.org/membership-info/about-membership](http://www.iesanz.org/membership-info/about-membership)

## LIGHTING SOCIETIES & ASSOCIATIONS

IES: The Lighting Society	<a href="http://www.iesanz.org">www.iesanz.org</a>
IES (Noth America)	<a href="http://www.ies.org">www.ies.org</a>
IALD	<a href="http://www.iald.org">www.iald.org</a>
International Dark-Sky Association	<a href="http://www.darksky.org">www.darksky.org</a>
Lighting Council of Australia	<a href="http://www.lightingcouncil.com.au">www.lightingcouncil.com.au</a>
Lux Paci ca	<a href="http://www.luxpaci_ca.org">www.luxpaci_ca.org</a>

## EDUCATION

University of Sydney	<a href="http://www.sydney.edu.au/architecture/programs_of_study/postgraduate/illumination_design.shtml">http://www.sydney.edu.au/architecture/programs_of_study/postgraduate/illumination_design.shtml</a>
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## PUBLICATIONS

Arc Lighting in Architecture	<a href="http://www.arc-magazine.com">www.arc-magazine.com</a>
DARC Magazine	<a href="http://www.darcmagazine.com">www.darcmagazine.com</a>
illumni	<a href="http://www.illumni.co">www.illumni.co</a>
Lux Review	<a href="http://www.luxreview.com">www.luxreview.com</a>

## STANDARDS & CODES

ABCB - The Building Code of Australia	<a href="http://www.abcb.gov.au">www.abcb.gov.au</a>
Green Building Council of Australia	<a href="http://www.gbca.org.au">www.gbca.org.au</a>
Standards Australia	<a href="http://www.standards.org.au">www.standards.org.au</a>

## **Australian Standard 1158 - open for comments**

A draft standard is open for commenting on Standards Australia's public comments system. Standard: DR AS/NZS 1158.4:2024

Lighting for roads and public spaces, Part 4:  
Lighting of pedestrian crossings Committee: LG-002 LG-002  
Lighting for Roads and Public Spaces Comment

Start Date: 23/05/2024

End Date: 25/07/2024

FIRST create an account and login.  
THEN go to the link.

<https://comment.standards.org.au/Drafts/d56d3bd8-a23c-4 f-b4c0-0db5371d-5528Kind>



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## IMAGES

- Image types accepted are high resolution JPEGs, TIFFs and PNGs.
- Resolution: 300 dpi or better at 1:1. (the final size at which it will be used).
- Sidelights is predominately an e-newsletter so please be sure the images are in RGB colour format to ensure correct colour rendering on the monitor.

## PDF FILES

- When supplying a high resolution PDF, please ensure all fonts are embedded, images are RGB and at least 300dpi.

## STANDALONE LOGOS

- Any standalone logos to be supplied in the preferable format of an EPS or PNG file.
- Alternative to that would be a high resolution JPEGs or TIFFs.

## MARGINS

- For PDFs, allow a 10mm margin on all edges to avoid any cropping of text or logo when printed by our readers.
- For INDD files, allow a 3mm bleed margin on all sides.

## MATERIAL DEADLINE

- Please ensure that all content is submitted no later than the 20th of each prior month to ensure sufficient time for compiling and editing.
- Please email the advertisement to the Sidelights editor with details on the issue(s) the advertisement is to be published in.

## SENDING

- If your advertisement is over 5MB when attached to an e-mail please use an alternative sending service such as Microsoft Dropbox or Outlook OneDrive.

Ad Size	Width x Height	Rates (per annum)
A4 Full Page	210mm x 297mm	\$400 + GST
A5 Half Page	210mm x 148mm	\$300 + GST
Banner	210mm x 74mm	\$200 + GST

### Advertising Enquiries

IESANZ Ltd (NSW Chapter)

Sidelights Newsletter

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