



lighting today

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ON THE COVER
SEB Bank

The variable spectrum lighting in the huge SEB Bank administration building in Vilnius, Lithuania is the first project of Gaudré, UAB. Helvar was entrusted with one of the most important aspects of creating the mood of the space – lighting. **p32**



ON THE COVER

SEB Bank in Vilnius, Lithuania. Photography: Sandra Patapienė, Romas Patapas

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Dear Readers,

Happy New Year to all of you. Thank you for showing your continued support to Lighting Today from the time it was available in print to its digital version now. Our main focus for the 2022 issues will still be on Architectural Lighting – as it is the most important part of any building structure or facade. However, to keep up with the trends, we have introduced Smart Lighting & IoT – an area which most of you are already familiar with. We hope to show how architects have incorporated smart lighting technologies in their projects to enjoy both energy and cost savings. Our product showcase section will continue to bring you current and new lighting products available in the market. We aim to cover all types of Ambient, Task and Accent lighting products which could be useful for your projects. For now, enjoy this issue and we will be in touch again.

Amita Natverlal
Editor

VOL 2 / 2022 TOPICS

- **Architectural Lighting:** Healthcare Facilities & Industrial Buildings
- **Smart Lighting & IoT:** Human-Centric Lighting
- **Lighting Product Showcase:** Ambient Indoor & Outdoor Lighting, Task Lighting and Accent Lighting

25-28 February 2022**Prolight + Sound Guangzhou 2022**

Guangzhou, China

Website: <https://prolight-sound-guangzhou.hk.messefrankfurt.com>**12-15 April 2022****Hong Kong International Lighting Fair 2022**

Hong Kong SAR, China

Website: <https://event.hktdc.com/fair/hklightingfairse-en/HKTDC-Hong-Kong-International-Lighting-Fair-Spring-Edition>**9-12 June 2022****Guangzhou International Lighting Exhibition**

Guangzhou, China

Website: <https://guangzhou-international-lighting-exhibition.hk.messefrankfurt.com>**21-23 June 2022****Lightfair 2022**

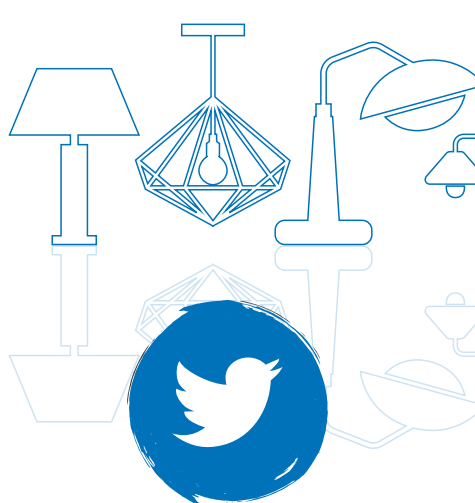
Las Vegas

Website: <https://www.lightfair.com/las-vegas-2022>**30 November -
2 December 2022****Thailand Lighting Fair 2022**

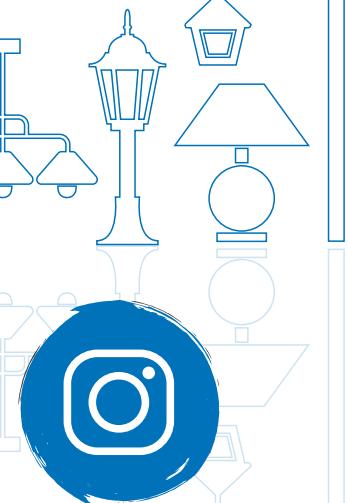
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211 Tower p20



Decathlon Experience Store p24



Atelier Sandra Mansour p28



Environ by ATPL p36

contents

03 EVENTS CALENDAR

05 LIGHTING IN THE NEWS

ARCHITECTURAL LIGHTING - COMMERCIAL & RETAIL

20 211 Tower

24 Decathlon Experience Store

28 Atelier Sandra Mansour

32 SEB Bank

SMART LIGHTING & IOT - HOMES

36 Environ by ATPL

38 PRODUCT SHOWCASE

Alluring lighting design draws visitors to an eclectic downtown Fort Lauderdale apartment complex

Fort Lauderdale, Florida, United States – “Choose Happiness” is the motto of a social housing complex in downtown Fort Lauderdale, Florida. It sets the tone for the philosophy of the Las Olas Society, which offers rental apartments dedicated to individuals looking for the ultimate environment to live, work and play in. Residents are seduced by the wide range of amenities and affordable rents.

A parking garage connects the two residential towers. Underneath this parking lot is a covered passage that houses a variety of restaurants and retail outlets. The latter also serves as an entrance hall to the complex. The developer commissioned HLB Lighting Design to create a unique lighting design for this passage.

“They wanted a spectacular experience,” said Simi Burg, Associate Director of HLB Lighting Design’s Miami office. “We were looking for something inviting – something that appeals to passers-by and draws them inside the mall.”

Burg opted for a selection of Lumistik CL622 and CL642 luminaires from Luminis to illuminate the space. The 24” and 48” suspensions, ideal for high ceilings, are installed to create random patterns through the cement ceiling. Lumistik’s LED light source is enclosed in a sealed acrylic cylinder, designed to provide a uniform light column.

“The overall effect of the lighting gives the impression of floating candles,” said Burg.

With their 6-inch diameter, the fixtures are an ideal size, since they look graceful and uncluttered, rather than bulky and imposing, in the 30-foot-tall space.

The ocean breeze and occasional hurricanes are part of the reality of the Fort Lauderdale community. In this sense, the lighting of the covered passage has been specified with a concern for reliability and longevity. Lumistik suspensions are made of an anti-corrosion aluminum alloy and are designed to withstand extreme weather conditions. Particular attention has been paid to the choice of an adequate support according to the wind, but also to the



Photography credit: Chad Baumer

vibrations caused by the cars circulating in the parking lot above.

The Luminis team proposed a mounting solution where the safety cable is housed inside a secure rod. As the same option had proved successful in an earlier metro tunnel project where comparable wind and vibration conditions had to be contended with, it was considered to be the best solution for the covered passage.

Regarding safety, it was necessary that the luminaires produce a comfortable level of light depending on their location in the city center. Since it is a transitional space, the light could not be too dim during the day or too bright at night, since visitors arrive from adjacent environments with very dark or very light brightness levels. It was essential that they could easily adapt to the brightness as soon as they entered space. In this sense, brightness levels

are managed by pairing the luminaires with an automatic photocell dimmer. All luminaires are designed with a colour temperature of 3000K so that they blend with the adjacent interior lighting, while ensuring that residents and visitors feel safe when travelling through the covered passage to the entrance of the residences, or in shops and restaurants.

The architects managed to extend the spectacular aesthetics of the cylindrical lighting design beyond the covered passage. Lumistik CL640 columns and Lumistik CL623 bollards illuminate the pedestrian and vehicular traffic lanes of the land surrounding the property. Finally, the pool terrace is also equipped with CL640 columns.

“Lumistik creates a beautiful, soft, good quality light,” concluded Burg. “The entrance experience, especially the lighting design, really elevates the neighbourhood.”

PROJECT DATA

Project Name: SOCIETY LAS OLAS APARTMENTS

Location: Fort Lauderdale, Florida, United States

Category: Outdoor lighting

Completion of work: December 2020

Lighting Designer (covered passage only):

HLB Lighting Design

Agent Luminis: Power & Lighting Systems Inc.

Brian Dowd joins Ayrton as designer relationship manager for North America

Paris, France – As Ayrton continues to expand its international designer relations and sales teams, the company is delighted to welcome Brian Dowd as its new designer relationship manager for North America. The new role takes effect from 1 October 2021.

Dowd brings to Ayrton nearly 45 years of experience across almost every aspect of the lighting industry, from production and rental to distribution, sales and leadership roles in a variety of companies. His new role will see him work with lighting designers, specifiers and key production contacts to excite and develop the market for Ayrton, supporting the work of Ayrton's North American distributor, ACT Entertainment.

"I am thrilled by the opportunity to join the Ayrton team," stated Dowd. "I have always felt that Ayrton designs and

produces the highest quality automated fixtures in the world. It will be an honour to help grow the brand. The years I have spent nurturing relationships will be well served, and developing new ones will be exciting. I have known many of the Ayrton team for a long time so it will feel like home right away," he added.

"Brian's previous experience with Ayrton from his time at ACT Lighting means he knows the product well and understands the Ayrton philosophy," said Michael Althaus, Ayrton's Global Sales Director. "His work with major US companies has enabled him to develop a breadth and depth of understanding of designers, their needs and the market, which is important to us," he added.

"While we are very excited to welcome Brian back on board in this new role, we are also very grateful for everything Chris Lose has achieved in



Brian Dowd

this role over the past couple of years," concluded Michael.

Brian Dowd joins Ayrton as Designer Relationship Manager for North America from 1 October 2021.

Claypaky Xtylos won "The AVard", a prestigious award for the best in Entertainment sector technologies

Seriate, Italy – Claypaky Xtylos won "The AVard", the ProAV Awards in Germany (www.the-avard.de) as "Best Entertainment & Infotainment Product".

The award ceremony, hosted by Professional System magazine and supported by many other leading industry publications, took place as part of the gala evening held on 4 November at the CCD Congress Center in Düsseldorf.

This prestigious award follows those already won by the Claypaky Xtylos in 2019: LDI Best Debuting Product in Lighting and PLSN Best Advancement in Lamp Technology.

Claypaky CEO Marcus Graser said: "The Xtylos is an innovative, energy-efficient and yet powerful unit! We are very pleased with this additional award, after those it won when it debuted on the market. The Xtylos incorporates unique technology that benefits our entire industry."

The Xtylos was launched on the market in late 2019. However, as a result of the pandemic, almost all the events where the Xtylos could have been



Massimo Bolandrina, Claypaky (left) and Claas Ernst, VisionTwo (right) receiving "The AVard"

Photo: © Petia Chtarkova

used successfully were cancelled. This year we were finally able to see all the innovative potential of this fixture at the Eurovision Song Contest (ESC). Almost

500 Xtylos units played the main role at what is one of the most celebrated and highly watched shows in the world.

In the meantime, Claypaky R&D has been developing this unique line of laser-light-source fixtures. The company has recently started marketing the XTYLOS AQUA (a weatherproof version, featuring IP66 protection rate) and the MINI XTYLOS HPE, a very small, compact but extremely high-performance version of the Xtylos.

Massimo Bolandrina, Claypaky Area Manager for Germany, said: "We are glad to win such a prestigious Award and seeing the Xtylos being selected by such a wide number of professionals, ahead of many other major Entertainment & Infotainment technologies. The Xtylos is a unique product, which stands out for a whole range of creative solutions to LDs, and at same time being a safe investment for customers. I would like to deeply thank all the team in Germany at VisionTwo, our partner, which supports our brand perfectly on both technical and promotional side and congratulate them for this mutual important success."

Indigenous themes conveyed through illumination at First Nations resort

Saskatchewan, Canada – Whitecap Dakota First Nation has created a destination resort like no other in Saskatchewan (Canada). Dakota Dunes Resort is a self-funded project showcasing Indigenous themes and creating unique cultural experiences for its visitors and guests. Completed during the height of the pandemic, the 155-room hotel and conference centre is the final piece of a hospitality complex that includes a casino and golf course.

aodbt architecture + interior design, in collaboration with LEMAYMICHAUD Architecture Design during the initial phases, worked with the Whitecap Dakota First Nation to design and develop this multi-million-dollar resort hotel. The overall motif explores the Indigenous themes of Fire, Water, Earth, and Air, each of which is represented in a specific area of the hotel.

In the early stages of the project, the intent was to design and produce custom lighting fixtures. However, the pandemic created various challenges concerning availability, so the aodbt team collaborated with Titan Electrical Group Inc. to re-imagine the lighting. Eureka Lighting luminaires were selected for several areas of the hotel.

Water is the theme for the exhibit corridor, which is the main artery between the lobby, conference rooms, and the bar and restaurant. Floor to ceiling windows line one side. In this space, Celeste luminaires are suspended over exhibit cases along the windows, which display Indigenous artifacts and special gift shop items. The clean, minimalist pendant features an elegant artisanal casted glass disc. Light is blended through an internal diffuser, sending warm illumination over the cases below.

“We selected Celeste because of the organic shape of the glass on the fixture and the ability to stagger multi-stack fixtures; this blended seamlessly with the element of water in this corridor,” said Nicole Tiessen, Principal at Aodbt and Lead Interior Designer for the hotel. “And we staggered single and double luminaires along the corridor to create the illusion of rain coming down,” added Nicole.

Eureka’s Focus luminaire provides ambient lighting along the corridor, installed as pendant and surface mounts along ceiling tracks. The luminaire spotlights decorative features along the hallway while effectively illuminating the floor below. A black finish against a black track and ceiling ensures that it effectively blends into its environment.

Earth themes are illustrated in the restaurant and bar areas. While the restaurant is not a large room, its ceiling is very high. So, lighting was used as an architectural feature to define different zones within the space. Four Alver luminaires are suspended below acoustic bulkheads to illuminate the seating areas. Nine light sources around the 42” diameter ring provide uplift to the wooden bulkheads and down to the tables. And because of its large scale, the lighting location does not limit the placing or spacing of the furniture.

The importance of the cattle industry, and the role of the bison in traditional Indigenous culture, is represented in the restaurant and bar through the colour palettes, fabric, and graphics. Designers chose Eureka’s Mute fixture for the bar area because its shape and felt panels subtly represent a basket weaving. Ten oversized pendants are suspended randomly and



Photography:
© king rose
visuals

at different heights across the elevated bar ceiling, bringing down the visual volume of the space. In two neutral colours, the luminaires also complement the textures and colours in the rest of the room.

“Mute’s acoustics properties were an unexpected bonus for us,” said Tiessen. “The luminaires help to control the ambient noise generated from the high ceilings and cement floors but also creates a visual that is soft, layered, and textural,” added Tiessen.

Guestroom design reflects the Air theme, with plenty of natural light, patterning in the carpet, and a lighter colour palette. From the Nation’s leadership, Chief Bear, a headdress photo has been transformed into a graphic wallpaper behind every room’s headboard. The sacred piece needed to be the focal point. In place of standard table lamps, designers used sleek Scout pendants above each nightstand. With a small 2.75” aperture, the 18” high black pendants are discreet while directing a narrow beam of light over the surface.

The project has been a significant one for the Whitecap Dakota First Nation, bringing significant employment opportunities during construction and now in operations and management. It has generated a good deal of excitement and positive feedback, and the community is incredibly proud of the result.

“Our team was honored to be a part of such an important project for Whitecap Dakota First Nation and to have created something special for the community” Tiessen said. “We are thrilled with how the lighting complements the architecture and supports the Indigenous themes throughout. Each fixture in place adds a lot of interest and depth to our design concept,” added Tiessen.

PROJECT DATA

Project Name: Dakota Dunes Resort Hotel

Location: Whitecap Dakota Unceded Territory, Saskatchewan, Canada

Architect/Interior Design: aodbt architecture + interior design and LEMAYMICHAUD Architecture Design

Eureka Agent: Titan Electrical Group Inc.

Completed: October 2020

Photographer: king rose visuals

Breathing new 'Light' into the Heritage Hotel

Jaipur, India – Lightbook is an internationally acclaimed lighting design practice established in 2008. Founded by architect and Lighting Designer Vinayak Diwan, the practice aims at integrating light into one's project by weaving a story between the architecture and the user. Culture and context play a huge role in defining the type of lighting design for a project. It has bespoke projects across India, Middle East and UK, mainly focusing on hospitality, F&B, high end residences, commercial & corporate environment. Recently, the company was appointed the lighting designer for Devi Ratn Hotel renovation project in Jaipur, India.

It is imperative to be conscious of lighting when designing for a space as spectacular as the Devi Ratn Hotel in Jaipur. The right play of light makes a space come alive, which is what we at Lightbook, achieved with this luxury hotel.

Spread over 20 acres, the Devi Ratn was a renovation project taken up by Designers Group in 2019. It was to have a unique identity in terms of the intricate Rajasthani elements in its design and through its flamboyance. Light here was not meant to be an accessory to interior design but an equal mainstay of grandeur. Ambient lighting and natural light were engineered in creative ways to do so.

The play with light begins at the entrance lobby, where a red stone jail adorns the roof, allowing daylight to filter in and create a play of light and shadow. Warm white natural light is concentrated at a higher level and made to disperse as it comes lower, to create a cascade of light- an immersive view while sitting in the lounge and soaking in its beauty. Special high lumen engines are fitted in selective places like the reception area, sculptures, furniture and other high points of the space, for focused lighting requirements.

The central light installation is crafted out of acrylic and is inspired by a Jaipur chandelier. It has pre-configured RGBW settings based on daily use at the hotel. The skylight theme follows into the 'Mandala' bar, a circular space with a hypnotic mirrored ceiling. The combination of a glittering ceiling with white curtains sets a celestial theme to the space, only enhanced by the bar which is set to various colour themes.

The dining space with a ribbed vault ceiling emulates a different mood during the day when it has daylight, versus at

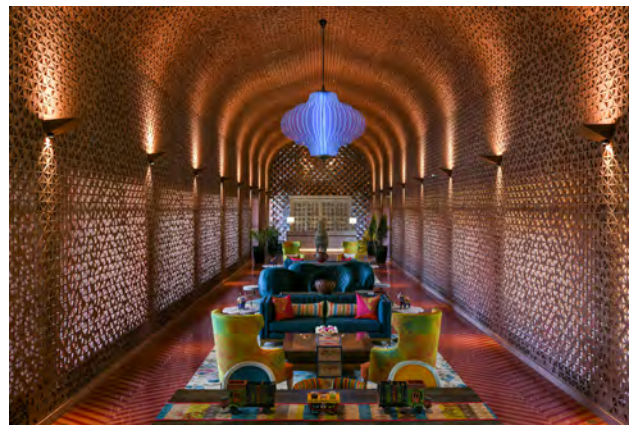


Photo: © Prashant Bhat

night when it is lit by a bespoke pendant light. The ambient lighting follows into the corridors to the food and beverage areas, which are void of typical downlights. Instead, they have indirect lighting and selective focus on elements, all the way to the public areas. Based on functionality, the public areas are maintained muted, using only strategic accent lights. The lighting in the guestrooms on the other hand is versatile and can be altered as per usage.

Set at the foot of the Aravalli mountains, the Devi Ratn is memorable because of its ultra-modern design. The emergent lighting experience proves to be wholesome, a marriage of traditional Rajasthani elements and modern interior design.

PROJECT DATA

Project Name: Devi Ratn Hotel

Location: Jaipur, India

Client: 7 Apple Hotels

Architect: Designers Group, India

Lighting Designer: Lightbook, New Delhi

Opened: Renovation, 2019

Magnitude Lighting Inc. announces three new agency partners

Tustin, California, USA – Magnitude Lighting Inc., manufacturer of advanced LED drivers and transformers, is adding three new partnerships to their comprehensive list of agencies and distributors. The additions include Florida-based Lighting Dynamics Inc., Georgia-based T&T Lighting Group and Iowa-based Strauss Architectural Systems. All three companies will represent Magnitude Lighting's complete line from the AC-

Series to the X-Series of magnetic and electronic drivers and transformers.

"Expanding our agency network in the South and Mid-west is a top priority for us," noted Jim Giorgio, Director of Sales at Magnitude. "All three are up to speed with our product line and are sure to have a positive impact on sales," he added.

Established in 1991, Lighting Dynamics Inc., (LDI) represents over 110 manufacturers in commercial and



Jim Giorgio, Director of Sales at Magnitude.

residential lighting and its rich portfolio of projects includes distinguished venues and institutions located throughout southern Florida. LDI prides itself on its passion for the lighting industry and its commitment to always doing business in an ethical and truthful manner.

T&T Lighting Group is a well-established lighting agency in Georgia, South Carolina, Tennessee, North Carolina, Alabama, and Northern Florida. T&T Group represents top-of-the-line manufacturers in residential and commercial lighting and is a leading lighting specialist for custom builders,

track builders, multifamily housing, and showroom displays.

Strauss Architectural Systems also represents a full line of exterior and interior lighting solutions, and their expanding territory includes Nebraska and Iowa. Strauss' mission is to provide world class expertise and support while ensuring the best solutions for the most challenging layouts and designs.

"Magnitude Lighting is dedicated to educating and supporting our agency network. They are our boots on the ground and we're very excited to add three stellar companies," concluded Giorgio.

MAGNUM lights Epicurean Hotel Grand Opening with help of Proteus Maximus™

Atlanta, Georgia, USA—MAGNUM, a full-service entertainment technology company based in Atlanta, was asked to light the Grand Opening celebration of The Epicurean Atlanta, a state-of-the-art culinary-themed hotel with a demonstration kitchen/theatre that is poised to become the city's focal point for culinary programming.

To light the exterior of the hotel for the September 23rd event, MAGNUM needed a powerful IP65-rated fixture that could project eye-catching effects while handling any weather condition and chose 24 Elation Proteus Maximus™ fixtures to get the job done.

"We were presented with the challenge of making a unique and memorable experience for the Grand Opening of Epicurean, and Elation's IP-rated Proteus Maximus fixtures were ideal for this situation," said Taylor Chandler, Project Manager at MAGNUM. "The evening event was outdoors and the weather was questionable. We needed a powerful, bright fixture to light the hotel, and the Proteus Maximus gave us the brightness we needed and peace of mind with their IP-rating," added Taylor.

MAGNUM, who acquired the Maximus fixtures in early August, used 12 units to illuminate the side of the building while an additional twelve were used to project gobos onto the building and light the swimming pool area.

The Proteus Maximus is an IP65-rated 50,000-lumen LED moving head that is routinely used to light some of the world's largest outdoor shows and events and is increasingly used for outdoor theatre and film production. The fixture can be used as a profile, beam or wash light and houses a complete FX system (2 gobo wheels, animation, zoom, iris, dual prisms, dual frost), including a full blackout framing system. Its 950W white LED engine delivers a level of brightness that can reach across great distances.



Multimedia Unity: German Unity Day staged with Ayrton Perseo Beam and Domino-S



Photo: © Saxony-Anhalt State Chancellery Thomas Meinicke / Alexander Cevolani

Paris, France – On 3 October 2021, 200 drones took to the skies above Burg Giebichenstein in Halle (Saale) and assembled themselves into symbols and catchwords of German Unity. The exclusive multimedia drone show by Jens Hillenkötter and his company JH Technology Arts was the highlight of the closing celebrations for German Unity Day, which were broadcast live on television. One floor further down - in the inner courtyard of the castle ruins - numerous moving lights from Ayrton set the scene for the multi-layered live setting in parallel.

“The castle ruin is a very special location and combines the historical with the digital, because the whole show is designed to be followed via TV or digital streams,” said Jens Hillenkötter, who has already been responsible for numerous sensational light and drone shows in recent years. “The lighting design plays an elementary role here, because we not only have various camera formations for the broadcast, but also live musicians and orchestras in the show, which all have to be set in perfect light. We want a big look that makes its impact even from a distance.”

In total, the experienced lighting designer relied on 64 Ayrton Perseo Beam, as well as 14 Ayrton Domino-S, IP65 moving lights placed throughout the winding castle ruins as well as along the large bridge at the foot of the castle. “We needed fixtures that were not only compact, lightweight and weatherproof, but also offered a tremendous amount of flexibility, because with this show and this setting, it was clear from the start that there would always be changes. What is a beam fixture today, I might need for an open white wash tomorrow.”

In the course of a large lighting shoot-out in the run-up to the show planning, Jens Hillenkötter and his team had the opportunity to compare all potential manufacturers.



Photo: © Saxony-Anhalt State Chancellery Thomas Meinicke / Alexander Cevolani

The underlying question was: what is the ideal tool for each specific use? “The Perseo Beam convinced us above all with its compactness - especially when you consider that this is an outdoor lamp. In addition, it has a nice, defined beam and can also produce a soft fading light when needed.” Hillenkötter used the Perseo Beam again and again for the live musical acts on site - for example for singer/songwriter David Vidano, who switched between two stages during the show.

Jens Hillenkötter was equally impressed by the large zoom range of the Ayrton Perseo Beam. “I immediately noticed that the fixtures have a homogeneous beam without a hotspot, as you often find elsewhere.”

Wherever Jens Hillenkötter needed even more light output or wanted to achieve break-up effects, the Ayrton Domino-S were used, which with their large and defined zoom range and precise optics additionally provided structure in the lighting design. “In addition, the shutters were a great help in acute-angled lighting situations to avoid shining out of the castle everywhere.”

Ayrton is distributed exclusively in Germany by Lightpower GmbH.

DALI-2 Emergency lighting control strengthens interoperability for safety-critical applications

Piscataway, NJ, USA – The DALI Alliance has extended its highly successful DALI-2 certification program to include control gear for self-contained emergency lighting. Focused on device interoperability, DALI-2 certification is built on open, international standards.

DALI emergency lighting is widely used as a robust and reliable solution that meets safety-critical requirements in buildings throughout the world. The DALI protocol enables integrated, digital control systems that combine illumination and emergency lighting. DALI-2 Emergency further extends interoperability of lighting-control devices and facilitates integration with building management systems, which can access DALI control and querying capabilities including automated testing and reporting.

“While the industry has enjoyed the benefits of DALI emergency lighting for many years, the introduction of DALI-2 Emergency is a huge step forward,” said Paul Drosihn. “For DALI-2, the level of testing has increased dramatically, and the results are independently verified. This means that the industry can have a great deal of confidence in the interoperability of certified DALI-2 devices.”

Emergency lighting, which provides light when the mains supply fails, is a critical feature that is mandated by various regulations. “Self-contained” means that the battery – which provides power during an emergency – is inside, or placed next to, the luminaire.

In many countries, there is a legal requirement for periodic testing of emergency lighting. DALI enables self-contained emergency tests to be automated, triggered by DALI commands or by an optional timer. Emergency control gear must implement both a function test and a duration test. The function test is a quick test of the battery, charging circuit, driver/relay and lamp, while the duration test ensures that the battery will be able to operate the lamp for the full rated duration (for example 1 hour or 3 hours).

DALI-2 Emergency certification requires the product to successfully pass a rigorous and comprehensive set of tests based on the international standard IEC 62386. The DALI Alliance independently verifies the test results, and then lists each certified product in its online product database (www.dali-alliance.org/products), providing public traceability. The first certified DALI-2 Emergency devices, which are entitled to use the DALI-2 logo, are expected very soon.

The DALI-2 Emergency tests developed by the DALI Alliance are based on Part 202 of IEC 62386. Control gear in Part 202 are also known as device type 1 (DT1). Devices implementing Part 202 can also optionally implement other features such as the luminaire, energy and diagnostics data in Parts 251-253. Also, the ongoing development of ‘DALI+ with Thread’ certification opens the possibility of future standardization for wireless control of DALI emergency lighting.

“As a manufacturer participating in its development, we have witnessed DALI becoming widely established as a robust



and trusted basis for digital control of the complete lighting system environment,” said Richard Beesley, Chief Technology Officer of Mackwell. “With the introduction of DALI-2 certification for emergency devices, we are pleased that this brings updates to the protocol that remain perfectly aligned with the safety-critical requirements of emergency lighting.”

“The improved interoperability resulting from the inclusion of Part 202 in the DALI-2 certification program will help facilitate the advanced integration of emergency lighting in building management systems,” said Mustafa Oktay, Product Manager LED drivers at Signify. “This represents an important step forward by the DALI Alliance.”

“Tridonic has always placed great emphasis on the interoperability of lighting technology, and has therefore been an active member of the DALI Alliance from the very beginning,” said Thomas Ender, Vice President of Product Marketing at Tridonic. “Contributing know-how to the industry and helping to define new standards such as Part 202 for self-contained emergency control gear are important factors in promoting interoperability. These efforts are supported by developing and launching components which comply with these industry standards.”

“The update of Part 202 now brings emergency lighting in line with other DALI-2 devices, thereby ensuring emergency lighting follows a certification process that allows for interoperability between manufacturers and giving the assurance that control companies like zencontrol can access the full features of compliant emergency lighting,” said Stewart Langdown, Business Development Director of zencontrol. “As a company actively involved in the control and management of lighting, we feel this is a great step forward in the adoption of DALI-2 as the protocol of choice for ‘Smart Emergency’ and even smarter buildings.”

The DALI Alliance (also known as the Digital Illumination Interface Alliance or DiiA) is an open, global consortium of lighting companies that drives the growth of lighting-control solutions based on internationally standardized Digital Addressable Lighting Interface (DALI) technology. The organization operates the DALI-2 and D4i certification programs to boost levels of cross-vendor interoperability. As lighting continues to evolve and converge with the IoT, the DALI Alliance is also driving the standardization of wireless and IP-based connectivity solutions.

NICHIA unveils high radiant flux density UV-C LED

The new NCSU434B can be deployed to fight the spread of various bacteria and viruses, including the new coronavirus.

Tokushima, Japan – NICHIA has launched a high radiant flux density UV-C LED that can help target the inactivation and sterilization of various bacteria and viruses, including the new coronavirus.

The 280nm NCSU434B LED has the industry's highest power conversion efficiency for a 3.5mm x 3.5mm LED, demonstrating a typical radiant flux of 62mW with an input power of 350mA/5.7V typical. In high-density mounting, the radiant flux per unit area is approximately three times that of conventional products.

By taking advantage of this flux density, manufacturers can tightly pack the deep ultraviolet NCSU434B in their designs to focus on maximizing virucidal power. These technical characteristics will support applications such as water purification, near-surface sterilization, and air purification systems to inactivate bacteria and viruses quickly, efficiently, and cost effectively.

The NCSU434B represents a significant upgrade in radiant flux density versus its predecessor, the NCSU334B. Mass production of the new 434B UV-C LED has commenced, with immediate sampling and mass production volume available.

Using NICHIA's high-power 280nm LED, Hitachi Zosen Corporation and Professor Jiro Yasuda of the National Research Center for the Control and Prevention of Infectious Diseases/Institute of Tropical Medicine, Nagasaki University conducted various inactivation experiments (Figure 1) on airborne microdroplets of a new coronavirus (Alpha strain and British mutant strain). In a one-pass test, results confirmed that a dosage of ~1mJ/cm² reduced the infection titer to less than 1/10 (virus survival rate 4.5%), thus indicating positive and effective results against these new coronaviruses.

Professor Yasuda commented that since the inactivation mechanism of deep ultraviolet light is based on direct denaturation of viral RNA, equally effective results can be expected against new mutant coronavirus strains beyond the British strain, including the currently rampant Delta strain.

NICHIA continues to lead the UV-C LED industry with its strong focus on 280nm due to its high virucidal power and longest lifetime. By developing UV-C LEDs with higher

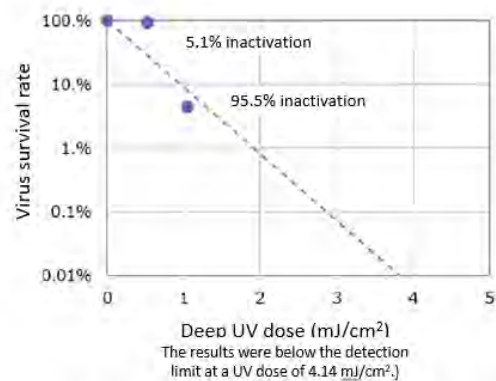


Figure 1: Nagasaki University one pass test results

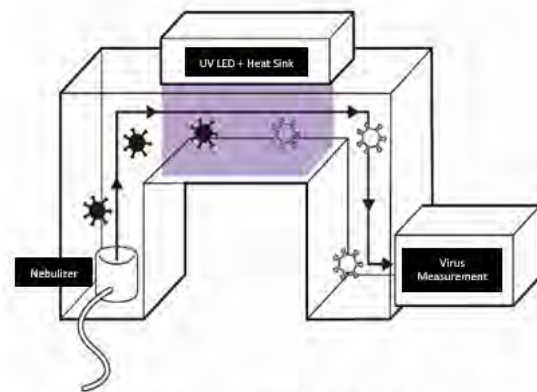


Figure 2: Reference Diagram of Test Equipment

Figure 1 and Figure 2: Verified by: Professor Jiro Yasuda of the National Research Center for the Control and Prevention of Infectious Diseases/Institute of Tropical Medicine, Nagasaki University. Images courtesy of NICHIA

efficiency, higher flux density, without sacrificing lifetime or quality, NICHIA will continue to contribute products that assist in building a safer and cleaner world. This approach further demonstrates its commitment to innovation and improvements to global well-being.

ams OSRAM's high and low power UV-C LEDs can effectively inactivate SARS-CoV-2

Premstaetten, Austria – ams OSRAM, a global leader in optical solutions, together with the University of Padua, presents test results on the effectiveness of ams OSRAM UV-C LEDs against the SARS-CoV-2 virus. The corona pandemic continues to dominate daily life in many regions of the world. In addition to the various

measures taken to contain the pandemic, disinfection solutions based on UV-C light are becoming increasingly popular. Previously used mercury vapour lamps are often bulky and limited in their target wavelength. Significant advances in LED technology are now opening the door to new applications. The fact that they are already a useful aid in

combating the pandemic has now been confirmed by research conducted by the University of Padua on the effectiveness of UV-C LEDs from ams OSRAM.

It has already been shown that a high intensity of UV-C LED radiation can inactivate the SARS-CoV-2 virus rapidly. In realistic applications, like upper air treatment or secondary air



ams OSRAM's high and low power UV-C LEDs can effectively inactivate SARS-CoV-2. Image: OSRAM

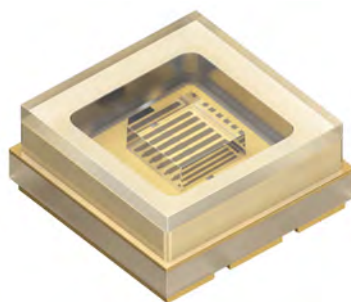


UV-C LEDs such as the Oslon UV 3636 from ams OSRAM inactivate up to 99.99 percent of viruses at a dose of 3,6 mJ/cm². Image: OSRAM

treatment devices, the necessary dose to eliminate the virus is applied over several cycles. This means that the required dose is reached by irradiation at a lower intensity for a longer period of time. To align best with realistic scenarios, ams OSRAM and the University of Padua focused the test to demonstrate a realistic evaluation regarding the impact of different irradiance levels to additionally prove for an effective system design using UV-C LEDs. In this experiment, not only the necessary dose for inactivating the SARS-CoV-2 virus was evaluated – also its consistency over different irradiation levels from low to high covering a factor of more than 100. The testing by ams OSRAM and the University of Padua differentiates from other tests that often focus on the highest possible or fastest reduction rate in their research, which can easily be

achieved in experiments by increasing the irradiance and time.

The experiments from the Department of Molecular Medicine of the University of Padua confirm that UV-C irradiation provided by Oslon



Thanks to their compact dimensions, UV-C LEDs like the Oslon UV 3636 from ams OSRAM can be installed exactly where, for example, air or water need to be purified. Image: OSRAM

UV 3636 LEDs from ams OSRAM effectively reduce the quantity of SARS-CoV-2 virus. This strengthens the evidences already reported in recent publications that this mechanism could work independently from the variant of the pathogen and therefore offers a future-proof way of treatment for this and a potential next pandemic. For the experiment, a fixture was equipped with Oslon UV 3636 in two different power classes (4 and 42 mW) and placed at a distance of 300mm to the pathogens. All LEDs are at a wavelength of 275 nm. The uniform irradiance of the probe was realized by a light mixing chamber and the irradiance determined under the consideration of all reflections. At low intensity levels a dose of 2,7 mJ/cm² for a log₃ or up to 99.9 percent reduction and 3,6 mJ/cm² for log₄ or up to 99,99 percent have been derived.

Elation Proteus™ leading the world in IP65 automated lighting with over 10,000 units in the market

Market-leading line of ingress protected automated lighting continues to grow with three new Proteus luminaires to debut at LDI in November

Los Angeles, California, USA – When lighting designers, lighting rental companies and production houses the world over need IP-rated lighting fixtures, the Elation brand frequently appears at the top of their wish list. Especially, the company's Proteus™ line of IP65-rated automated lighting has emerged as a worldwide standard for environmental ingress protected luminaires with over 10,000 units now in the market, and the innovation continues with three new Proteus products set for release this fall.

Elation has been at the forefront of IP-rated fixture development the last five years and its line of IP-rated automated



lighting has been tried and tested on the largest projects around the world since first launching in 2016. Elation now offers one of the widest selections of IP65-rated lighting fixtures on

the market with the Proteus name ringing synonymous with weatherproof lighting.

Proteus has done more than eliminate the need for costly, time-consuming and unsightly weatherproof coverings however. The use-anywhere line has empowered designer creativity, allowing them to create without the constraints of environmental challenges. "We've put years of extensive R&D work, market research and planning into developing this award-winning product line and are extremely proud that it has become the most specified line of IP65 automated lighting on the market," stated Eric Loader, Elation Director of Sales & Marketing. "Our goal from the beginning was to give creative designers the freedom to design any project just the way they see fit regardless of weather or other factors and we delight every time we see them on a show or event."

Proteus lights are routinely used on productions across the globe – concerts and festivals, special events, television, theme parks, cruise ships, lighting installations and lighting

spectaculars – delivering reliable performance in extreme outdoor weather conditions, as well as in indoor environments. The IP65 line houses unique technologies and has won multiple industry awards for lighting innovation over the years.

Moreover, the line continues to grow. Releasing this fall are three new innovative IP65 Proteus luminaires – the Proteus Excalibur™, Proteus Rayzor Edge™ and Proteus Rayzor Blade™.

The Proteus Excalibur is an extreme power, long throw beam moving head with a long-life lamp and a wide front aperture perfect for creating aerial light columns, and CMY and prismatic effects rivaling existing xenon skytrackers. Proteus Rayzor Edge and Proteus Rayzor Blade are a creative blend of a high-powered tiltable, linear zoom LED pixel wash luminaire and an extreme impact dual linear strobe array, combining mid-air beams, light curtains, blinder and pixel precise strobe effects, plus Elation's patented SparkLED™ lens technology into a unique multi-layered fixture design.

Samil Church in Korea Upgrade with ETC Source 4WRD II

Seoul/Hong Kong – ETC partners with C&C Lightway, the dealer for the Korean market, on a recent fixture upgrade project for the Samil Church in Korea. 50 Source Four fixtures were retrofitted with Source 4WRD II in the main worship hall.

Samil Church is in Yongsan-gu, Seoul and seats 1200. The church's auditorium is packed with a busy schedule of worship services and other religious activities for both local and international congregations. Source Four fixtures had previously been installed at the upper deck of the hall and in front of the stage to light speakers, providing both brilliant front light and wash light. The existing fixtures had been used for years and it was time for an upgrade.

Considering the architectural structure of the church, the system designer Jung Hoon Kim was looking for a white-light LED fixture that is easy to install and maintain. At the same time, Kim wanted a more sustainable and economical way of lighting. After consulting with C&C Lightway, it was determined that Source 4WRD II was the perfect answer.



Photo credit: Samil Church and C&C Lightway



Photo credit: Samil Church and C&C Lightway

Source 4WRD II is an energy-saving retrofit for a traditional Source Four light engine that transforms the HPL source into a white-light LED. Its LED light source has an L70 rating of 45,000 hours with only 175 watts of power consumed per fixture in an hour, while Source Four consumes 750 watts of electricity. "It's an energy-saving and a cost-effective solution. I feel like the brightness is twice that of using the existing fixtures while consuming almost 70 percent less power," commented Kim. "It's sustainable as well. We reduce our carbon footprint by upcycling the existing fixtures. LED has a longer lifespan which doesn't require frequent replacement. And it's 77% cooler than surface of a tungsten, thus reducing the use of a/c," added Kim.

The church is satisfied with the Source 4WRD II upgrade that maintains the brightness and calming colour temperature of the original Source Four fixtures. The upgrade is a good reference for other local worship centres if they are looking for a similar lighting system.

The inauguration of “UNVeIL AND ReVeAL”, SLAMP’s new company showroom

Rome, Italy – General Director and Artistic Director Luca Mazza transformed the recent purchase of a 2,000 square metres hangar, just outside the company’s headquarters, into a pavilion designed to feature the brand’s iconic pieces and latest collections, immersing visitors in a luminous experience.

Wide black-paneled corridors introduce theatrical drama to visitors, encircled by a cobalt pavilion defined by symbolic geometries and unexpected plays of depth and perspective. Eight 4-metre arches surround a square floor plan, and the slightly rounded entryway gently guides spectators towards the heart of the showroom.

Mazza sought to create a kaleidoscope that envelops the visitor like a maze, where a 6-metre mirror draws the eye to infinite reflections and angles within. A concentric cascade of 87 Hugo suspensions take centre stage, standing as a pragmatic example of the endless possibilities Slamp presents within a space, bringing the company increasingly closer to projects that reveal flexibility in design and production thanks to in-house research, development, and manufacturing.

The Unveil and Reveal company showroom can be visited by appointment only until December 2021, when this constellation of collections will make space for the new ones to be released in January 2022.



Xicato announces partnership with Hossley Lighting and Power Solutions

Los Gatos, California, USA – Xicato, a leading provider of highest quality spot and linear light sources and controls, has announced a partnership with Hossley Lighting and Power Solutions (HLPS), a manufacturers’ representative firm, to promote and sell the broad Xicato portfolio of linear lighting and Bluetooth smart lighting controls to customers, specifiers, lighting designers and building owners in Oklahoma.

HLPS, one of the largest agencies in the nation with a team of over 130 knowledgeable professionals who have deep lighting experience to support a project from initial design concept to final completion. HLPS has seen significant expansion through merger and acquisition over the last few years dominating the project specifications for the region.

“We have been watching Xicato’s expanding product portfolio,” said Mike Virag, Principal at HLPS. “They are no longer just one of the top OEM providers of quality light sources. Xicato has much more to offer now with their linear and controls solutions,” added Mike. “We are excited to represent them,” he concluded.

“According to recent news, the state of Oklahoma is seeing significant upward economic trends post pandemic,” said Tom Howe, VP of Worldwide Sales at Xicato. “The partnership with HLPS provides opportunities to expand the model for healthy and connected buildings into a region well positioned for such growth. We believe Xicato provides just the right solutions to help HLPS win these smart building projects in this region,” added Tom.



Catellani & Smith lighting shines in Bergamo's Donizetti Theatre

Bergamo, Italy – The renovation work that began in 2019 on the historical Donizetti Theatre in Bergamo – which takes its name from the world-famous composer native to the city – has now been completed. With a history stretching back over more than two centuries, the Theatre is a prestigious, lively centre of culture and social life for Bergamo, thanks to the numerous events organised over the years.

The complex renovation and restoration project involved the functional renovation of all the boxes, the ceiling of the stalls and the foyer, as well as the reorganisation and reconstruction of a number of areas, such as the room for the orchestra in the area beneath the stalls, the orchestra pit, the dressing rooms, the ticket office, the bars, the offices in the west wing, the rehearsal rooms and the areas reserved for catering and activities for the public. The decorative elements were also subjected to restoration of a mainly conservative nature, consisting of cleaning and retouching the paintings on the ceilings and walls.

As for the exterior of the building, the redevelopment project regarded the main façade, the sides and the scenic tower. For all the sections, the materials used were chosen with a view to guaranteeing continuity with the original structure, not only in order to preserve the architectural elements, but also to transmit a sign of innovation and technology to the new appearance of the Theatre.

In this scenario, Catellani & Smith was chosen to provide the lighting for part of the renovation project, with creations immediately visible right from the large foyer of the theatre, featuring a large, spectacular frescoed wall, where a series

of Medouset Whemispheres - in transparent glass and with a deliberately uneven surface – have been installed in sequence on the columns.

On the upper floor, and visible from the outside through the large windows of the building, which look out onto the city's famous "Sentierone" tree-lined avenue, visitors can admire the 56 Petits Bijoux and Macchina della Luce ceiling lamps, two models with a striking visual impact that blend beautifully into the splendour of the setting.

Installed in the space immediately adjacent to the music rooms, the 56 Petits Bijoux lamps are composed of a lightweight structure, shaped by a composition of brass circles with different dimensions. Supporting each other with slender cables, the circles create the sensation of a lamp floating, suspended and free, in the space that occupies the large hall. Like little guardians of the light, transparent covers positioned on the circles enclose high light efficiency LED lights producing a total of 8008 lumen.

Two elegant Macchina della Luce lamps, composed of disks of different diameters covered in gold-coloured leaf, are featured in the Missiroli Hall, filling it with their golden light.

Finally, the modern lines of a Lederam C180, installed on the ceiling of one of the halls in the Donizetti Theatre, enhance the splendid frescoes depicting floral motifs and female figures, striking an interesting contrast with the purple walls.

The gold-coloured leaf that covers the circular screen of Lederam C180 creates a sense of continuity with the golden ceiling, as does the satin rod that supports the swivelling disk that contains a COB LED module.



Photo credit: Nava Rapacchietta



Photo credit: Nava Rapacchietta

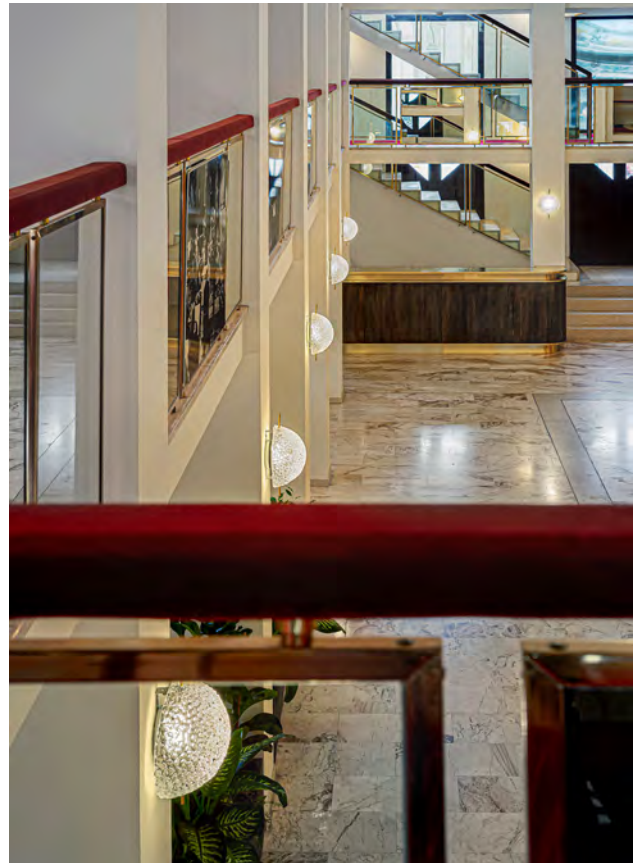


Photo credit: Nava Rapacchietta

OPPLE Lighting highlighted at Expo 2020 Dubai, showing world “Light of China”



OPPLE Lighting highlighted the China Pavilion at Dubai Expo. Photo: © OPPLE Lighting

Dubai, UAE – As a leading Chinese lighting brand, OPPLE Lighting is the official partner of the China Pavilion at the Expo 2020 in Dubai. While providing a full range of lighting solutions for the China Pavilion during the Expo, OPPLE Lighting also has its own interactive show “Like a Shadow by Your Side”, demonstrating its commitment to the “Light of China” with sustainable lighting technology and AI innovation.

OPPLE Lighting highlighted the China Pavilion at Dubai Expo

The architectural design of the China Pavilion at Expo 2020 Dubai is inspired by traditional Chinese lanterns, and is known as the “Light of China” for its implication of hope and light. Relying on its expertise and innovation, OPPLE Lighting takes circle as the starting point and light as the medium to eliminate the boundaries between individuals and groups, and also the present and the future. In the China Pavilion, from the lighting of the restaurant, to the reception area, the rest area, or its own independent exhibition, OPPLE Lighting shows the uniqueness of the China Pavilion, and also its core concept of “Innovation, At-Ease, Vitality”.



The preface hall of China Pavilion at Dubai Expo. Photo: © OPPLE Lighting

The leaders of the Chinese Pavilion and the Chief Representative of the Saudi Arabia Pavilion visited the Interactive Smart Lighting System “Like a Shadow by Your Side” by OPPLE Lighting.

Echoing the Expo’s theme of “Connecting Minds, Creating Future”, OPPLE Lighting Interactive Smart Lighting System “Like a Shadow by Your Side” gives the guests an immersive sense of participation through the light and AI recognition, fully demonstrating OPPLE Lighting’s continuous exploration of future lighting and human, as well as the application capabilities of the lighting solutions.

White Light leads integration of state-of-the-art technology installation for BAFTA 195 Piccadilly Redevelopment

London, UK – Under the ongoing redevelopment remit of BAFTA's 195 Piccadilly headquarters, the world-renowned charity engaged technical solutions specialist White Light (WL) to manage the installation of its new state-of-the-art technological infrastructure. Officially opening in 2022, 195 Piccadilly will be a creative centre for film, games and television and the central hub for BAFTA's UK-wide, and global, learning and talent development programme. It will also be a truly world-class space, providing innovative facilities for all event needs, whether live, virtual or hybrid.

WL has been involved with the development of the ambitious project since its inception back in 2016. The scope included equipping BAFTA with its first ever dedicated learning space and state-of-the-art technology to help increase revenues, enabling its charitable remit to be fulfilled for years to come.

Based on a system designed by consultancy Charcoalblue, WL was appointed to devise an integrated technical package for the overriding system control, as well as fully manage the installation process.

To reflect BAFTA's world-class status and relationships with leading manufacturers including Christie, Dolby, ETC and QSC, 195 Piccadilly has been equipped with some of the most cutting-edge equipment on the market.



Photo: © BAFTA Jordan Anderson

The very latest Christie projection system installed in the Ray Dolby Room, has allowed the space to become a fully projection-mapped environment. This offers clients a 360° digital canvas which they can personalise and has the potential to bring the space to life with dynamic content for both in-person and digital events.

WL's Senior Project Manager – Jason Larcombe commented: “195 Piccadilly will be a centre of excellence for the creative industries and a flagship showroom for global brands to showcase their latest technology. This project spans the breadth of expertise and services that WL as a company is uniquely

placed to offer. Beyond coordinating the installation of the integrated system and all third-party AV technology throughout the building, we have partnered with BAFTA to provide ongoing technical service and venue support. We are proud to have supported the full scope of this project over many years of progression and are excited for the next stage of our burgeoning relationship with BAFTA.”

BAFTA's Head of Property, Pauline Campbell added: “We truly appreciate the dedication and input White Light has shown to the redevelopment of 195 Piccadilly. With the addition of state-of-the-art technology, BAFTA's home and headquarters will continue to celebrate the film, games and television industries, and will be a centre of excellence for future generations to come. Their coordination and installation of a very complex design encompassing many partners and preserving a listed building showcases exactly the troubleshooting skills which left us in no doubt that they were the right company for the job and we look forward to developing our partnership over the years to enable us to fulfil our charitable mission.”

By improving facilities and doubling the building's capacity, the redevelopment will enable BAFTA to dramatically increase its charitable programme. A world-leading independent arts charity, BAFTA works throughout the year to find and promote the next generation of talent and to break down the barriers that can make it hard to build careers in the creative industries.

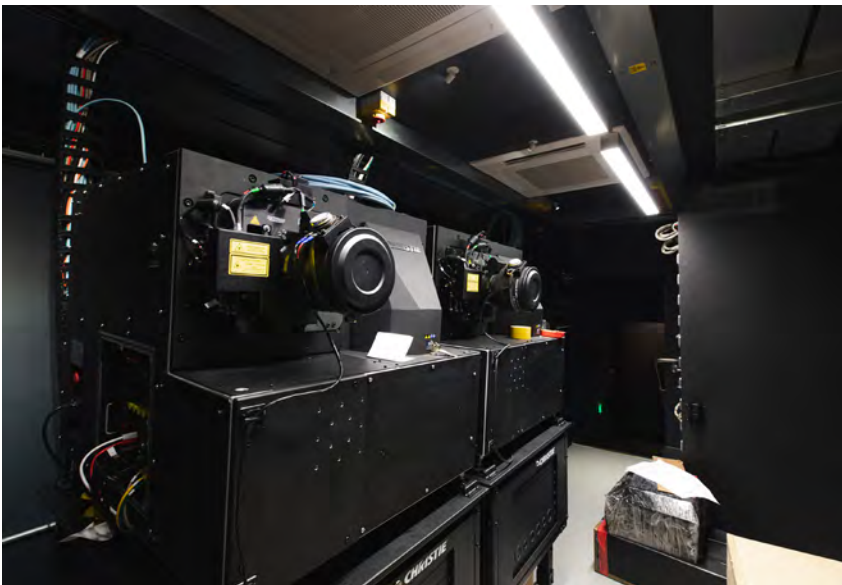


Photo: © BAFTA Jordan Anderson

Zumtobel ensures reliable lighting for Schweizer Zucker AG

Dornbirn, Austria – During the modernisation of the Schweizer Zucker AG factory in Aarberg it became clear that the new lighting had to be weather-resistant, robust and versatile. These are properties that characterise TUBILUX from Zumtobel and made it the perfect lighting solution for the sugar manufacturer's busy outdoor area.

For more than a hundred years, Schweizer Zucker AG has been associated with sugar refinement. The company processes more than 1.7 million tonnes of sugar beets per year, producing up to 300,000 tonnes of refined sugar. To be able to guarantee effective processing under the best lighting conditions in the future, the lighting concept in the Aarberg factory was revised. The focus was to be on the wet unloader. In this part of the outdoor area the sugar beets are unloaded and simultaneously cleaned with the help of 4,000 m³ of water per hour. In the project design, TUBILUX proved to be the ideal solution for these unique and challenging conditions.

Tubular luminaires for demanding conditions: TUBILUX from Zumtobel

Truly an all-rounder, TUBILUX meets all the challenges in the Aarberg factory masterfully. Its round shape is its trademark. This is essential to its resistance and makes it less prone to weaknesses. It is well protected against mechanical loads and undesired ingress of moisture – perfect requirements for an environment in which splashes and dirt are the prevalent standard.

In comparison to other wet luminaires, the new lighting solution installed by Zumtobel offers many advantages: The shock-resistant housing of satin PMMA, which has a degree of protection against impact of IK08, makes the luminaire particularly hard-wearing and it can easily withstand the UV radiation outside as well as the moist conditions. The polyamide end caps used reinforce these properties. Its temperature tolerance of minus 20°C to plus 35°C makes it ideal for this outdoor area.

The tubular luminaire can be fitted without tools. This saves time and installation costs and enables immediate commissioning. The amount of effort required for maintenance is also significantly reduced. The luminaires in Schweizer Zucker AG's wet unloader area were prone to damage, not only due to the plastic used, but also due to the outdated technology. With TUBILUX, a modern LED technology is used in colour temperatures of 3000 and 4000 Kelvin as standard. The luminaires have a life time of up to 80,000 hours and do not need to be maintained or replaced as often. This saves both costs and resources.



With a life time of up to 80,000 hours, TUBILUX rarely requires maintenance and does not need to be replaced as often.



211 Tower. Photography: Ken Lager Photography



211 Tower

Pennsylvania, USA

PROJECT NAME

211 Tower

LOCATION

Pittsburgh, Pennsylvania, USA

PROJECT TYPE

Commercial + Façade

CLIENT

Alphabet City Management

ARCHITECT

Next Architecture

GENERAL CONTRACTOR

Brubach

SALES PARTNER

LaFace & McGovern

LIGHTING MANUFACTURER / SUPPLIER

SGM

PHOTOGRAPHY

Ken Lager Photography



Photography: Ken Lager Photography

SGM provided the dazzling finishing touch on the renovation of 211 Tower, an 8-storey office building in Pittsburgh's up-and-coming East Liberty neighbourhood. Built in the late 1960's in the then-trendy Brutalist style, the building presented the new owners with an "image problem."



Photography: Ken Lager Photography

SGM is a Danish manufacturer of high-quality IP65/66 rated wash, moving head, and pixel controlled luminaires. The company's patented DryTech™ built-in dehumidification system along with its TruColor™, ThermalDrive™ and VersaPath™ technologies has earned SGM a reputation for delivering high-endurance fixtures that work reliably in harsh environments.

Next Architecture and general contractor Brubach, started by cleaning the façade, replacing windows, and undertaking a dramatic overhaul of the plaza that surrounds the building. With day-oriented improvements complete, the team was looking for a solution to make the building "pop" after dark. After considering a more complicated façade solution, the decision was made to simply highlight the existing material.



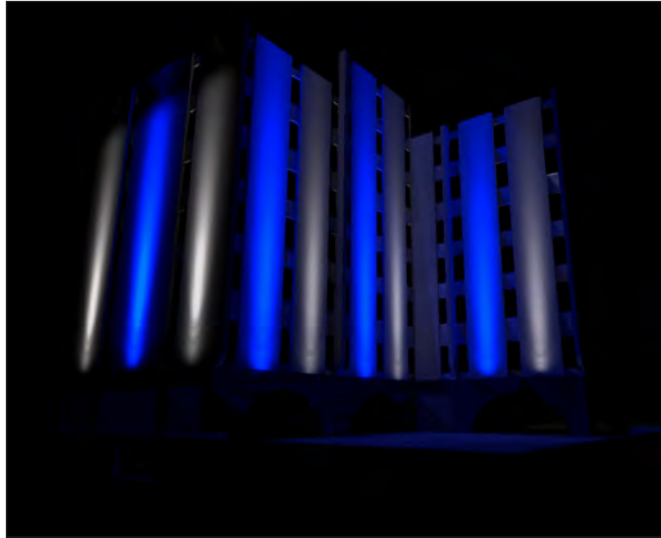
Mounting detail. *Photography: Ken Lager Photography*

The owners sought a small, powerful, and budget-friendly RGBW fixture capable of a 70 foot throw with minimal setback from the façade. SGM's IP-66 rated i-series in its POI (Permanent Outdoor Installation) variant was a natural choice as it checked all of the boxes and offered long term colour consistency with the onboard TruColour™ technology. But, that left a final question: is a 9,000 lumen i-2 POI or 20,000 lumen i-5 POI fixture needed? To find an answer, SGM offered renderings of the project allowing the owners to decide between two great choices.

Ultimately, the renderings determined that the 9,000 lumen i-2 would be the perfect match and the project proceeded quickly with delivery just six weeks from the decision. Other fixtures on the market that are similar in size to the i-2 are only bright enough with monochromatic arrays. The ThermalDrive™ technology on the i-2 enables the fixture to deliver uniquely intense, high-quality mixed white light and full spectrum color preserving the flexibility required for the project

The DMX lighting control system is the Miranda controller from Pittsburgh-based Ben Peoples Industries. A built-in calendar provides an easy scheduling platform for both daily looks and planned holidays. For a spontaneous effect, the Miranda controller includes a web component that allows the owner to securely login from any web browser to immediately recall a pre-programmed look.

The SGM installation transitioned the building into a neighbourhood icon attracting positive attention from passerby. With time, the future-oriented, reliable lighting system by SGM will support 211 Tower as a lasting landmark in East Liberty.



Project rendering. *Photography: Ken Lager Photography*



Realized installation. *Photography: Ken Lager Photography*



Photography: Ken Lager Photography



Photo credit: Decathlon Singapore



Decathlon Experience Store

Northshore Plaza 1, Singapore

PROJECT NAME

Decathlon Experience Store

LOCATION

Northshore Plaza 1, Singapore

PROJECT TYPE

Retail

CLIENT

Decathlon

LIGHTING DESIGNER

Baseline Lighting Design Studio

OPENING

October 2021

Baseline Lighting Design Studio is engaged to implement green approach in their lighting design. The collaboration for the new Decathlon experience store, located in Singapore (Northshore Plaza 1), features the lighting studio eco-friendly initiatives, providing best practice lighting strategy in order to elevate customer's experience, increase brand awareness and reduce power consumption.



Senior Minister of State of the Ministry of Health, Dr. Janil Puthucheary (on the right).
Photo credit: Decathlon Singapore



Photo credit: Baseline Limited



Photo credit: Baseline Limited

Lighting is an integral part of Architectural & design development as it creates the right atmosphere whether it is Hospitality or Retail. Baseline's work is wide-ranging in terms of type and scale, they offer a vertical solution and extended scope of work following up projects from preliminary design to implementation to keep control for energy efficiency.

Certified LEED Green Associates, Baseline lighting experts are trained to comply with environmental lighting requirements (e.g., low wattage and high efficiency per square metre $LPD < 17.5w/m^2$). The studio is also EcoVadis Silver certified ensuring high CSR and designer team is trained on Revit software for BIM modelling.

During the opening, in October 2021, Decathlon Northshore Plaza 1 store received the Green Mark Certification in the presence of the Senior Minister of State of the Ministry of Health, Dr. Janil Puthucheary.

In addition of Baseline sustainable design approach, the two-storey store is offering eco initiative including donating old shoes, electronic for recycling and wide range of eco-designer production. It is also 100 percent cashless and paperless transaction.



Photo credit: Baseline Limited



Photo credit: Baseline Limited





Atelier Sandra Mansour

Achrafieh, Beirut, Lebanon

PROJECT NAME

Atelier Sandra Mansour

LOCATION

Achrafieh, Beirut, Lebanon

TYPE OF SPACE

Retail

ARCHITECT

Marc Dibeh

LIGHTING DESIGNER

DIB Lighting

COMPLETION

2018

PHOTOS

© Marwan Harmouche



DIB Lighting accentuated the architectural space of Atelier Sandra Mansour fashion house by the incorporation of linear lights that add visual depth through lines.





Atelier Sandra Mansour is a Lebanese fashion house known for its intricate ready-to-wear line and bespoke bridal wear. It is dedicated to creating artistically driven pieces with timeless silhouettes, made of delicate fabrics with extreme attention to detail, a blend of romantic yet strong creations.

The lighting approach for this fashion house was inspired by their intricate clothing. To articulate the elegance of the clothes in this boutique, DIB Lighting relied on accent lights that highlight the various fabric textures, while very minimal linear profiles accentuated the architecture of the space, adding visual depth through lines.





The huge SEB Bank administration building is probably the only project of its kind not only in Lithuania, but also in the Baltic States.



SEB Bank

Vilnius, Lithuania

PROJECT NAME

SEB Bank

LOCATION

Vilnius, Lithuania

PROJECT TYPE

Commercial

CLIENT

SEB Bank

ARCHITECT

'AKG', architect Remigijus Bimba

INTERIOR PROJECT AUTHORS

'Do Architects', Gilma Teodora Gylytė,
Marija Steponavičiūtė

HELVAR LIGHTING CONTROL EQUIPMENT

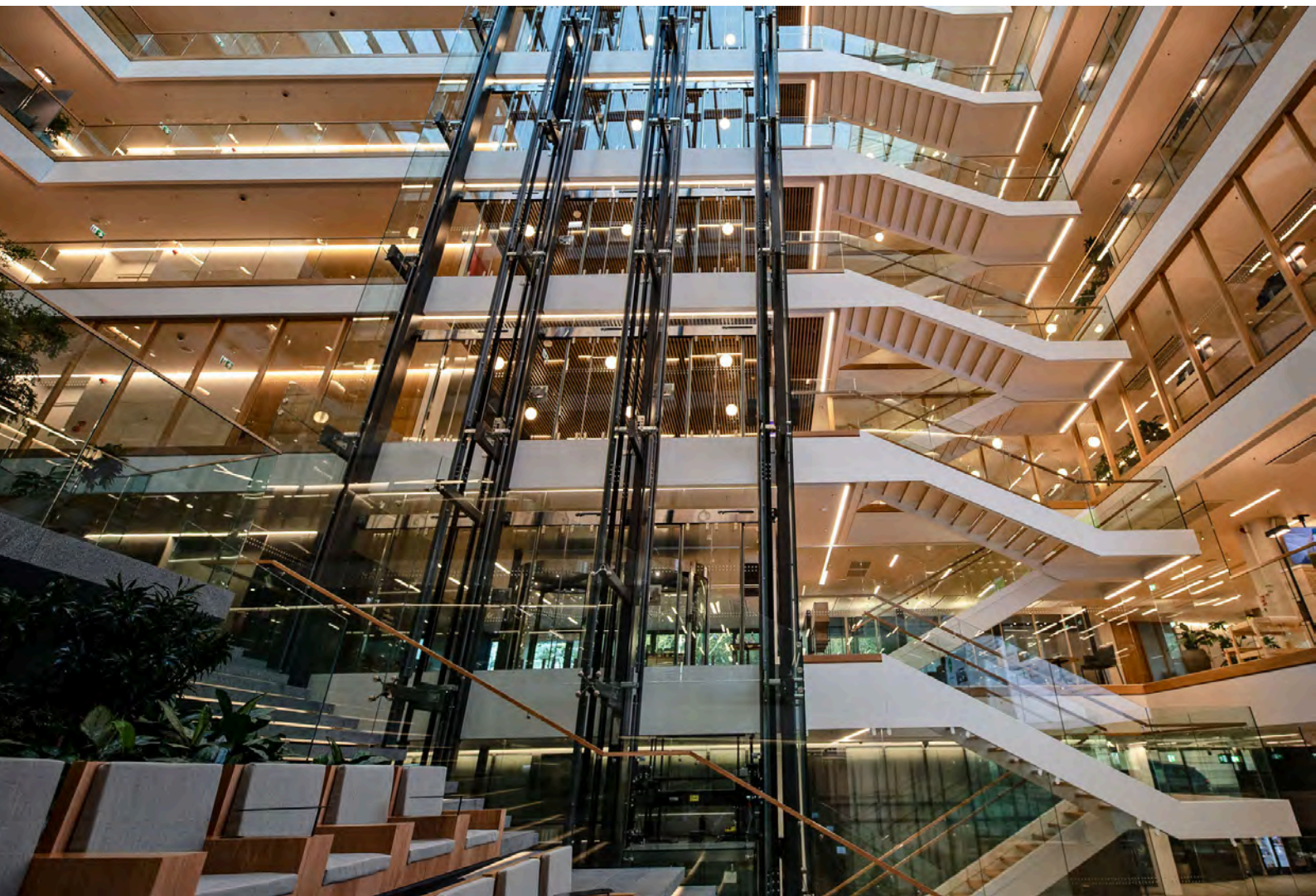
Helvar Digidim Router 910 – 40 pcs.
315 Multisensor – 259 pcs.
320 PIR detector – 687 pcs.
494 Digidim "four" relay unit – 10 pcs.

COMPLETION

2020

PHOTOGRAPHY

Sandra Patapienė, Romas Patapas



The SEB administration building is installed with Helvar's lighting control solution.

The variable spectrum lighting in the huge SEB Bank administration building is the first project of Gaudré, UAB. Moreover, it is probably the only project of its kind not only in Lithuania, but also in the Baltic States. Helvar was entrusted with one of the most important aspects of creating the mood of the space – lighting.

In the SEB administration building, the lighting design had to be coordinated with the interior design. The design task envisaged for the use of only the most modern, durable lighting fixtures, light sources and centralised lighting control. Helvar proposed an innovative, human-oriented artificial lighting concept that meets the natural variation of light in nature. Natural light regulates people's internal clock and therefore directly affects how we feel – our activity, performance and emotional state, which also changes throughout the day.

Human-centric lighting can be tuned to imitate natural daylight, which means the lighting works in harmony with people's natural circadian rhythms. The circadian rhythm is people's natural body clock – it is responsible for our daily sleep-wake routine. This rhythm is heavily reliant on the amount of light reaching our eyes. People who observe human-centric lighting benefit from improved mood, productivity and concentration and typically report reduced workplace health issues such as eye strain and headaches.

According to the lighting concept proposed by Gaudré, it was decided to use variable spectrum light-emitting diode (LED) lighting fixtures with a variable colour temperature range of 2700K – 6000K in the working areas. Fixed lighting fixtures with a spectrum of 3000K are used in the shared areas.

The light is automatically switched on according to status or motion sensor signals, with lighting fixtures assigned to sensors programmatically. Status sensors in workplaces can turn on and control light. Artificial lighting levels are automatically adjusted according to the room's need for natural light. The distance of the workplace from the window is taken into account when adjusting the lighting fixture (additional BREEAM points). Baseline light levels can be set for a specific task or workplace, that is, programmed for each lighting fixture individually. If the use changes, the illuminance levels may have to be readjusted.

The lighting fixtures for the SEB Bank premises were manufactured according to a unique design with specific technical parameters and dimensions. Gaudrè's modern lighting fixtures are manufactured with high technical parameters and efficient control, thereby creating maximum visual comfort.



Helvar proposed an innovative, human-centric lighting concept that meets the natural variation of light in nature.



The modern lighting fixtures for the SEB Bank premises were manufactured according to a unique design with specific technical parameters and dimensions for maximum visual comfort.



Anusha Technovision Private Limited (ATPL) – a technology and innovation-driven company that provides Customised Lighting Controls, Automation, and AV Solutions across verticals in industries like residential, commercial, hospitality, and institutional, recently completed an automation strategy for a private residence in New Delhi, India.

Environ by ATPL is a three-storey high-end home in New Delhi exemplifies elegance and extravagance at its finest. The state-of-the-art residence is designed by Rajiv Saini + Associates according to the needs of the individuals and the family. The house encompasses high-end facilities like Gym Area, Spa Salon, Lounge Room, Bar area, Puja Room, Gadda Room, Home Theatre, apart from living areas, each of which are distributed intelligently in the basement, ground floor, and the remaining three floors that are well-connected by an elevator. To maintain this large property, there was a need for easier and quicker solutions using technology that did not compromise comfort and luxury.



Anusha Technovision has provided automation solutions to take care of the owners' needs, while offering ultimate luxury. Equipped with the high-end Crestron and Lutron Homeworks QS System, the owners enjoy the comfort of enabling control of all lighting by an efficient lighting control system, as well as automated control of the curtains.

The technological expertise made possible by Lutron's automation system, adds to the luxurious experience by offering possibilities through the various shades of lighting. Enabled by means of a Lutron Palladiom 8-Button keypad in areas like the home theatre, lift entrance and foyer, atrium, and individual bedrooms, it offers a beautiful architectural aesthetic with a sleek minimalistic design. The Pico wireless keypad has also been provided in rooms such as the massage room, spa/salon, gym, powder room, and bedrooms and bathrooms for optimal comfort as it allows for the perfect lighting experience.

Wireless occupancy sensors are installed in the spa, in each bathroom, and the powder rooms for saving energy. They provide additional benefits to the homeowners, such as saving costs and optimising energy by dimming the lights or turning them off when there is no one in the rooms. The residents also assure enhanced security, by monitoring the system status and surveillance cameras on their mobile.

The automation systems of the entire house are set to operate on the iPad, totaling 8 in numbers for every floor in various rooms, augmenting the user's comforts from the fingertips. All the rooms are equipped with 220V Direct Dimmable Circuits, whereas a few rooms like bedrooms, bathrooms, bar, home theatre are equipped with 0-10V Dimmable Circuits. ATPL has integrated the AC system by installing the Coolmaster device to control seven



air conditioners from a single system that enables a seamless user interface. The Lutron Room Thermostat with Black Plastic Finish provides control of thermostat settings and is compatible with several HVAC systems. The residents enjoy thermal comfort due to the Thermostat's built-in room temperature and humidity sensor, which sets automatically according to the temperature.

ATPL initially designed the GUI on the Crestron system as icon-based control that allows the homeowners to control and monitor lights, shades, HVAC, and audio-video from anywhere at any time via a touch panel or mobile/tablet. One of the things that ATPL takes pride in is taking feedback from clients and giving them what they need. After 6 months of living in the house the clients approached ATPL and said they wanted the GUI (Graphic User Interface) not to

be icon based but picture based. Where in- the actual picture of the rooms they were in would be displayed on the touchscreen and then all devices such as lighting, TV, Air Conditioning, curtains etc., that showed in the picture would serve as the touch points to control. The client claimed to have seen it in another friend's house in Europe that they had just visited. So, ATPL set this challenge to their programmers and ended up doing something that they had not done before and now after a year, it has become a standard part of their offerings.

With a single touch from the devices, the smart systems ATPL has provided are easier to use and accessible by anyone in their family, where they can enjoy the comforts and ambience from anywhere in the house and on any floor with a simple to use and easy to understand technology.



PROJECT DATA

Project Name: Environ by ATPL

Location: New Delhi, India

Type: Residential

Architect: Rajiv Saini + Associates

Customised Lighting Controls, Automation, and AV Solutions Provider: Anusha Technovision Private Limited (ATPL)

Photos: Provided by ATPL

Axolight presents the new Bul-Bo Soft in partnership with Loro Piana

The iconic Bul-Bo lamp designed by Gabetti and Isola Studio was recently re-edited by the lighting design company Axolight, introducing contemporary elements with philological regard for the original design. Bul-Bo is debuting today in a new soft and colourful version called Bul-Bo Soft thanks to the collaboration with the Italian textile company Loro Piana.

Created between 1968 and 1971 to light the spaces of the Olivetti Residential Centre in Ivrea, Bul-Bo was conceived as a playful, hilarious and almost irreverent item. This thanks to its faux leather base whose shape reminds of a bulb or an onion – as the architects themselves claim – filled inside with marble granules. It allows the stem to be tilted, making it assume different positions. At the top there is an aluminum 'flag' with the silhouette of the original incandescent light bulb, now replaced by a LED source. A brilliant object in its simplicity and deep contemporaneity that Axolight and Loro Piana chose to propose in an even more playful variant. The base of the lamp has been covered in wool and cashmere Altaï fabric in two different colours. The first variant has a natural colour with contrasting

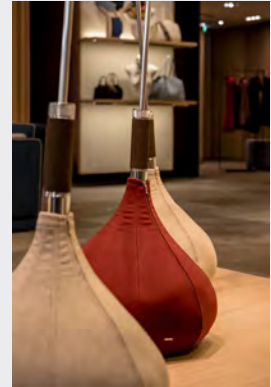


Photo: © SIMONE BOSSI and © Axolight

warm red stitching; the second one has a warm red colour with tone-on-tone stitching. This is how Bul-Bo Soft lamp was born, referring to one of the main features of the fabric in which it is made: softness. Bul-Bo Soft will be exclusively available in Loro Piana stores and Loro Piana Interiors showrooms.

Says Axolight CEO Giuseppe Scaturro, «After having given a second life to the original Bul-Bo with an outstanding partnership with Aimaro Isola, Guido Drocco, Lodovico Gabetti and Fabrizio Pellegrino, we really enjoyed working on this special edition

of the lamp. We are aware that all the distinctive elements of this unique object have been perfectly maintained, while adding a tactile and colourful aspect and other small details that always aim at comfort and pleasure».

The functionality of the lamp has also remained unchanged, designed to guarantee perfect lighting for different uses, obtainable by changing the inclination of the rod – reading lamp, work lamp for the desk or light point similar to a suspension lamp – and further improved by the possibility of positioning the LED source independently.

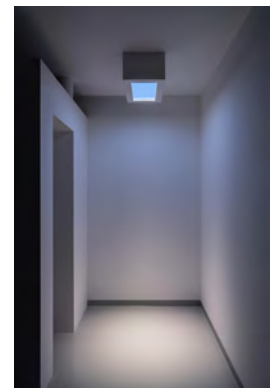
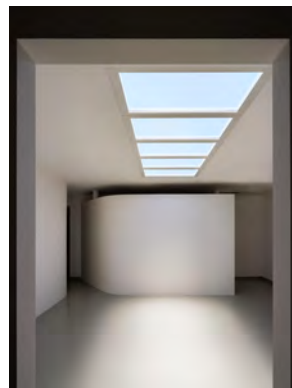
CoeLux® presents the 2021 collections

Como, Italy – This year, CoeLux has added two new products to its collections and the innovative Smart Sky technology which allows the light of the sun and the sky to be modulated at the same time to simulate a day passing. CoeLux has proven itself amazing once again through its ability to bring natural light to any environment, further facilitating the installation of its systems and offering a light experience that is as new as it is natural.

New CoeLux products for 2021, CoeLux HT25Mini and CoeLux Sky Line are fundamental additions to the company's collection: their common feature is the reduced size that permits individual systems to be used in all space sizes, also in association with CoeLux systems from other collections if necessary.

Both new products can also be used with the innovative Smart Sky technology, with which CoeLux adds a further element of realism. There is an important link between light and the passing of time: light can trigger certain physiological mechanisms by controlling circadian rhythms, the internal clock that regulates the 24-hour sleep-wake cycle and responds to changes of light in the environment.

Smart Sky is the innovative technology developed by CoeLux that permits the colours that emerge over the course of the day to be simulated, increasing the psychological and physical comfort of the user, while proving to be ideal in any type of space. Replicating the natural sun-sky combination, Smart Sky recreates the scenarios that mimic a day from sunrise to sunset; it is available for CoeLux HT25 and for the new 2021 products, CoeLux HT25 Mini and CoeLux Sky Line.

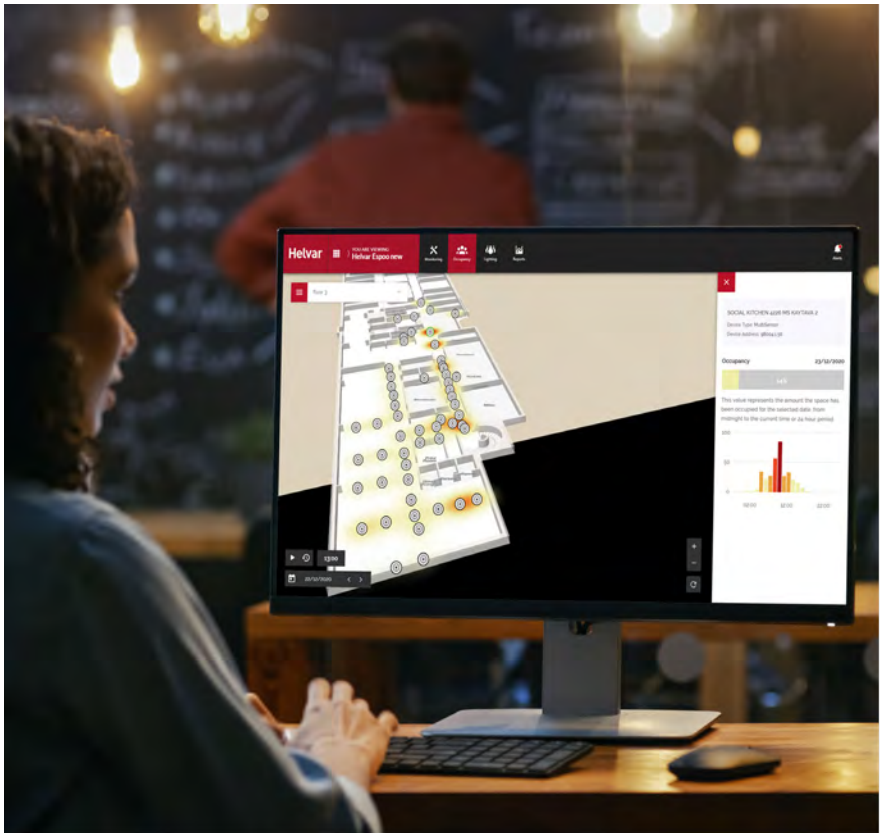


Helvar introduces its cloud-based suite of digital services

Espoo, Finland – Helvar has introduced its cloud-based suite of digital services – Helvar Insights, allowing building owners, facility managers, and tenants to understand how their building is used and how they could optimise the space.

Demand for new customer experiences, workforce innovation and intelligent buildings has resulted in the need for improved efficiency and a focus on the safety and wellbeing of users. In these times, it's essential to reduce on-site maintenance presence as much as possible. COVID-19 and the return to the office have resulted in an even greater focus on how buildings are used and the need to understand how much space and the types of spaces that are needed in a hybrid working culture.

Helvar Insights provides a simple interface, including floorplan graphics to monitor single or multiple sites throughout the lifecycle of the building, from any location and at any time. The reports and the insights gained from the data analysis help building owners, facility managers and tenants make decisions backed up by reliable data. They can take advantage of data gathered from their existing lighting control devices and sensors and receive intelligent insights that improve the wellbeing of users, the efficiency of buildings and help achieve sustainability targets.



Helvar Insights allows remotely manage, monitor and control how lighting control systems are performing, receive alerts and understand how building is used 24/7. Photo courtesy of Helvar.

Designed to alert the moment intervention is needed, Helvar Insights provides visibility of all issues with their severity levels and recommendations of actions to be taken. This means drastically less time spent on investigation, so errors can either be fixed remotely or with limited time spent on site, helping to maximise operational productivity and improve building efficiency and end-user satisfaction through intelligence and analytics.

In addition to these benefits and features, Helvar Insights also integrates with third-party systems. Since lighting and lighting-related sensors are everywhere, it has been logical to use data to provide insights into a building's usage and needs and optimise conditions in the spaces where people work, learn and relax. These conditions are not limited to only light but include other requirements such as temperature and humidity. Sensors installed as part of a lighting control system collect meaningful data that can be used to efficiently optimise a large range of systems and services. This results in substantial cost savings for more than just lighting, for example, through personal lighting, air conditioning control, heating, and cleaning, all while improving the wellbeing of the users of the space.

Helvar Insights is designed to help achieve true building optimisation and reflects Helvar's ongoing commitment to building business resilience for its customers. On the ground or in the cloud, Helvar Insights helps improve user wellbeing, business efficiency, and customer energy management by leveraging Helvar's industry-leading lighting control knowledge and innovation, local expertise, and its extensive partner network.



Helvar Insights is a scalable cloud-based suite of digital services that provides intelligent insights. Photo courtesy of Helvar.

Ayrton launches Huracán LT – aim far, aim with precision

Paris, France – Ayrton is excited to announce the arrival of Huracán LT, the latest in its range of long-throw fixtures designed specifically for stadium and arena use.

To create light for such immense venues is a privilege reserved only for the most powerful, feature-rich and advanced luminaires, and Huracán LT delivers like no other. Huracán LT generates an ultra-intense beam with the utmost precision and is ideal for creating the kind of choreography that is as graphic as it is breathtaking.

Aim far, aim with precision

Huracán LT can project over extreme distances, targeting a far-off subject with nuance, finesse, power, and true precision. A 225mm front lens forms part of the proprietary optical system of 13 lenses delivering a 15:1 zoom ratio and an impressive zoom range of 3.5 to 53°. A new, high-efficiency 1000W LED module delivers a record light output of 51,000 lumens at a colour temperature of 6700K, with a CRI greater than 70, and a factory-equipped, removable high-transmission diffusion filter erases the edge of the beam without changing its angle, ensuring precision and accuracy even over the longest throw distances.



Photo courtesy of Ayrton.

Revolutionary complex colour mixing system

Huracán LT uses the same patent-pending, revolutionary complex colour mixing system as Huracán Profile (launched in 2019) offering a double saturation level that can obtain over a billion colours. A triple variable colour temperature corrector (CTB, CTO and CTP) allows subtle adjustment from 2700K to 15,000K and offers noticeable CRI improvement in excess of 70. There is also a fixed colour wheel with six complementary colours.

Advanced effects and beam shaping for endless creativity

Huracán LT features an advanced framing section, which enables accurate positioning of four shutter blades on a 100

percent surface area in all positions, for precise framing of any object regardless of the luminaire's position.

The effects section includes two superimposed rotating gobo wheels each with seven HD glass gobos, a monochromatic multi-position effects wheel for horizontal, vertical or axial scrolling for creating flame, water or radiant effects, and a multi-layer CMY RGB wheel for unique multi-colour effects.

Huracán LT has multiple optical tools designed for beam shaping, including two combinable image-multiplying rotating prisms – one linear with four facets, and the other circular with five facets – a 15-blade iris diaphragm and 2 frosts. It also has an electronic dimmer allowing perfect, flicker-free light adjustment from 0 to 100 percent without colour variation making it perfect for television, film and video use too.

Combining exceptional power, creativity and precision Huracán LT, shakes up the world of light and offers amazing new perspectives as the ultimate tool for both stadiums and arenas and all large venues dedicated to major events.

Huracán LT is shipping with immediate effect.

Inter-lux launches all new linear lighting products

Baltimore, Maryland, USA – ProTools 60 Linear is the most recent addition to an extensive Whitegoods offering of innovative lighting tools.

Whitegoods ProTools 60 Linear is a complete range of high-performance, extremely low-brightness luminaires allowing designers to put light where it is meant to be without becoming the brightest object in the space. All lighting distributions including specialized wall graze, wall wash and perimeter systems are available in all mounting conditions. The entire Whitegoods product line is designed, engineered and produced in Maryland.

All Protools products use the Whitegoods proprietary, high-performance constant current LED boards – the same boards that can be specified in all Whitegoods linear and cove luminaires. Tunable White LED boards are available from 2200K-4000K to be selected while maintaining the same high-quality colour rendering as the standard LED. This feature is highly effective in health and wellness applications, as well as workspaces to increase productivity, architectural spaces to match natural light, and for design focus in retail and hospitality environments.

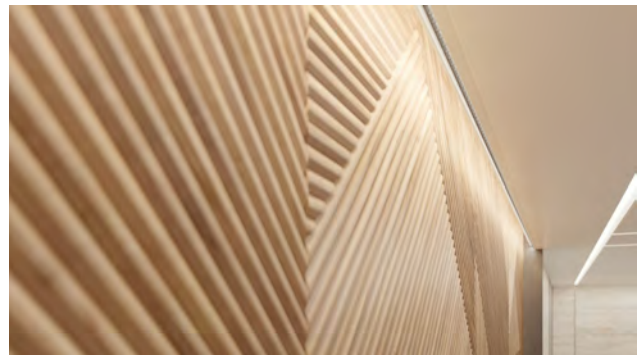


Photo: © Inter-lux

“ProTools 60 Linear is a world-class product family that will show interior spaces in the best light by delivering high-colour rendering illumination where it is needed without glare or distracting lens brightness. This range allows designers to create a consistent lighting theme for all spaces within a project from one succinct, logical and aesthetically congruent range of luminaires,” said Mark DeVries, CEO.

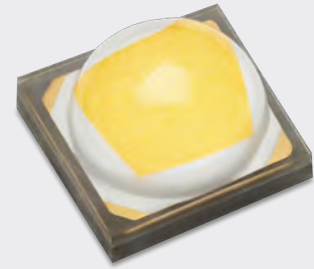
Lumileds boosts LUXEON HL2X Lumen maintenance, longevity and colour stability

San Jose, California, USA – Lumileds has upgraded its high-power LUXEON HL2X portfolio with higher light output and superior lifetime and colour stability. The entire LUXEON HL2X portfolio is available for orders with standard 12-week lead times. Now, with 330 or more lumens at 700mA and 85°C, LUXEON HL2X is the ideal choice for roadway, architectural, high and low-bay lighting, and even torches.

And with over 12,000 hours of test data, LUXEON HL2X lays claim to rock-solid stability with colour shift <2pts and supports manufacturers submitting to tenders with the most stringent long-term stability requirements.

The 3.5 x.3.5mm domed emitter with a standard 3-stripe footprint is highly compatible with similar emitters and standard optics are available. Options for 70, 80, and 90CRI and CCTs from 2700K – 6500K are available now for order with standard lead times.

“Luminaire manufacturers rely on four key factors: performance, reliability, ecosystem, and availability,” said Noman Rangwala, Director of Strategic Marketing and Business Development. “LUXEON HL2X performance and reliability are clear winners in the high-power LED segment. A broad and rich ecosystem – from boards to drivers, optics, and assembly are in place. And



we have invested to be able to deliver on-time with standard lead-times. Bottom line, LUXEON HL2X is a solution that manufacturers can count on.”

LUXEON HL2X is immediately orderable from Lumileds distribution network with standard lead times.

Cetus: the highly flexible, functional and sustainable downlight range

Spennymoor, UK – Thorn Lighting is pleased to introduce the new Cetus range which provides increased flexibility and performance. Alongside the Lumen Colour Select (LCS) feature, there's also a greater focus on sustainability

Lumen output and colour value selection made easy

With the Lumen Colour Select (LCS) feature, colour temperatures and lumen outputs can be chosen after the luminaire has been installed. This means that with Cetus, the use of a space can be defined last-minute, or even changed over time. This is done simply and quickly by using a screwdriver to rotate an inner plate which features embossed preset values. When doing this, there are 2 lumen outputs to choose from (800 lm and 1500 lm for the small variant, or 2000 lm and 3400 lm for the medium and large versions) and three colour temperatures (3000K, 3500K and 4000K).

The downlight range that always fits

Available in three different recess sizes (small, medium or large), the Cetus downlight range is extremely flexible. Fitting or covering all ceiling cut-outs from 95 to 230 mm, project needs can be met while at the same time, remaining

aesthetically consistent across a project. Tolerances of ceiling cut outs of 30-40 mm can be covered without the need for retro-fit rings, making Cetus the perfect choice for refurbishment projects. A recessed depth of just 100 mm also means that Cetus is well suited to installation in ceilings with shallow voids. The design of the Cetus is minimal, but its performance is not – with outputs of up to 3400 lm.

A step towards sustainability

This new range has a focus on sustainability – with efficacy up to 140 lm/W and a lifetime of L80 50,000 hours. In addition, Cetus is aligned with the Single Lighting Regulation (SLR) which now requires that lighting products comply with ecodesign requirements

Ulrich Juergenschellert, Product Manager Downlights, said: “The new Cetus range is low in complexity and high in flexibility. From the Lumen Colour Select feature which enables temperatures and lumen outputs to be chosen post-installation, to the plug



© Thorn Lighting



© Thorn Lighting

and play driver and three size options – we've created this product for simplicity. Whether it's a completely new project or a renovation and replacement of existing luminaires – Cetus provides an easy, consistent solution.”

Olà: The Masiero long seller shining cascade lighting collection

Casale Sul Sile, Treviso, Northern Italy – Designed more than 10 years ago by the creative lab in Masiero factory, with the contrast between its simple painted metal frame and the luxurious cascade of colourful glass pendants or transparent crystals, Olà lighting family is still one of the best and long-seller of the Venetian company.

A collection that can easily shift between contemporary or classic spaces, that changes by changing frame finishing, sizes, glass cascade colours and kind of lamp.

Numberless combinations of round or oval thin metal frame carrying a metal mesh from which a cascade of glass or transparent crystals of different heights hangs, to compose a ceiling, suspension, wall, table or floor shining lamp.

Countless possibilities due to the choice of frame decorations in matt paint (5 colors, from white, black, oxide red, navy blue to bronze) or burnished galvanic bath or precious leaf finish (silver or copper or gold, many colors for glass pendants or transparent crystals, many sizes available and the choice between traditional or LED source of light.

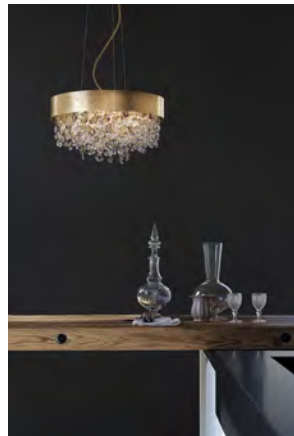
A long-life lighting collection bringing a sparkling mood in a living room or a kitchen, but also in an hotel lobby or restaurant room.



Olà table lamp in black. Photo: © Masiero



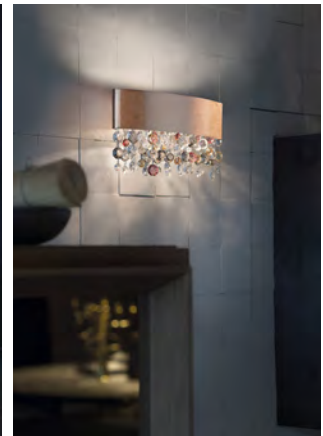
Olà suspension linear lamp 160 cm in copper. Photo: © Masiero



Olà suspension linear lamp 40 cm in copper. Photo: © Masiero



Olà suspension round lamp 90 cm in blue navy. Photo: © Masiero



Olà wall lamp 30 cm in copper. Photo: © Masiero

Pacific Lighting (HK) Limited launches Strand Electric Pattern 23M

Hong Kong – The newly launched Strand Electric Pattern 23M lantern from Pacific Lighting (HK) Limited is a carefully crafted, 1/3 scale replica of the original and much-loved Strand Patt 23 Mk1 designed by aircraft designer, Morgan McLeod.

The fully working model has a 3W 3000K LED source and is available with a choice of telescopic stand, swivel arm wall bracket or ceiling/floor plate. The lantern can be connected to a USB phone power supply or computer, and the beam angle can be altered by moving

the lens back and forward. More than just a nostalgia piece, the Pattern 23M is an ideal desk or reading lamp, a genuine talking point and the brainchild of Hugh Chinnick, Director of Pacific Lighting.

Chinnick has spent several years researching and developing the Patt 23M ('M' stands for Mini) to perfect every detail of appearance and performance.

"For more than twenty years it has been my dream to produce a scale model of the Patt 23, one of the most iconic lanterns in British theatre lighting history," said Chinnick.



Strand Electric Pattern 23M by Pacific Lighting (HK) Limited fits in the palm of your hand.



Strand Electric Pattern 23M by Pacific Lighting (HK) Limited on the ALPD stand.
Photo: © Julie Harper

“It has taken over four years of development, failures and triumphs. I have been fortunate and very grateful to have had the contribution, encouragement, and expertise of people without whom my dream would not have been realised: Mike Wood who meticulously produced the very first 3D printed working model of the lantern and kept my feet firmly on the ground, and Scott Ingham, Susan Lo and their team at Ingham Design who took on the onerous task of preparing all the necessary detailed drawings in preparation for production,” he added.

The Pattern 23M is cast in zinc which provides a far superior quality of finish while retaining excellent thermal

properties as a heatsink for the LED, together with a good weight. Over time, zinc will attain a darker patina giving the lantern and accessories a ‘used’ appearance for further authenticity.

Even the box in which the Pattern 23M is packed is a replica of the original, right down to the British Rail Certificate of Compliance for Conveyance stamped on the top, as was required for rail transport at the time. The inner packing material also replicates the wood shavings used to pack the original lantern.

The Pattern 23M made its first physical appearance at a tradeshow at PLASA 21 in London’s Olympia where they wowed visitors with their bijou perfection.

Hangman: A new collection of luminaires from Rakumba

Victoria, Australia – Australian decorative lighting brand, Rakumba, and esteemed Australian designer, Adam Goodrum, are excited to present their first-ever lighting collaboration, entitled Hangman. A nostalgic nod to the universally recognised analogue game of ‘Hangman’, the light is an exercise in playful design and simple, yet magically executed geometry.

“Hangman channels light through the most minimal structure, while giving a high degree of functionality via numerous positions and light directions,” said Mr Goodrum of the collection, which encompasses a table lamp, floor lamp and ceiling pendant.

The concept for the collection came from Adam Goodrum’s enduring fascination with mechanisms and geometry. His process of conception began with free-sketching and an exploration of geometric interaction.

“What arose was an “analogue game bound by geometric rules,” added Mr Goodrum.

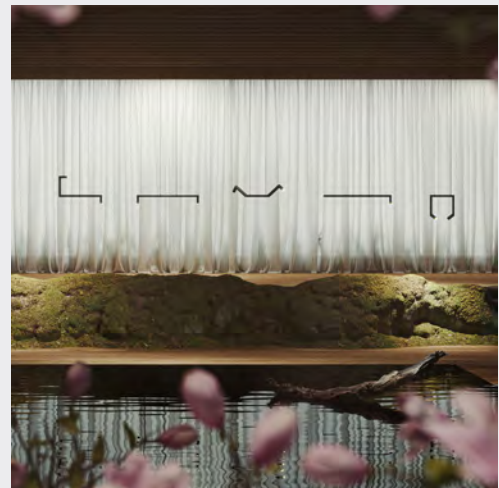
Rakumba Head of Design, Dan Treacy, said Hangman embodies the effortless complexity typified by Rakumba. “It is a piece that charms with a mischievous edge but hiding below the surface is a rigorously considered product. Somewhere between that innovation and distinctive form, Hangman has the potential to be a future design icon,” said Mr Treacy.



Australian designer, Adam Goodrum.
Photo: © Rakumba



Photo: © Rakumba



CGI & Animation: © Rodrigo Rabaco

STANT System for Pendant or Ceiling Lamp



Stant by Edmondo Testaguzza for KARMAN.



Stant by Edmondo Testaguzza for KARMAN.



Stant by Edmondo Testaguzza for KARMAN.



Stant by Edmondo Testaguzza for KARMAN.

From KARMAN Srl, this Stant series of suspension and ceiling lights is inspired by the basics of geometry: lines and circles.

Inspired by the Italian verb 'Stare', the Stant collection is composed of motionless, linear shapes, which recall early-twentieth-century engineering structures. All components are clearly visible and assembled with visible pins, into which elements such as cylindrical spotlights or satin-finish spotlights made from blown glass of varying different sizes can be freely inserted.

The Stant system leaves you free to create your own personal micro-structure and little universe thanks to elements that don't require additional power cables.

Design: Edmondo Testaguzza

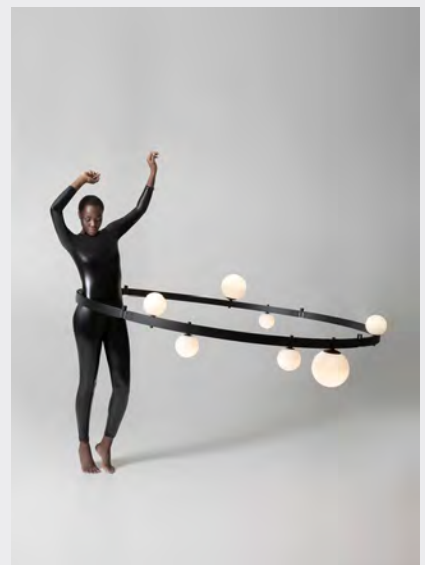
Colours: white or black

Materials: aluminum

Lighting source: LED - 260 lm for globe 900 lm for spotlight

Dimensions: Custom compositions, pendant or ceiling systems with modules, in white or black metal, with the following accessories:

1. frosted glass globe ø12cm 2,4W
2. frosted glass globe ø20cm 8,4W
3. white metal spotlight 8,4W
4. black metal spotlight 8,4W



Stant by Edmondo Testaguzza for KARMAN.

New product launch: Lamptub 60 and Nomadic System, the modular lighting system by Lamp

Terrassa, Barcelona – Lamptub 60 and Nomadic System are new modular lighting system by Lamp.

Lamptub 60: the renewed expression of a classic that adapts to the needs of constantly evolving demanding spaces

Lamptub 60 is the redesign of its predecessor, the classic Lamptub 80 luminaire with a circular area, which came into being more than 25 years ago. This new family of Lamptub 60 linear luminaires not only represents an aesthetic and technological update, its essence has been reinvented to respond to the new needs of constantly evolving demanding

spaces, thanks to its lighting versatility and its multiple installation options.

Some of the aspects of this large family to be highlighted are:

- Visual comfort: With Opal and Opal Confort diffuser options for better lighting control and glare reduction.
- Photobiological safety: Luminaire classified as 'risk-free' (RG0) according to the Photobiological Risk standard UNE 62471.
- Technological variety: Different levels of Lamp's technology gradient in different colour temperatures (2,700, 3,000 and 4,000K) and tunable whites.



Photo: © LAMP



Photo: © LAMP

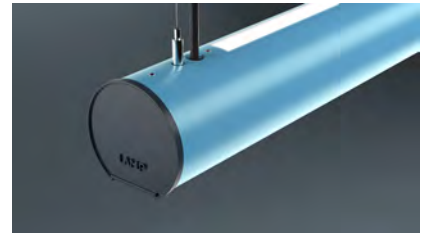


Photo: © LAMP

- Versatility: Multiple installation possibilities such as surface or suspended track for integration into Nomadic System, or suspended track with recessed or surface-mounted rose.
- Sustainability: Manufactured from recycled extrusion aluminium.

The LAMPTUB 60 luminaire, in addition to the black and white finish options, comes with two new palettes of finishes that promote sociability, well-being, emotion, and connection with nature: Wellbeing and Be Social palette, giving the option of two-tone configurations, thanks to the combination of their end covers. LAMPTUB 60 was one of the products selected in the 2020 Delta Awards, awarded by the Industrial Design Association of Fostering Arts and Design (ADI-FAD).

Nomadic System

In order to respond to new lighting challenges, at Lamp we have conceptualised and designed the Nomadic System, creating a modular lighting concept that provides the space with an integrated infrastructure that makes it possible to adopt a multitude of lighting configurations.

Nomadic System is compatible with the Hance, Kombic Surface, Lamptub 60 and Stormbell 80 luminaires, another of LAMP's upcoming new launches.

This type of flexible, adaptable, and dynamic lighting makes it possible to customise the environmental options depending on the user's preference and the needs of the task to be performed, as well as to adapt to spatial transformations. This is a break from the traditional paradigm of lighting based on rigid matrices of luminaires incapable of adapting to different spatial configurations.

These are some of the benefits of Nomadic System:

- Versatile design: Lighting that adapts to the needs of architectural and lighting design.
- Technological variety: Multiple options to cover any need.
- Integration in space: Modular system that facilitates any composition and is easily integrated into multiple ceiling types.
- Easy installation: Simplification in the coordination of MEP (Mechanical, Electrical, Plumbing) installations and assembly.
- Dynamism: Lighting system that easily adapts to special configuration changes.
- Sustainability: Designed within a circular economy concept that facilitates the recovery and reuse of luminaires. In addition, it is a highly efficient system from an energy perspective, giving priority to the use of sustainable materials.

Inn, the new design by a-emotional light

Inn is the new proposal of a-emotional light developed entirely by the company's design team. A conical shape in which past, present and future come together. In this design, the stainless steel mesh remains the protagonist. Its folds come together to reach a common point: light.

The painted stainless steel mesh, the company's star material, is folded and collected in a customised black capsule that houses the light source. Inside, Inn holds a surprise: a black ring where all the folds connect. This design highlights the beauty of the interior, showing the folds and shapes that converge at one point.



The metallic elements (upper capsule and inner ring) characteristic of Inn are customized, you can choose the finish and combine it with the lampshade colour that best suits you and your space.

This design is designed to create atmospheres in spaces individually or in compositions full of geometric patterns.



Ingo Maurer expands the “Tubular” lamp family with the new “Tubular Balance” table lamp

Munich, Germany – With “Tubular Balance”, Ingo Maurer GmbH is introducing the newest member of its “Tubular” lamp family, brought to you from the creative mind of Sebastian Hepting. Measuring 125 cm long, the light of the intricate glass tube luminaire table version covers a large area, making it ideal for desk or office lighting. The glass tube attaches to the ceiling with a thin rope and, in this newest version, stands on a luminaire base. Acting as a counterweight via a tension cable, it keeps the transparent glass tube suspended in mid-air. “Tubular Balance” is a hybrid between a pendant light and a table lamp and can be connected to a socket without the need for a ceiling outlet. Lighting designer Sebastian Hepting presented the new table lamp for the first time at the Design Post Days in Cologne on 1 October 2021.

Hepting chose an unprocessed borosilicate glass tube for his design in which numerous LEDs are strung together like pearls. A coloured textile

cable is loosely wrapped around the glass tube, creating a striking juxtaposition with the linear character of the light fixture. “Tubular Balance plays a graceful balancing act that combines an air of weightlessness with stability,” says Sebastian Hepting, describing the new luminaire, adding that “it does not need to be stabilized by an arm due to an ingenious system of delicate tension cables and seems to defy the laws of gravity.” Inspired by a ship’s mooring lines that are wrapped around a bollard at the harbour, the textile cable winds around the base of the lamp, making its way upwards to the glass tube. It is both decorative and functional. Customers can choose between a red or a white textile cable. Special colours are available upon request for larger quantities: the luminaire is customisable and can be combined with different coloured cords

Thanks to its variable nature, “Tubular Balance” lends a versatile element just as the pendant lamp “Tubular” does. The glass luminaire



The new Tubular Balance table lamp.

Photo: © Ingo Maurer GmbH

with continuous dimming offers ambient lighting to both a private and a professional setting – whether as a table light at home, in the kitchen, in restaurants, over a bar, in hotels or boutiques. No ceiling outlet is required for the multipurpose “Tubular Balance”. Simply plug the linear luminaire with high luminous flux into a socket. The glass tube can also be rotated 360° in the cable loops, allowing for a precise tabletop lighting setup. It can even be positioned as a wallwasher or uplight.

LEDVANCE launches new professional urban outdoor LED luminaires portfolio

Garching, Germany – In September 2021, LEDVANCE launched an expanded professional urban outdoor luminaire portfolio that covers a variety of outdoor applications such as lighting for streets, car parks, sports facilities, and other large outdoor areas. As well as offering robust, durable, highly efficient and flexible LED solutions for these applications, the luminaires have been designed to make the installation as quick and convenient as possible with regard to the often challenging installation conditions outdoors.

LEDVANCE is expanding its urban outdoor range, featuring modern highlight LED luminaires for applications such as streets, car parks, sports and other facilities. Lighting for these outdoor applications needs to meet the highest demands in terms of safety, functionality, visual comfort and robustness. With the modular, high-power FLOODLIGHT MAX and the new modern and durable STREETLIGHT FLEX product category LEDVANCE now offers completely new outdoor options that are reliable, powerful, extremely efficient and easy to install. The urban outdoor portfolio has also been expanded with the FLOODLIGHT COMPACT range which is stripped down to the essentials to offer safe and long-lasting outdoor lighting.



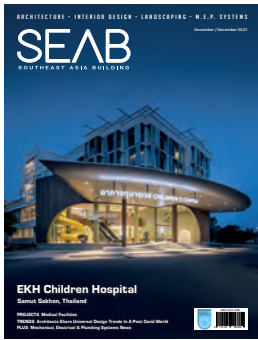
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