

National Awards for Excellence in Lighting wows and inspires

The National Awards for Excellence in Lighting took place on Tuesday 28th of May at Doltone House, Sydney. Hosted by Lighting Council Australia, the Awards Gala provided an opportunity to recognise, entertain and provide networking opportunities for members across the lighting industry. Vince Sorrenti entertained the guests throughout the evening as MC whilst performances from the Three Waiters and the Baker Boys Band provided attendees with endless entertainment. The evening provided an opportunity to recognise Individuals who excelled in their nominated award category.

By **Brodie Easton**, Public Affairs and Environmental Manager, Lighting Council Australia.



Dialight ILS - Lifetime Achievement Award

The Dialight Lifetime Achievement Award was awarded to Ian Robinson from Beacon Lighting. Ian was identified as an outstanding contributor to lighting in Australia and who is a positive figure for the industry. He has been a key influencer in its continuous growth. Ian is currently celebrating his 50th year in the lighting industry.

(L-R) Award winner Ian Robinson, Beacon Lighting and award sponsor Malcolm Lee, Dialight ILS Australia – Dialight Lifetime Achievement Award.

Beacon - Public/Street Lighting Award

The Beacon sponsored Public/Street Lighting Award winner was Terry Howard from Pecan Lighting. Terry is the National Business Manager of Pecan Lighting who supply solar and mains voltage street lighting products. Pecan's NXT products are designed for quick installation when replacing older technologies. The design also features easily-replaceable components to decrease maintenance times. Pecan Lighting and manufacturer LED Roadway Lighting in Canada are heavily involved in standardisation, specification and R&D.



(L-R) Award winner Terry Howard, Pecan Lighting and Award sponsor Ian Robinson, Beacon Lighting – Public/Street Lighting Award.



Award winner Ratko Milosavljevic, Signify – Building Automation Award.

Building Automation Award

The Building Automation Award was awarded to Ratko Milosavljevic from Signify. Ratko is the head of R&D for Wired Infrastructure at Signify, where he is responsible for leading teams that are researching the viability of new control protocols and communication infrastructure such as DALI 2.0 and Power over Ethernet. He also has a stake in ensuring the manufacturing operation in Sydney remains competitive in a global market place in the face of rising electricity and labour costs. Ratko is frequently involved in the formulation of international standards and Lighting Council policies.

Signify – Award for Outstanding Engagement with Industry

The Signify sponsored Award for Outstanding Engagement with Industry was awarded to Paul Barron from Legrand Australia. Paul Barron is the R&D Manager at Legrand Australia and is an active participant in Sub-industry Group meetings as well as Standards Australia committees. He was recently appointed as the Chair of the Emergency Lighting Working Group and has hosted meetings at the Legrand facility in Sydney. Paul is intimately acquainted with the standards concerning product safety and performance, and recently took over the role of drafting leader for an emergency lighting standard.



(L-R) Award winner Paul Barron, Legrand Australia and Award sponsor David Gardner, Signify – Award for Outstanding Engagement with Industry.

Standards Australia – Award for Outstanding Contribution to Standards

Standards Australia sponsored the Award for Outstanding Contribution to Standards which was won by Michael Duce from Clevertronics. Michael Duce has achieved an incredible amount within the scope of emergency lighting. He was drafting leader of the review of AS/NZS 2293.1 which required extensive commitment given the complexity of the project from a technical and political standpoint. Michael also provides advice to EL-041, the committee responsible for the safety requirements for emergency lighting and is an incredibly experienced representative from industry. Michael is well acquainted with standards from different jurisdictions and is responsible for work that is occurring at the IEC under TC34 JWG 2 to update emergency lighting standards to ensure they do not stifle the implementation of innovative technology.



(L-R) Award winner Michael Duce, Clevertronics and Award sponsor Alison Scotland, Standards Australia – Award for Outstanding Contribution to Standards.

Jinhang – Overall Innovation Award

The Jinhang sponsored Overall Innovation Award was won by Mark Bejatovic (not pictured), previously from Mercator. Mark relaunched the Mercator website with the goal of creating an experience for customers that is similar to visiting a bricks and mortar retailer. While the website doesn't look dissimilar to any other supplier's website to users, sales staff at Mercator are presented with a visualisation of web traffic, allowing them to interact with users in real time through a chat platform, and even being able to see what products a user has been viewing. Mercator has since been acquired by Arlec Australia.



Award sponsor James Wang, Jinhang – Overall Innovation Award.

Best Small Business Award

The winner of the Best Small Business Award was Sal Maresca from LOWA Lighting. LOWA was founded in 2006 in response to the steady rise of LED technology and the increasing demand for premium quality, long lasting LED lighting products. LOWA offers turnkey solutions for lighting retrofits, managing design, installation and financing. LOWA Lighting is an accredited certificate provider in the NSW ESS Scheme and AP under the VEET scheme. The business has grown rapidly over the years and now has projects all over Australia.



Award winner Sal Maresca, Lowa Lighting – Best Small Business Award.

Evolt – Young Achievement Award

The Evolt Young Achievement Award could not be split and thus was awarded to both Gemma Smallfield from Empyrean Lighting and Ariel Avner from Azoogi. A special commendation was also given to Laurence van der Linde from Dialight ILS who was awarded the Highly Commended for this category.

After graduating with a Bachelor of Business from William Carey University in Mississippi, Gemma secured a start in mid-2013 with Empyrean Lighting. The small team has gone from strength to strength developing and growing into an award winning cleantech industry leader based in regional Australia, servicing commercial clients domestically and internationally. Gemma started as Marketing & Client Services Manager and is now the General Manager. She is responsible for all domestic sales, client relationships, customer service, marketing, project and inventory management.

Ariel Avner started in lighting when he was a teenager, working in a family friend's business in Israel. After some market research, he identified a gap in the Australian market and founded Azoogi Lighting with business partner Robert Saul. Now in its fifth year of operation, Azoogi has grown to supply over 500 retail outlets with lamps and also offers custom-made linear lighting from aluminium extrusion. On top of his role as Managing Director, Ariel studies business full time as well.



(L-R) Award winners Ariel Avner, Azoogi and Gemma Smallfield, Empyrean Lighting, Evolt – Young Achievement Award.



(L-R) Highly Commended Laurence van der Linde, Dialight ILS Australia and Award Sponsor Ben Green, Evolt – Young Achievement Award.

Haneco – Smart Lighting & IoT Award

Haneco Sponsored the Smart Lighting/IoT Award which was received by Rick Dockerty (not pictured) from Efficient Lighting Systems. Efficient Lighting Systems has been implementing Bluetooth in a range of luminaires and drivers, providing customers with control over their installations over Wi-Fi. The offering of smart-enabled products spans stand-alone portable luminaires, to commercial track and downlights, to industrial high bays, using both different Bluetooth modules for different applications. ELS also supply an innovative kinetic switch, which can control luminaires wirelessly, without any power supply or batteries.



(L-R) Efficient Lighting Systems recipient and Award sponsor Nicho Teng, Haneco – Smart Lighting/IoT Award.

Clevertronics – Sustainability Award

Clevertronics sponsored the Sustainability Award which was received by Steve Cahill from enLighten Australia. Looking after the environment is something Steve and enLighten are passionate about, the company have always been heavily involved in recycling old fluorescent tubes, batteries and metal fixtures. enLighten only use LED lights which means there are no toxic elements, whilst also moving towards more sustainable packaging by reducing the polystyrene and plastic components and instead, are using recyclable cardboard wherever possible. Their Chamaeleon LED luminaire was one of the first products on the market that had inbuilt sensors, and this has allowed them to deliver up to 93% energy savings when retrofitting fluorescent tube lighting.



Award winner Steve Cahill, enLighten – Sustainability Award, sponsored by Clevertronics.

Integrating intelligent lighting into broader connected ecosystems

Ahead of her keynote presentation at the 7th Annual Australian Smart Lighting Summit on the 28th and 29th of August, **Katia Valerie Banoun**, Managing Director at Norwegian lighting competence network Lyskultur shares her insights with *Lighting* magazine on implementing interconnected intelligent lighting into broader municipal systems.

Across the globe, light fixtures are being transformed in unprecedented ways. From intelligent street lighting saving up to 70% of energy, to the development of monitoring capability, remote dimming and increasing of illumination, innovations in smart lighting implementation are rapidly shifting the way we experience and work with light.

To reap the benefits of these advancements, Katia Valerie Banoun, a board member of LightEurope (LE) says that municipalities must understand how lighting and its associated smart technologies can be utilised in the right place, at the right time, while fitting into a broader connected ecosystem.

“Councils can best utilise smart technology when defining the needs of their citizens and designing environments that fulfil these needs,” Banoun says.

Lighting can then act as the ‘backbone’ to a smart building or city, and even provide non-lighting-related functionalities by housing and powering the sensors and electrical devices that gather information for other applications. Ultimately, intelligent lighting can provide more control over the quality, flexibility, safety and scalability provided by a lighting system.

But this transformative potential can only be harnessed if the lighting fits within the overall

context of its smart city home. With our city populations multiplying rapidly, the need to provide locals with useful, necessary street and urban lighting becomes all the more critical.

“We are in the beginning of the fastest urbanisation process documented in history, transforming the planet from 200 countries into 600 cities, according to Dr Kjell Nordström”, Banoun says, referring to the Nordic business guru’s urbanisation hypothesis.

“These 600 cities, or urban centres, will account for 80-85 percent of the world’s population and for 90-95 percent of the world’s GDP within the next 30 years. We have to consider the needs of humans as we transform everything to be smart. Smart lighting is only beneficial for humans when it provides safety, security, and a good lighting environment for the right time and place.”

Taking a holistic approach from the very beginning can mark the difference between a poorly executed smart lighting project and one that hits the ground running as city-friendly and sustainable.

“Smart lighting systems (with sensors, advanced data processing, control loops and interoperability with entertainment, security, or building management systems) allow light to be dynamically adapted to the needs of the users,” Banoun says.

“This approach needs to address the issue of interoperability with other systems (e.g. building management systems, smart city infrastructure) from the start and needs to be open for the ever more advanced digital advantages, like intelligent maintenance and information transfer, as smart lighting can use sensor data to make sure the right lighting is provided where and when it’s needed.”

Providing contextual, responsive smart lighting within a municipality isn’t without its challenges. Norway’s current market, where design and building contracts allow an entrepreneur to seize entire responsibility for a project from purchase, to engineering, to construction, provides a prime example of the challenge facing the lighting industry there – and can certainly be applied to Australian markets.

New and intelligent lighting will continue to replace all Bergen street lights in 2019.



Photo supplied by Halvor Gudim

Tauro Black

High efficacy LED warehouse aisle high bay

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