

Office Building in Istanbul , Photo is courtesy of <https://www.pinterest.com.au/>

The Illuminating Engineering Society of Australia and New Zealand is an organization with Chapters in the five mainland States of Australia and New Zealand. The Society operates under the name: IES: The Lighting Society.

The aim of the Society is the advancement of the art and science of illumination and the dissemination of knowledge to all interested parties. The Society's diversified membership includes engineers, architects, educators, students, contractors, manufacturers and designers.

**Arcus**

Arcus is the official newsletter of the QLD Chapter of the Illuminating Engineering Society of Australia and New Zealand.

**Memberships**

There are two types of membership available; individual and corporate (or company).

For further information on membership contact Queensland Chapter at the below address or visit the ies website.

**QLD Chapter Management Committee**

- President:** Andrew Chase
- Vice President/ Lighting Design Awards:** Steve Hare
- Annual Dinner:** Andrew Chase
- Secretary & Treasurer:** Michelle Knowles
- Membership and Education:** Quang Tran
- Arcus:** Majdi Hawari
- Luminaire Design Awards:** Eric Isdale
- Student Liaison/Educators Committee:** Gillian Isoardi
- Technical Meetings:** Peter Parnell
- Advocacy:** Paul Doig, Trent Dutton & Doug Brimblecombe

**Advertising**

To advertise into Arcus please contact the QLD Chapter Secretary at the email address provided on this page.

**Pricing for advertising is \$20 for members and \$50 for non-members.**

**Member Page**

IES Qld Chapter members are welcome to submit information on employment changes – including new positions, promotions, and ‘available for hire’, for inclusion in Arcus. Members wishing to be included are requested to send a photo and a short blurb (20 – 30 words) for inclusion in the newsletter, to the editor, **Majdi Hawari**, at [mhawari@hotmail.com.au](mailto:mhawari@hotmail.com.au)

**OCTOBER 2018**

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**[Visit the Lighting Society at \(click on icon\)](#)**



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## PRESIDENT'S MESSAGE

Welcome everyone to this month's instalment of Arcus!

With the industry night of nights looming large on the 23rd of November we still have a couple of full-tables available.

Our MC on the night will be Dr Karl Kruszelnicki and I am looking forward to hearing Dr Karl's thoughts on lighting in general and how he views our industry.

As you would be aware lighting is becoming part of our digital world and with so many "Smart City" initiatives, lighting installations serve much more than a utilitarian purpose of providing light. In many cases, they spark increased tourism, economic development, community pride and neighbourhood revitalization.



If you haven't booked already your seat, please come along to a fun night and a time where we get to honour all of the entries as well as the Award Winners. Booking details are within this newsletter.

As always, please don't forget about our social media platforms:



Thank you,

Andrew Chase  
Queensland Chapter President  
[qldsecretary@iesanz.org](mailto:qldsecretary@iesanz.org)

## WEBINAR ANNOUNCEMENT & TECHNICAL MEETING

IESANZ is proud to announce the first of our on-going webinar series which will be available to all IESANZ member free of charge and all non-member for a small fee. Our first webinar will be delivered live from AIA Auditorium 70 Merivale Street South Brisbane and all Queensland members are encouraged to attend to engage in the conversation. For all other members our new webinar system will allow you to log in live and engage in the conversation from your office or home. The event will also be recorded and accessible for all members on our website shortly after the event.

### Event details

**Where:** Online or onsite at AIA Auditorium, 70 Merivale Street, South Brisbane

**When:** Thursday, 25th October 2018 at 12 noon

**Book your seat today:** [Click Here](#)

### Healthy Lighting – where are we now?

“Healthy lighting” is getting considerable attention in the lighting community and beyond, but do we really know what healthy lighting is? This talk will explore how we might think about healthy lighting, present existing research on how light can affect human health and wellbeing, and consider limits to our current knowledge.



Dr Alicia Allan is a postdoctoral research fellow at QUT, with a background in psychology. Her research investigates both the psychological and physiological effect of environmental light on humans.

For all other enquiries please contact [secretariat@iesanz.org](mailto:secretariat@iesanz.org)

## QUEENSLAND DESIGN AWARDS

The Queensland Lighting Design Awards (QLiDA) and Queensland Luminaire Design Awards (QLuDA) are now closed and the judges are busy visiting lighting installations and engaging in discussions to assess the submitted entries.

The design awards will be revealed during the night of Queensland Chapter Presentation and Annual Dinner next month on Friday 23rd November 2018. Come along to enjoy the night and catch up with your colleagues, consultants and architects who are passionate about lighting.

## EDUCATION

This year, the IESANZ has successfully rolled out their 2-day Introduction to Light Course in Sydney, Brisbane, Melbourne, South Australia, Western Australia and New Zealand.

Feedback from this course has been positive from the participants and their employers. We would encourage if you know of anyone who is new to the Lighting Industry or if you have new staff, to register their interest to attend future courses commencing from February 2019.

This course is also available for In-house delivery for groups in larger companies, minimum numbers apply.

The 2-year CLDA (Course in Lighting Design and Application) is also well into its first year of delivery at South Bank TAFE. The Facilitators', Barry Gull and Kerry Simpson report good maintained attendance and positive feedback from those participants to date. Next intake for this course will be 2020.

Information on new courses are regularly updated under Education on the website:

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

Any enquiries regarding Education, please contact the Education Coordinator, Susan Wall on 0417 057 177 , [susan.wall@iesanz.org](mailto:susan.wall@iesanz.org)



ILLUMINATING  
ENGINEERING  
SOCIETY

# 2018

**2018 QUEENSLAND AWARDS,  
PRESENTATION AND ANNUAL DINNER**

**FRIDAY 23RD NOVEMBER**

CLOUDLAND - RAINBOW ROOM

ADDRESS: 641 ANN STREET,  
FORTITUDE VALLEY QLD 4006

DR KARL KRUSZELNICKI



DOORS OPEN: 6:30pm  
DINNER STARTS: 7:00pm  
DRESS: FORMAL ATTIRE



[WWW.IESANZ.ORG](http://WWW.IESANZ.ORG)

ILLUMINATING ENGINEERING SOCIETY  
2018 QUEENSLAND AWARDS,  
PRESENTATION AND  
ANNUAL DINNER.

FRIDAY 23RD NOVEMBER

## PLATINUM SPONSORS



## GOLD SPONSORS



[WWW.IESANZ.ORG](http://WWW.IESANZ.ORG)

**ILLUMINATING ENGINEERING SOCIETY**

2018 QUEENSLAND AWARDS,  
PRESENTATION AND  
ANNUAL DINNER.

**FRIDAY 23RD NOVEMBER**

## **SPONSORSHIP OPPORTUNITIES**

### **PLATINUM SPONSORSHIP**

**CORPORATE MEMBERS: \$6,500 incl GST**

**NON-MEMBERS: \$7,000 incl GST**

- FURTHER 10% DISCOUNT ON BOOKING QLD, NSW & VIC (all 3)
- complimentary table of 12
- acknowledgement as a platinum sponsor, with logo to be digitally displayed with premium size and position
- company name and logo on menu with premium size and position
- representative from sponsor's company invited to present an award with the MC and chapter president
- acknowledgement for the calendar year 2018 as a platinum sponsor on all chapter promotions and newsletters
- front and centre seating arrangement to stage!
- a few nice bottles of champagne for your table

### **GOLD SPONSORSHIP**

**CORPORATE MEMBERS: \$4,000 incl GST**

**NON-MEMBERS: \$4,500 incl GST**

- FURTHER 10% DISCOUNT ON BOOKING QLD, NSW & VIC (all 3)
- complimentary table of 12
- acknowledgement as a GOLD sponsor, with logo to be digitally displayed
- company name and logo on menu

### **FULL TABLE DISCOUNT - NO SPONSORSHIP -12 ATTENDEES**

**CORPORATE MEMBERS: \$2,000 incl GST**

**NON-MEMBERS: \$2,100 incl GST**

**SINGLE TICKET MEMBER: \$180 INCL GST**

**SINGLE TICKET NON-MEMBER \$250 INCL GST**

**PLEASE NOTE: BEING AN INDIVIDUAL MEMBER OF THE IES DOES NOT MAKE YOU A CORPORATE MEMBER.**

### **SPONSORSHIP GUIDELINES**

- sponsorship funds will be used for the successful planning and operation of the awards dinner
- transparencies, logos and any other promotional material are to be provided by the sponsor
- sponsorships will be confirmed in writing, together with an invoice
- contact the chapter secretariat for more information via email at [simon@ladgroup.com.au](mailto:simon@ladgroup.com.au)

**WWW.IESANZ.ORG**



# PAYMENT FORM

**R.S.V.P. 9 NOVEMBER 2018**

**PHONE 0400 353 553**

NAME

Please email this  
completed form to

[simon@ladgroup.com.au](mailto:simon@ladgroup.com.au)

COMPANY NAME

EMAIL ADDRESS

## SPONSORSHIPS

### PLATINUM SPONSORSHIP

CORPORATE MEMBERS: \$6,500 incl GST

NON-MEMBERS: \$7,000 incl GST

### GOLD SPONSORSHIP

CORPORATE MEMBERS: \$4,000 incl GST

NON-MEMBERS: \$4,500 incl GST

QUANTITY

## TABLES & TICKETS

### FULL TABLE

CORPORATE MEMBERS: \$2,000 incl GST

NON-MEMBERS: \$2,100 incl GST

### SINGLE TICKET

MEMBERS: \$180 incl GST

NON-MEMBERS: \$250 incl GST

## PAYMENT DETAILS



CARD #

CARDHOLDER'S NAME

EXPIRY DATE

CCV

TOTAL AMOUNT \$

[WWW.IESANZ.ORG](http://WWW.IESANZ.ORG)

## BRISBANE CITY COUNCIL JOB ADVERTISEMENT

<b>Opportunity Name:</b>	Technical review of electrical reticulation and street lighting engineering drawings		
<b>Assignment Role/Title:</b>	Registered Electrical Engineer – Road Lighting		
<b>Preferred Start Date:</b>	Flexible	<b>Work Type</b>	Full time
<b>Work Address/Location:</b>	505 St Paul's Terrace, Fortitude Valley	<b>Assignment Term:</b>	Contract until 28 June 2019 (extendable)



### Background:

City Lighting Unit is part of Asset Services responsible for the maintenance of public safety lighting in roads, parks, bikeways and public spaces. This includes Rate 1, 2 & 3 lighting (street and pedestrian) in addition to metered lighting. As part of the Development Approval process, City Lighting is also responsible for liaising with developers and external consultants during the design phase to review and approve self-certified electrical and lighting drawings in roads, parks and bikeways across Brisbane.

### Role Overview:

The primary purpose of this role is to liaise and provide technical design review for developers/consultants on electrical reticulation and public lighting drawings to ensure the design complies with AS/NZS1158 (P and V category), AS4282, AS/NZS3000, Brisbane City Council Infrastructure Design Planning Scheme Policy (IDPSP), Brisbane Standard drawings (BSD), Energex technical documents and in accordance with the Professional Engineers Act.

### Core Deliverables:

1. Provide engineering technical review of all electrical and lighting drawings submitted by external consultants/developers and internal Council units to City Lighting to ensure compliance with AS/NZS1158, AS4282, AS/NZS3000, Brisbane City Council Infrastructure Design Planning Scheme Policy (IDPSP), Brisbane Standard drawings (BSD), and Energex technical documents.
2. Respond to external consultant/developers design inquiries regarding public lighting and electrical reticulation.
3. Ensure the submitted design is
  - fit for purpose;
  - easy to maintain;
  - energy efficient;
  - compliant;
  - minimise complaints from customers such as spill light;
  - consider future planning;
  - Identify oversized lighting hence reduce maintenance and operational cost;
  - Increase public safety and reduce environmental risk
  - Constructible;
  - Sustainable;
4. Liaise internally with other Council units to prepare a response to consultants/developers inquiries.

5. Attend and participate in design meetings with internal and external stakeholders and report on progress and issues as required.
6. Provide professional technical advice to City Lighting unit related to public lighting and electrical reticulation.
7. Plan, monitor and control all aspects of the design review of developments/projects on behalf of Council to ensure Council requirements in relation to quality and compliance are achieved.
8. Coordinate Quality Assurance and Quality Control within the work unit by following work procedures and recording of documents.
9. Work with developers/consultants for alternative solutions when technical or non-compliance issues arise.
10. Lead and role model customer focused behaviour by delivering the highest standards of service to our customers.
11. Work in partnership with your team leader to agree performance standards and mutual expectations. Give and receive regular feedback to enable performance to be improved and take personal responsibility for optimising your potential within Council.

**Essential Competencies & Skill Level:**

1. Possession of an Electrical Engineering Degree from a recognised tertiary institution.
2. Possession of Registration with the Board of Professional Engineers of Queensland in the Electrical area (RPEQ- Electrical).
3. High level of experience and technical knowledge in street lighting, pedestrian lighting, public lighting and electrical reticulation for Rate 1,2,3 and metered lighting.
4. Expert knowledge of
  - Australian Standard AS/NZS1158 (P and V categories) - Lighting for Roads and Public Spaces
  - AS4282 - Control of the Obtrusive Effects of Outdoor Lighting.
  - AS/NZS3000 – The Wiring Rules.
  - Brisbane City Council Infrastructure Design Planning Scheme Policy (IDPSP)
  - Brisbane Standard drawings (BSD)
  - Energex technical documents.
5. Demonstrated ability to communicate effectively, both verbally and in writing, at a senior level with all disciplines, customer representatives and contractors.
6. Ability to contribute to team direction, give and receive feedback and achieve agreed performance standards in order to contribute to a culture of performance excellence.

**Desirable:**

1. Membership with the Illuminating Engineering Society of Australia and New Zealand with minimum grade of Member.
2. Lighting software including PerfectLite for P and V categories and AGI32.
3. Experience in lighting asset maintenance.
4. A Queensland Open drivers' licence.

**Contacts:**

To submit your CV or if you have an inquiry email [BI-FSG-LIGHTING@brisbane.qld.gov.au](mailto:BI-FSG-LIGHTING@brisbane.qld.gov.au)

Attention: Majdi Hawari – City Lighting Coordinator

## BENEFIT TO MEMBERS (INSURANCE)



### Resilium Business Insurance Public Liability & Professional Indemnity Cover

#### Public & Products Liability Insurance

No matter what size your business is in Australia, Public and Products Liability claims can run into millions. Resilium Public Liability Insurance protects you, up to a stated limit (selected by you), if a third party sues you for personal injury, including death, or damage to property or advertising injury, as a result of an occurrence in connection with your business and you are legally liable to pay them compensation, anywhere in Australia. Why run the risk?

- ✓ Australia wide public and products liability cover from \$5m - \$20m
- ✓ Cover includes expenses for rendering first aid to others
- ✓ Cover includes legal costs and expenses
- ✓ Cover for third party property in your care, custody or control
- ✓ Products Liability cover is available
- ✓ Fast and easy claims lodgement process
- ✓ You can **pay monthly** to assist with your cash flow

#### Professional Indemnity Insurance

Professional Indemnity Insurance covers you for claims arising from allegations that your specialist services or advice caused financial loss to your customers/clients.
















- ✓ Legal consultation of up 2 hours
- ✓ Court attendance costs
- ✓ Extended reporting period
- ✓ Cover for contractors
- ✓ Fast and easy claims lodgement process
- ✓ You can **pay monthly** to assist with your cash flow

For more information regarding the covers available please contact Luke Patrick from Reliable Insurance Solutions on 0477 346 211 or [luke@reliableinsurance.com.au](mailto:luke@reliableinsurance.com.au)

Reliable Insurance Solutions Pty Ltd is an Authorised Representative of Resilium Pty Ltd ABN 40 098 080 810 AFSL No. 1246298

## CURRENT CORPORATE MEMBERS

[Click on logo to visit company's website](#)

<p><b>DMA Engineers</b></p> 	<p><b>Eagle Lighting</b></p> 
<p><b>Gerard Lighting</b></p> 	<p><b>GM Poles</b></p> 
<p><b>Jasstech Solutions</b></p> 	<p><b>JSB</b></p> 
<p><b>Klik Systems</b></p> 	<p><b>Light and Design Group</b></p> 
<p><b>LSI Hamilton Lighting Systems</b></p> 	<p><b>Lumen8</b></p> 
<p><b>Orca Solar</b></p> 	<p><b>PROJECT 20</b></p> 
<p><b>Versalux</b></p> 	<p><b>viv/id</b></p> 
<p><b>Webb</b></p> 	

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