20 November 2015

Lux Awards 2015: the winners!



(/article/2015/11/lux-awards-2015-the-winners-)

The lighting world's top manufacturers, boldest clients, coolest technologies and most awe-inspiring installations have been honoured at the Lux Awards 2015.

The Awards were presented in front of nearly 1,000 people at a glittering gala event at the Troxy in East London on the final night of the LuxLive event, which took place at ExCeL in London from 18-19 November.

From over 200 nominations, the judges drew up the initial short lists, tested products and visited projects the length and breadth of the UK to see them in action for themselves. Lux publisher Ray Molony said: "What makes our Awards unique is that we personally test every product on each shortlist and visit all the schemes assessed as possible winners. It means these awards have rapidly become the must-have trophies of the lighting industry and this year's candidates were stronger than ever.

"It is also gratifying to see that so many of the lessons and initiatives we have championed across the pages of Lux magazine and which are discussed and presented at LuxLive are being embraced by leading-edge clients, improving energy efficiency and creating better lit environments."

The winners of the 2015 Lux Awards are:

Controls Product of the Year



(http://gooee.com/)

WINNER

Prolojik for LightMatrix

The judges said that this product was a completely new topology that uses the strengths of various technologies to address common problems of controls in buildings.

HIGHLY COMMENDED

Lightify from Osram, which the judges predicted will have huge appeal when used in the poorly-served retrofit applications arena.

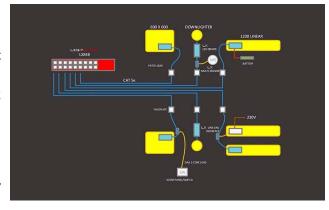
COMMENDED

LightSpot HD – Ex-Or by Honeywell, a product the judges said has been really thought through, and takes an existing technology into a new age of control.

About our winner

The Prolojik LightMatrix lighting system installed within the Centre for Social Impact department on Level 2 of the old Fire Station Building, on the campus of the PWC headquarters at 7 More London has provided some astonishing results.

The Prolojik LightMatrix installation demonstrated a potential to drastically decrease the timescales for installation and a



reduced requirement for skilled labour due to the simplicity and 'plug and play' nature of the system.

That, coupled with the fact that it's a safety extra low voltage system, and as such provides a reduced health and safety risk compared to traditional 230v lighting system, will greatly contribute to reduced project labour costs and provide opportunity to achieve programme efficiencies with a resultant CAPEX cost reduction.

However, probably a more significant result, and one that will have a massive impact on the UK's drive to zero carbon buildings, is the actual performance of the Prolojik LightMatrix system and the resultant reduction in the energy consumption. The results are truly ground-breaking, and it can be seen that the Prolojik LightMatrix solution required only 64% of the previous T5 fluorescent scheme's energy to light the space at full system output and provided an increase of 117 lux on the working plane. Prolojik LightMatrix provides 103 lumens /watt into the space which is double that of the T5 fluorescent scheme, resulting in an energy ratio of 5.19W/m² which is a 2.19W/m² reduction on the previous scheme.

The implementation of the Prolojik LightMatrix system provided an initial 30% reduction in energy on full system output to achieve an illumination level of 539 lux on the working plane. By further utilisation of the inherent features of the control system, such as automatic luminaire output regulation and daylight linking, the system can be tuned to provide the CIBSE LG7 recommended illumination levels within the space throughout the occupation cycle, and thereby provides an even greater opportunity to reduce the energy consumption.

Light Source Product of the Year

WINNER

LuxiTune Generation 3.0 by LED Engin

It doesn't get simpler than this said the judges, who thought this winning product created a beautiful lighting effect.

HIGHLY COMMENDED

Xicato XTM 9mm, a product that will open up more applications for remoter phosphor technology.

COMMENDED

MasterLED Candle DimTone from Philips Lighting, which the judges said retained its sparkle when dimmed and they called it a beautifully-made lamp.

About our winner

Developed by LED Engin, LuxiTune Generation 3.0 is an exceptional, tunable white light engine that is the first of its kind to truly deliver smooth halogen-style warm dimming from 1600K to 3000K and Correlated Color Temperature (CCT) tuning between 2100K and 4300K.

Available in 2200lm (LZP) or 1100lm (LZC) versions, the Zigbee ready Gen 3.0 light engine



can now be controlled with DALI, in addition to DMX and 0-10V that were existing control options. In-house testing with DALI DT8 controllers available in the market have successfully demonstrated

compatibility and full functionality.

Customer evaluation feedback on DALI implementation has been extremely positive. LuxiTune uses a compact, 11mm LES, single emitter to deliver high quality white light for directional lighting. This is the industry's smallest LES for a comparable flux output from a tunable white, high quality, light source. The tuning curves in the Warm Dim and CCT Tune modes track the black body curve closely and luminous efficacy is significantly high at 63lm/W with secondary optics and at steady state temperature.

Interior Luminaire of the Year

in association with



(http://www.philips.co.uk/)

WINNER

Kontakt by Unibox Retail

A product that the judges felt showed that the creators had put a lot of thought into creating an elegant solution that solves real problems in retail and that challenges the notion of what a luminaire is in an integrated world.

HIGHLY COMMENDED

Polaron IQ by Trilux for what the judges called a beautiful and elegant product.

COMMENDED

LuxLoopSunpipe from PhotonStar LED, described by the judges as a coherent application of the existing science of circadian lighting and a logical collaboration.

About our winner

As with most clever design, Kontakt makes it look easy. The shelf locates into the wall channels and the integrated LED luminaires instantly respond.

One such example of its ease of use and effectiveness was working in conjunction with the River Island shopfitting team, where Unibox Retail developed bespoke movable, illuminated shelving and lightbox technology



to help realise the brand vision. After installing LED lightboxes into the majority of River Island stores throughout the UK, as well as aiding RI's design team in creating a new concept store in Gateshead, Unibox Retail was involved in creating the new Bullring flagship store. The project included Kontakt – a bespoke illuminated shelving system and LED lightboxes, which were incorporated throughout the store in key visual areas, including a 10m x 2.5m display visible from outside the store.

Unibox Retail was involved from the very start of the design process, contributing to product display development and creating prototypes before a final concept was agreed. To complete the project to the

highest visual standard, new components and connectors were manufactured in-house.

Exterior Luminaire of the Year

in association with **LUMILEDS** (http://www.lumileds.com/)

WINNER

High Mast Advanced Optix (HMAO) from Holophane Europe

The winner is a product that the judges said conquers the final frontier for LEDs, noting its clever lens design and calling it a 'high mast that goes up to 11'.

HIGHLY COMMENDED

T-Max by Holophane Europe, was recognised for clearly considering the specific challenges of lighting tunnels in great detail.

HIGHLY COMMENDED

LumenfacadeInground from Lumenpulse. The judges said this is beautifully engineered with superb optics and deals well with the issue of moisture ingress.

About our winner

The High Mast Advanced Optix (HMAO) luminaire has been engineered for new and retrofit high mast applications. With the latest in high-efficiency LED technology, it provides a complete lighting solution for the simplest through to the most complex area lighting applications.

HMAO also has five dedicated distributions designed for all types of installations where



high mounting is required. The specially-engineered optical modules are designed to meet the highest performance standards and deliver outstanding visibility and uniformity.

By combining the latest in LED technology with an advanced glass refractor optic, Holophane Europe was able to break up the image of LEDs with a PrismGlow effect. This reduces the glare normally associated with individual LEDs and eliminates hot spots on the working environment, thus creating a more uniform lighting solution. The advanced optical control assembly is also rotatable, which allows on site alignments to specific lighting requirements.

Recycling Award

in association with



(http://www.lumicom.co.uk/)



WINNER

Bolton Council

The judges said of our winner: 'This is what best practice looks like in a major LED roll-out.'

HIGHLY COMMENDED

Balcan Engineering for its impressive achievements as a specialist company.

HIGHLY COMMENDED

Dexreco, which has demonstrated hugely impressive numbers of materials that have been recycled.

COMMENDED

Sainsbury's and GE for the We2 recycling service, from City and West.

About our winner

In 2014 Bolton Metropolitan Borough Council procured around 25,000 LEDs for retrofit throughout the residential districts of the borough over a period of two to three years.

As part of the procurement process, Bolton included provision for the recycling of the existing lanterns. Bolton awarded the contract to Marwood, to which the Holophane LED lanterns were party to.



The project started in May 2015. The energy and carbon savings in relation to the LED retrofits excluding any introduction of variable lighting levels is around 44% and 1709 tonnes of carbon. Based on 10p/kWhr, Bolton will make an energy saving of around £315,000 for residential areas only.

Marwood works closely with recycling body Lumicom when dealing with the current WEEE regulations relating to lantern disposals. A process and methodology has been put in place to allow Lumicom to recycle around 173 tonnes over the two-to-three-year period. Around 75% of this will be recycled back into the environment and the remaining into landfill.

Manufacturer of the Year

in association with



(http://www.arroweurope.com/markets-solutions

/markets/lighting.html)

WINNER

Aurora Lighting

The judges pointed to a company that demonstrated value-for money products with quality that consistently exceeds expectations, calling it a playbook in how you succeed in lighting.

HIGHLY COMMENDED

Ridi, which the judges called an unsung hero of the European lighting industry, which has great products and customer service to match.

HIGHLY COMMENDED

Trilux, which the judges called an "awesome engineering team", creating great luminaires time and again.

COMMENDED

Designplan Lighting, which the judges noted has made significant investments in its future, and has kept its focus despite the temptation to diversify. It has reaped the rewards with an envious order book from demanding clients like Crossrail.

About our winner

Aurora Group is the largest privately owned, vertically integrated, international lighting organisation. Specialising in the manufacture and distribution of high quality, competitively priced, energy-saving, smart LED lighting products, Aurora targets the professional trade, OEM/ODM and projects sectors.

Since its beginnings in 1999 in traditional lighting, the company has subsequently



transitioned to become an LED lighting industry leader with 85 percent of its sales in LED or LED-compatible products. Specialists in dimming, Aurora has tested its light engines with over 110 dimmers worldwide.

An East/West partnership, Aurora has a presence on every continent and employs more than 900 people at its world-class, state-of-the-art, integrated manufacturing facilities in Asia, Europe and the UK.

In June 2015, Aurora's Chinese testing laboratory was officially approved as a Nemko Qualified Laboratory. This means Aurora can certify its own products to a globally-recognised standard. With 100 percent in-house ideation, industrial design, R&D, manufacturing, engineering, testing, research and sales and marketing to over 70 countries, it can iterate more quickly and launch the most modern innovations to the global market.

Aurora leads the market with excellence in driverless downlighting for optimum lifetime and reliability. Its core technologies cover thermal management, advanced optics, IC design, firmware and software, control, EPI/LED packaging, lighting design, luminaire manufacturing and fire-rated technology to deliver the longest-lasting products.

Retail Lighting Project of the Year



WINNER

Intu for the Lakeside food court, Essex by Lighting Design International

Few shopping centre companies have done more to reinvent themselves than this winner, which has focused on leisure and food and beverage, plus digital in its centre asset management.

HIGHLY COMMENDED

Tesco, nationwide

COMMENDED

John Lewis, Oxford Street, London by John Lewis, Edge Lighting and Philips Technology

About our winner

The challenge was to increase brightness under deep set soffit areas by day (in balance with daylight in the atrium), while allowing lower level, more intimate lighting post dusk. Varying custom-formed, indirectly illuminated GRG linear ceiling profiles were developed, and stacked together to create the unique and randomised feature ceiling soffit.



During the day this provides indirect lighting

and increases brightness to balance against natural light. During the evening, the feature dims, allowing twin recessed downlighters to provide focused table lighting, saving energy and reducing the scale for improved ambiance.

LED sourced feature pendants are hung in rows over the seating groups to provide visual interest. Retail counters are framed on three sides by evenly backlit panels. For the central atrium area, two cross beam types were developed. Slimmer lower level beams with recessed diffused linear lighting architecturally divide the long space providing ambient lighting and decorative feature lines of light. Larger, higher level beams with black finished integrated slot conceal high output narrow beam adjustable track spotlights, providing pools of light to seating groups. Track mounted spotlights are controlled by astronomical time clock and photocell to be off during the day, unless light levels from daylight drop too low.

The perimeter ceiling soffit is encompassed by tessellated back-lit triangular stretch ceiling panels providing a bright, even soffit in balance against the daylit skylight dimming by night to provide a dynamic, consistent, highly-visible feature ribbon of light binding the scheme together.

Stretch ceiling panels were designed to have triangular form, backlit from the sides only, to increase dynamism, create a unique feature, reduce lighting flatness, visually divide long sections, decrease lighting quantities required and improve maintenance.

Above escalators either end of the food court 4 metres wide, 1 metre tall, 400kg pendants were developed to provide decorative light beacons to welcome guests to the new food court. Pendants are internally illuminated with white lighting, with the external perforated drum illuminated with colour or white

lighting, to allow white lighting by day, and dynamic colour lighting post dusk or for special events.

Industrial and Transport Lighting Project of the Year

in association with



(https://silica.com/webapp/wcs/stores/servlet

/en/silica)

WINNER

Rainhill station, Merseyside by Northern Rail

Awarded for a brave solution on a tight budget that enhances the architecture and creates a pleasant experience for passengers.

HIGHLY COMMENDED

Tottenham Court Road Underground station, London by London Underground and Designplan Lighting

COMMENDED

Nestle Project Dove, Burton upon Trent from Nestle and Philips Lighting

About our winner

Rainhill Station has had new smart LED lighting installed to improve the overall customer experience at the station. The station was chosen for the trial of this technology for a number of reasons. The lighting on site had suffered from previous lack of investment and also vandalism. As the site was the location of the locomotive trials in October 1829, the site is steeped in history.



It was important to integrate new technology into the historic station without any detriment to the location. The lights previously installed on site included internal SON units, 6ft fluorescent fittings and HID external HID column top units. They were replaced with DEXECO's Impervia LED column, Hydra LED, MODLED and Amenity Plus LED.

The external lights are equipped with the DEXECO R44 and R11 passive infra sensors which control the lighting levels both on the platform and under the canopy. They are programmed to dim the lighting to 10% of the normal levels when there has been no movement in the area for 30 seconds.

This leaves the platform illuminated and welcoming while minimising the energy consumption of the station.

To date this project has saved over 28000 kWh of electricity on site. As well as delivering excellent savings in energy consumption it has also improved the customer experience by ensuring that the station is welcoming and inviting. This has assisted Northern in moving towards its goal of creating a railway the North can be proud of.

Hospitality and Leisure Lighting Project of the Year



WINNER

Fera at Claridge's, London by Lighting Design International

The judges said they loved our winning project for its detailing and integration.

HIGHLY COMMENDED

Quaglino's, London by Into Lighting for its drama.

About our winner

The main objective was to create an elegant, young and fresh restaurant within the double height space, respecting the Art Deco glamour of Claridge's with minimum obvious intervention.

LDI worked closely with the interior designer to celebrate the Art Deco styling in new and exciting ways by concealing the latest Deco styling seamlessly into all the details for



maximum visual impact that could subtly change throughout the day. The joinery into the restaurant starts through a small doorway in a corridor from Claridge's. The first impact is a tiny space surrounded by red velvet curtain and this leads into the glamorous rotunda with the gilded historic ceiling. This was lit using a perimeter of custom back lit finials and the marble floor emphasised by a narrow beam spot set deep within the ceiling rose.

The Rotunda's ribbed glass entrance to the main restaurant is backlit using tuneable white LED strip so that the colour of light can vary from 3000K at lunch time when daylight comes through the windows to 2200K at night, almost candle like in quality.

The drama of the double height volume was emphasised with the backlit impressive sunburst laylights. These used the same LED tuneable strips, again cooler during the day and warmer at night. What was essential was to control the sunburst separately to create contrast and life to the skylight.

Detailed within the beams, what appears as dark grilles for ventilation are the remote-controlled pinspots that focus on each and every table creating an intimate feeling within the restaurant and are totally concealed.

Localised lighting, both decorative and detailed, into the brass railing brought the scale to a human level and emphasised the intricate brass rails. The overview of the stylish space with the custom picture lights and details of uplit niches are all balanced to create the perfect ambience.

Education and Healthcare Lighting Project of the Year

WINNER

The Investcorp Building, St Antony's College, Oxford University by Arup

Awarded for what the judges noted was a well thought out and executed project.

About our winner

Arup's design achieves spectacular results, turning the hanging staircase into an ethereal, floating feature through innovative back lighting, and lending depth and drama to the wood-panelled lecture theatre through recessed light strips.

As part of the Middle East Centre in Oxford University's expansion, the new Investcorp building doubled the space with a new



118-seat lecture hall and an additional 1,200 square metres of space. Innovations include:

Library Reading Room scoop lighting

The Reading Room scoops provide two functions: during the day they allow skylight to enter and during the night they hide the downlights that illuminate the space. Using radiance software, Arup tested the lighting effect and determined the size, shape and positioning of the scoops within the building's architecture. Consideration of the local climate and solar position ensured the Reading Room was uniformly illuminated by skylight while sunlight is excluded.

Minimising the impact of the electric lighting equipment from the architectural form was one of the project's priorities. This forced Arup to look for a discrete lighting system to provide direct and diffuse light to the space. The solution was to use recessed luminaires within the skylight scoop. By considering the beam and aiming angle of the luminaires, Arup designed a bespoke scoop within a scoop to house the electric lighting. This innovation meant the light fixtures remain hidden, while allowing unobstructed daylight to enter.

Staircase discreet lighting

The brief required Arup to create a staircase that was visually stunning and discreetly lit. One challenge was to overcome the tight curvature of the staircase.

Arup did this through pioneering use of LED lighting which was not commonly used when the project began in 2007. Utilising LED strip lights meant Arup filled the curve and allowed indirect illumination around the staircase, creating soft lighting around the stairs whilst enhancing the architecture and eliminating visual clutter.

Lecture Hall flexible strategy

The lecture hall on the ground floor also required a flexible lighting strategy. The systems composed of two layers: LED linear slotlights for direct illumination, and curved LED strips hidden within the ceiling recess for soft diffuse light. These two systems can be used together or independently to accommodate a series of functions such as presentations, speeches or the screening of movies. Arup developed controls to alter scenarios meaning the room is adaptable and easily controllable by the end user.

Office and Workplace Lighting Project of the Year



WINNER

Sainsbury's Digital Hub, London by Cundall Light4 and Sainsbury's

The judges said that they loved this project for its 'boldness' and 'strong language'. It rose to the challenge of a dark basement space where 'you hardly notice the absence of daylight'.

HIGHLY COMMENDED

Ascot Underwriting, City of London by Nulty+

HIGHLY COMMENDED

Manchester Town Hall by BDP

HIGHLY COMMENDED

Yahoo's European headquarters in Dublin by D Light Lighting

HIGHLY COMMENDED

Atrium Office and Showroom, London by BDP

About our winner

The client provided a very clear brief: deliver an office lighting solution which provides the qualities the staff need to undertake their tasks, reflects the latest research in office lighting, helps to attract the best staff and delivers an energy-efficient installation.

The design process began with the lighting designers visiting the space. This was a 5.5m high basement storage area with access to



daylight via roof lights at one end of the office. The visit made it clear that a link to the shift in daylight colour, a bright ceiling and a vibrant lighting design were essential to overcome the basement location.

The client provided plans and sections through the basement space to allow the lighting designer to understand the architectural proposal. The architect had designed a series of ground and mezzanine level group work pods, scrum rooms, client meeting rooms, a collaboration stage / stair and a kitchen. In pursuit of a unique solution the client asked the lighting designers not to immediately contact the architect and instead create a lighting solution based on the architect's plans and knowledge of the company's ambition for its staff and the office space.

The programme to develop the lighting concept and select the products for ordering was just four weeks. In this time Cundall Light4 created a design which took its inspiration from the films Blade Runner and 2001: A Space Odyssey. The concept captured the high-tech, purposeful and deliberate lighting effects from those films.

The hexagonal work pods reflect the scene in 2001 where Dave walks through the airlock in his battle with HAL 9000. The scrum rooms are provided with a repetitive binary code to reflect the design of computers which can endlessly process the same tasks and deliver the same answer. The mezzanine balcony and area below the balcony are provided with barely a sufficient level of light to allow a person to see the next task area they really need to focus on. This follows the Blade Runner strategy where the area of interest was always in stark contrast to the surrounding areas.

Outdoor Lighting Project of the Year

WINNER

Wembley Stadium arch, London by Thorn Lighting

The winner rose to the occasion of this demanding lighting task, said the judges of the iconic project.

COMMENDED

82 Baker Street, London by Studio-29. The judges said that period façade lighting doesn't get better than this. Tony Rimmer is a master of his art!

About our winner

Wembley Stadium connected by EE lighting partner, Thorn Lighting, has replaced the stadium's iconic arch lighting with a custom LED lighting system designed for full colour as well as special moving light effects.

The new lighting means the arch can be illuminated in an endless range of colourful possibilities. Roger Maslin, managing director at Wembley National Stadium, explains: 'We



can now use the arch to make big, bold and entertaining statements which can be seen right across London. With so many lighting scenes the possibilities are fantastic. From the St. George's Cross and team colours to highlight goals for big games, to solid and moving colours for event lighting, to the corporate colours of our sponsor EE and charity partners. The lighting is transformational and exciting.'

Pat Holley, senior lighting designer at Thorn, who created the lighting design scheme throughout the project, says: 'The arch's lighting system consists of a dynamic floodlight with red, green, blue and white LED chips. 50% of the LED chips are white and the remaining are equal quantities of red, green and blue.' Kevin Stubbs, UK technical manager, adds: 'Importantly, Wembley wanted the new 'whiter' LED white to match the white achieved with the old metal halide system. We therefore had to tune the LED white to achieve this consistency.'

Standing at 133m tall with a span of 315m and a diameter of 7.4m, the arch is the longest single span roof structure in the world. It is so big the London Eye could fit beneath it and a train could run through it. When lit on a clear evening, the arch can be seen from as far as 13 miles. Wembley's onsite specialist subcontractor, Hollandia – an expert in the access and maintenance needs of the arch – installed the new lighting.

To speed up installation, Thorn coordinated and designed a custom bracket to allow the existing fixings to

be used. The heart of the new lighting solution is the controls system, designed by Thorn together with a partner, which brings the endless possibilities the LED lighting installation provides to life.

Controls Project of the Year

WINNER

Next, Rugby by Lumenpulse

In this project, the winner has 'cracked the controls-in-retail nut' said the judges.

HIGHLY COMMENDED

Lighting of a private residence, in Wandsworth, south west London by MS Lighting Design, which the judges said, with its radical controls installation for a home, points to a connected future.

About our winner

Leading high street fashion chain, Next, opened its doors to the public in Rugby, Warwickshire, this July, with a brand new, purpose-built store. Whilst the retail store consists of the usual lighting format supplied by Lumenpulse AlphaLED following a stringent selection process, this store also benefits from the unique controls system, Lumentalk, manufactured by Lumenpulse. The store is the first live project in the UK to install the Lumentalk system.



Lumentalk is a breakthrough technology that turns existing electrical wiring into a stable, noise-free high-speed communications link for data, enabling LED fixtures to be reliably controlled without additional wiring. With Lumentalk technology, LED fixtures can be dimmed and controlled over existing power lines.

The key driver for Next installing this technology is to successfully reduce energy consumption throughout the store and, over the long term, across their extensive portfolio. The impressive daylight entrance with glazed areas to the front is equipped with daylight sensors programmed to dim when there's a natural source of daylight.

Occupancy sensors are located throughout departments so the lighting can be dimmed, and energy saved, when there are no customers present. An example of this would be the changing rooms which are not always occupied throughout the day.

The Lumentalk system has been programmed to control the lighting levels for out of hours services such as cleaning and stock-takes, where full lighting is not necessary. This replaces the existing system Next use, automatic switching circulatory, which simply switches off a certain percentage of lighting throughout the store.

The Lumentalk system is controlling in excess of 400 luminaires in this branch, all through power line communication. The system is controlling via a Lumenlink across all three phases, as opposed to just one.

Client of the Year



Awarded for the industry's most outstanding end user who has really understood the value of innovation in lighting.

WINNER

Bupa

Awarded to an organisation whose lighting strategy goes beyond energy efficiency and the standards and embraces its potential to improve the wellbeing of its staff and patient

HIGHLY COMMENDED

Nestle, a company who challenges lighting suppliers to deliver the best possible installations.

About our winner

Bupa has rolled out an LED lighting refurbishment programme to assist compliance with its Environmental 2020 policy to reduce energy consumption and carbon impact globally, while also improving the living and working environment.

BUPA UK has in excess of 300 care homes, including 63 multi-sites with over 90 beds, 34 two-storey sites with 50-80 beds and 33 sites



built before 1900 (nine of which are listed properties). In addition there are 56 health centres and various hospitals, offices, factories and distribution centres. All have been surveyed with lighting upgrades proposed and actioned.

BUPA UK has created a £30m Energy Saver Fund (£50m globally) to spend on energy-saving schemes throughout its UK premises. The 2014/15 UK lighting budget is £6 million.

The overall results of all of its energy-saving initiatives will achieve a 20% BUPA UK energy reduction from 2009 figures by the end of 2015. LED lighting represents a significant part of this as it often consumes half the power of conventional products. BUPA UK consumes 16 million kW of electricity per annum. The BUPA UK roll out is unlike many other lighting refurbishments in that the operation runs 24 hours a day, 365 days a year. With 18,000 residents, their well being must be at the heart of product selection, planning and installation alongside the needs of the 21,000 staff.

If you consider 75% of care home residents have a form of dementia, care must be taken to select products that will improve navigation, colour recognition and general well-being. To meet BUPA UK performance demands, the latest LED technology had to be used to gain the efficiency required to achieve a five-year payback. The bulk of the products selected are significantly more efficient than mainstream products in the LED market. Performance and reliability were the priority so even after payback was achieved enhanced benefits continue. This was important to BUPA UK as many of their properties are very

long term investments.

Products offered on this roll out have also been optimised to be ECA compliant wherever possible to assist BUPA UK make use of the allowance as effectively as possible. During 2014, nearly 11,000 fittings qualified for the ECA.

The Society of Light and Lighting Young Lighter of the Year

WINNER

Youmna Abdallah, lighting designer at MBLD

For her dissertation on Light Poverty in Precarious Environments within Developing Countries

FINALISTS

Christina Hébert, senior lighting designer at Nulty+ for A Symbol of Urban Identity

Inessa Demidova, lighting designer, GIA Equation for the Practical Implementation of Circadian Lighting in Office Environments

Zeynep Keskin, PhD student, Lighting Research Group, School of



Architecture, University of Sheffield, for Daylight and Seating Preference in Open-plan Spaces

Lux Person of the Year

in association with SMSUNG (http://www.samsung.com/uk/home/)

This award is presented by the organisers to a person who, in their view, has made a truly outstanding contribution to the lighting industry.

WINNER

President of the Society of Light and Lighting, Liz Peck

About our winner

The judging panel cited Liz for 'her personal passion and energy' in promoting the cause of good lighting. In her 15 years in the lighting industry she has made 'an enormous contribution to the lighting family and the wider community'. While running her own independent lighting design practice, she works tirelessly and gives freely of her time in industry initiatives and organisations.

This year, she was one of the founders, and one of the driving forces behind the Night of Heritage Light, a

hugely successful event for the International Year of Light which attracted widespread press and television coverage and achieved millions of interactions on social media. To cap a great year, in May, Liz became president of the Society of Light and Lighting.



Related articles

YOU could be a winner at the Lux Awards Middle East (/article/2015/11/you-couldbe-a-winner-at-the-lux-awardsmiddle-east)



(/article/2015/11/you-could-be-a-winner-at-the-lux-awards-middle-east)

LuxLive launches in Middle East (/article/2015/10/luxlivelaunches-in-middle-east)



(/article/2015/10/luxlive-launches-in-middle-east)