

lighting today

Volume 3 | July - September 2021

Smart Lighting

Relighting of the Gran Melia Jakarta

The Gran Melia Jakarta now has a sophisticated, smart light and controls environment, thanks to LaaS Lighting solutions. **p22**





ON THE COVER

Gran Melia Jakarta. Photo: © LaaS

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PUBLISHER
Steven Ooi
steven.ooi@tradelinkmedia.com.sg

ASSOCIATE PUBLISHER
Eric Ooi
eric.ooi@tradelinkmedia.com.sg

EDITOR
Amita Natverlal
lighting@tradelinkmedia.com.sg

MARKETING MANAGER
Felix Ooi
felix.ooi@tradelinkmedia.com.sg

**HEAD OF GRAPHIC DEPARTMENT/
ADVERTISEMENT COORDINATOR**
Fawzeeah Yamin
fawzeeah@tradelinkmedia.com.sg

CIRCULATIONS EXECUTIVE
Yvonne Ooi
yvonne.ooi@tradelinkmedia.com.sg

Dear Readers,

Welcome again to *Lighting Today* where lighting meets architecture. We hope everyone is in the pink of health. Stay safe and continue to take care of yourself and your loved ones. In this issue, we look at lighting in building facades and landscaping. You can view the stunning projects from Singapore, Indonesia and more. In the smart lighting section, we look at the refurbishment of Gran Melia Jakarta hotel which included installing new spectacular, sophisticated and energy-efficient lighting effects to showcase the hotel's architecture. Lastly, don't miss our product showcase section which features some new lighting solutions and technologies in the industry. I hope you will enjoy reading this issue. If you have any feedback, write to me - I will be happy to hear from you.

Amita Natverlal
Editor

Volume 4 / Quarter 4 Topics

Lighting Project: Warehousing & Hangar Lighting, Sports Lighting, Stage & Event Lighting

Smart Lighting: Smart Cities (Infrastructure)

Product Showcase: Interior, Exterior and Decorative Luminaries

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#06-04 Prosper House
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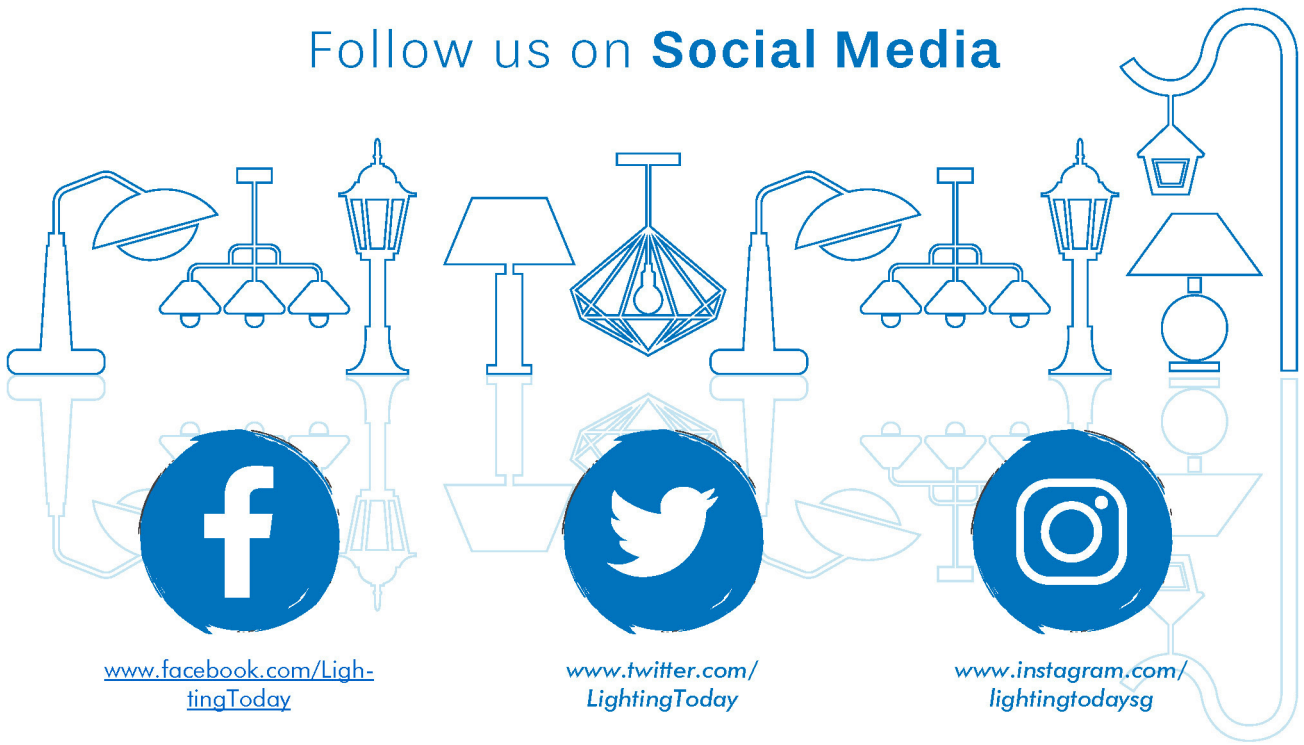
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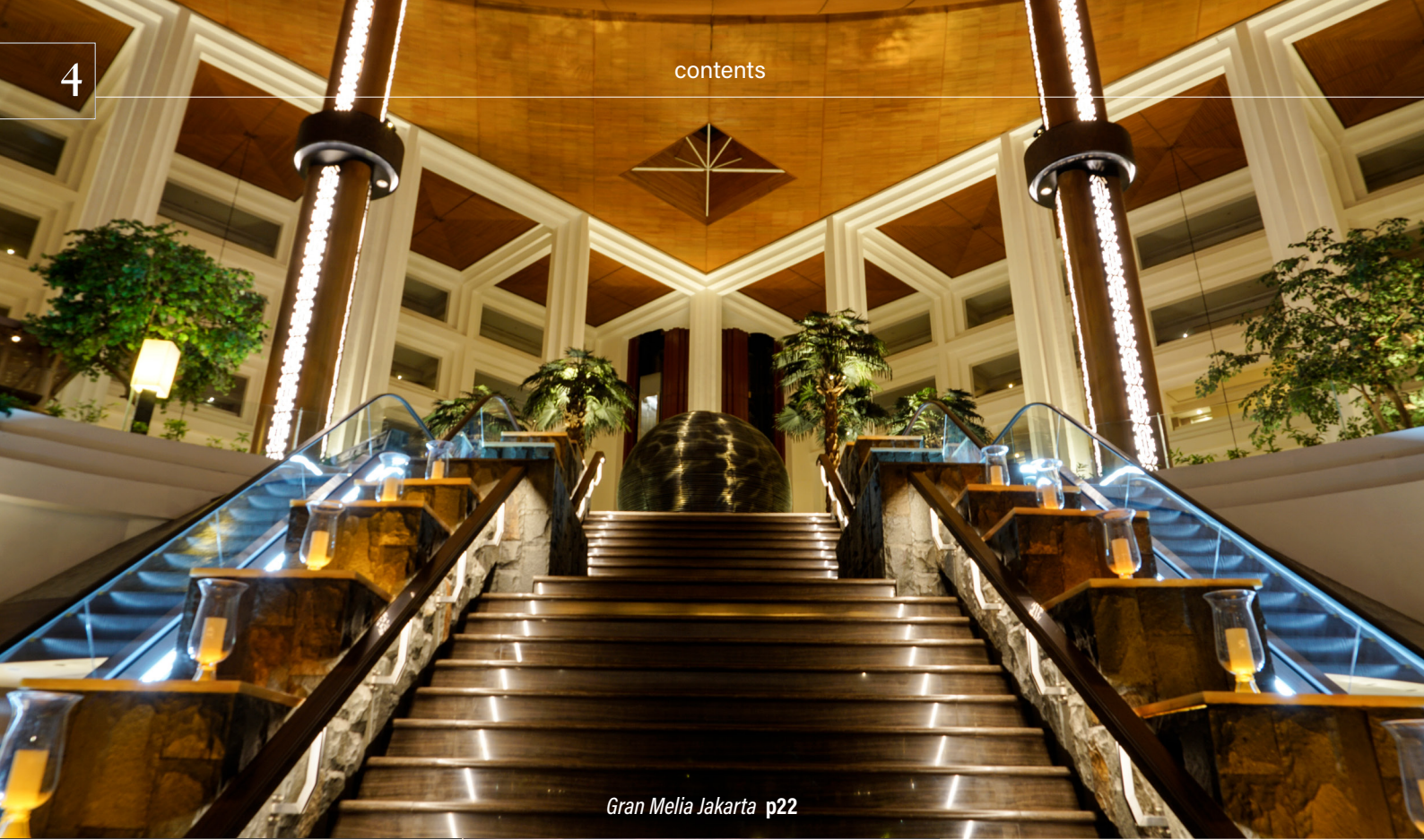
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26 PRODUCT SHOWCASE

ams OSRAM and Acuity Brands reach an agreement for Acuity Brands to acquire the Digital Systems business in North America

Munich, Germany – ams OSRAM has announced the sale of the North America-Based Digital System (DS) business, which primarily manufactures lighting control systems, electronics and drivers, to long-time customer and partner Acuity Brands. A leading U.S. industrial technology company, Acuity Brands is acquiring the Digital Systems business in the US, Canada and Mexico, which currently have about 1100 employees.

ams OSRAM North America Digital Systems business develops and manufactures lighting components including drivers, LED light engines, electronic ballast and connected components and is one of the largest LED lighting driver companies in North America. LED drivers are a crucial component of every luminaire and enable smart and embedded technologies to make lighting and controls more available, reliable, and open for broader access. The acquisition of ams OSRAM's LED drivers and team expands Acuity Brands capabilities and its advanced LED driver portfolio. Acuity Brands' ownership will bring a strategic perspective and fit to the customers, employees and business overall.

Acuity Brands and DS have a long history of working together, spanning decades. This close relationship and mutual understanding of each other's business is expected to enable a



Photo: © OSRAM

rapid integration. The company will take over the DS business in the USA, Canada and Mexico, including the production facility in Monterrey, Mexico. The transaction is expected to close during the summer of 2021. The parties have agreed not to disclose financial details.

Winners of the 2021 IALD Awards announced

Chicago, Illinois, USA – Luminaries of the lighting profession gathered online for the second time to honour the winners of the 38th Annual International Association of Lighting Designers (IALD) International Lighting Design Awards, presented by Cooper Lighting Solutions, the longest running and one of the most prestigious lighting design awards programs in existence.

20 projects were on display from 10 countries – including exteriors, interiors, memorials, hospitality, hospitals, retail, and places of worship. This year's winners represent some of the most innovative and inspiring architectural lighting design work found anywhere in the world.

IALD Awards Chair Mirjam Roos, IALD, CLD, commented, "Every year we see an increase in the quality of entries and this year is certainly no different. Our seven-member panel of judges evaluate each project submission for demonstration of excellence across ten distinct areas in a rigorous and blind process."

The highest point score winner



Toranomon Hills Business Tower. Lighting design by Sirius Lighting Office Inc.

Photo: © Fumito Suzuki

across all entries, in addition to receiving an Award of Excellence for their project, received the IALD Radiance Award for Excellence in Lighting Design, the highest honour in architectural lighting design. This year, the IALD

Radiance Award for Excellence in Lighting Design goes to Sirius Lighting Office Inc. for Toranomon Hills Business Tower in Tokyo, Japan.

For the full list of winners, visit www.iald.org.

MPHK Group chooses Elation for IP lighting upgrade at Ocean Park Hong Kong

Kerkrade, The Netherlands – Ocean Park Hong Kong is thrilling guests with dynamic lighting enhancements courtesy of MPHK Group Ltd. and Elation Professional. The popular Hong Kong attraction updated the exterior lighting at its iconic main entrance, along with lighting upgrades to its awe-inspiring “Gala of Lights” multimedia shows. The show and park-wide lighting upgrades were designed by award-winning multimedia studio Moment Factory.

Main entrance impression

Situated in Hong Kong’s Southern District, Ocean Park is a marine park, oceanarium, animal facility and theme park resort all in one. The 44-year-old attraction, which merges entertainment with conservation advocacy and education, is one of the city’s longest-serving recreation parks and tourist attractions.

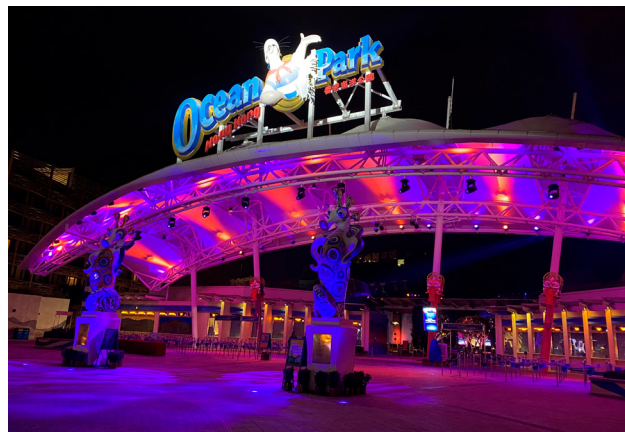
One of the thrills of any theme park resort visit, and certainly at Ocean Park, is the moment a visitor first sets eyes on the entrance marquee and gets a glimpse of what awaits inside. As part of the lighting upgrade, the main entrance canopy arch at Ocean Park now beckons guests with lighting effects from a line of 10 IP65-rated Proteus Maximum™ LED moving heads. The 50,000-lumen power luminaires are used to spread colour and pattern across the entrance plaza while powerful beams cut through ambient light to help build excitement and portend the thrills that await.

Much of the entrance area – ticket counters, coral alley, boardwalk and village – is bathed in color from 157 SixPar Z19 IP™ luminaires, IP65-rated 6-colour PAR wash lights with zoom. Headquartered in Hong Kong, entertainment technology specialists MPHK Group Ltd supplied the Elation lights to contractor BYME Engineering Ltd. for the main entrance portion of the lighting upgrade.

Aqua City Lagoon and “Gala of Lights”

The Grand Aquarium, one of Ocean Park’s most iconic attractions, and the Aqua City Lagoon situated right next to it, are home to the park’s nighttime special “Gala of Lights,” where 360-degree water-based multimedia shows thrill guests in an immersive multi-sensory experience.

“We sought to enhance the existing architecture at Aqua City by illuminating areas around the Lagoon and engaging with guests to encourage them to stay and experience the new nighttime offerings,” said Timothy Ng, Executive Director,



Operations & Entertainment at Ocean Park Hong Kong.

“Gala of Lights” boasts two immersive multimedia shows – “Soul of the Ocean,” a one-of-a-kind spectacle celebrating nature in all its wonder, and “Visions of Hong Kong”, a dazzling multimedia fountain show that takes the audience on an inspirational journey through the city and beyond.

MPHK supplied Elation lighting along with lighting from Elation sister-company Acclaim to contractor ArcSource Ltd. for the Lagoon area install. Some 48 Proteus Hybrid™ beam/spot/wash moving heads mounted on light poles around the Lagoon area serve both aesthetic and functional purposes while 8 custom-painted Proteus Hybrid fixtures work from the Aquarium roof. Acclaim products include 56 Aqua Graze™ linear LED fixtures and 8 Acclaim Aqua Drum HO™ wash fixtures mounted on the performance stage. Some 140 metres of Acclaim Flex Tape trace an outline of colour from around the edge of the stage.

The lighting covers a large surface area and from its rooftop and pole positions provides multiple grand gestures with sweeping beams. “It was necessary to integrate the technology into the architecture as seamlessly as possible,” commented Ng.

With their ability to position at will and project in virtually any direction, the Proteus Hybrids can be used as attention-gathering beams one minute and show lights the next. “We wanted the lights to offer a variety of effects to support all show formats, including dynamic show lighting and frontlight for performers,” concluded Ng.



Teamwork and attention to detail go hand in hand for Kaufmann Bausysteme's new company headquarters in Vorarlberg

Dornbirn, Austria – The clear, linear structure of the new Kaufmann Bausysteme headquarters in Reuthe, Vorarlberg, is already apparent from the outside. The international company is a global market leader in timber modular construction. The modular building, designed by Johannes Kaufmann Architektur, NKBAK Architekten and sps architekten, uniquely epitomises flexibility, sustainability, simplicity and quality. Zumtobel worked closely with ceiling systems manufacturer HAUFE on the project: the lighting solution was specially adapted to the surface-tempered baffle ceiling, integrating perfectly into the architecture.

The 54-metre-long building, which stretches over two floors and comprises a total of 32 individual modules, was built in record time, with construction taking only six months, thanks to the modular design.

The clear, linear design of the building is further enhanced by Zumtobel's lighting solutions. The compact SUPERSYSTEM inline recessed LED module has been adapted for the baffle ceiling to create a flexible system of light modules that can be positioned wherever required. Notable



The 54-metre-long new building for Kaufmann Bausysteme, which extends over two storeys and consists of a total of 32 individual modules, was completed in record time: just 18 months from the first draft to moving in, thanks to the modular construction method.

Picture credit: © Zumtobel, Foto: Jens Ellensohn

features of SUPERSYSTEM include its symmetrical wide-beam homogeneous light distribution with a beam angle of 60° and colour rendering of Ra > 90, while the micro-pyramidal optics ensure optimum glare control. The LED modules can be easily mounted in the baffle ceiling, with no need for tools. PANOS downlights were installed in

the outdoor areas and sanitary facilities, with high-quality light provided in the bar area by the simple and elegant PANOS pendant luminaires. The streamlined, cylindrical aluminium luminaire body perfectly complements the modern, minimalist architecture, emphasising its individual impact and creating tasteful lighting.

The Denice project by Spacecannon

Costa Masnaga, Italy – Denice is a small village in Alessandria Province (Italy), not far from Acqui Terme. The village with only 200 citizens is placed on the top of a hill and controls part of the Bormida river valley.

In the middle of the village, the 36 metres high medieval tower has been illuminated by Spacecannon. The major of the village wished to make the tower shine during the night, so it can be visible from far away. His desire was fulfilled illuminating the four sides of the structure from top to bottom using only 8 eBLACK Kompact 1 with 2700K warm white light. An accurate selection of optics was made in order to achieve high lighting uniformity vertically on



Photos: © Spacecannon

the walls.

Beautifully lit with only 1200W, the medieval tower will continue to make Denice shine throughout the Bormida

river valley.

The project was completed in 2020 and it was realised in cooperation with Aen Energia srl (AEN).

German Brand Award 2021 for PLEXIGLAS® molding compounds advertising campaign

Darmstadt, Germany – Elegant design luminaires, bright floodlights for sports facilities, high-gloss but tough surfaces for household appliances – PLEXIGLAS®, Röhms PMMA (polymethyl methacrylate) brand, is one of the world’s best-known plastic brands and impresses with its diverse properties and application possibilities. The Molding Compounds Business Unit at Röhms GmbH has promoted the broad spectrum of PLEXIGLAS® molding compounds through its successful international “Black & Bright” campaign for several years. The campaign’s motifs have been gradually incorporated into Röhms’s corporate design and have lost none of their impact and charm along the way. On the contrary, the humorous and emotionally engaging motifs are a perfect complement to Röhms’s strong brand presence. The campaign’s success has recently been recognized by the German Brand Award 2021 in the category “Brand Design – Corporate Brand”.

A visually successful pairing of Röhms and PLEXIGLAS® molding compounds

Röhms’s brand identity reflects the strategic mission of the company, which launched in 2019, to be the leading supplier of methacrylates. The corporate design impresses with strong visual anchors and a clean, streamlined layout with striking colours and bold typography. Integrating the second series of adverts from the Black & Bright campaign for PLEXIGLAS® molding compounds into the new corporate design means that Röhms and the strong PLEXIGLAS® brand complement each other very successfully on a visual level. “We are proud of being recognised by the German Brand Award 2021,” said a delighted Siamak Djafarian, Head of the Molding Compounds Business



Photo: © Röhms GmbH

Unit at Röhms GmbH. “This continues the success story of our ‘Black & Bright’ campaign, as adverts targeting automotive and household applications have made it onto the list of winners in previous years.”

The German Brand Award is a competition held by the German Brand Institute and recognizes successful brand management in Germany. Its aim is to discover, showcase and award exceptional brands and brand developers and, in doing so, not only promotes its winners but also their respective industries. One of the latest advertising motifs for lighting applications shows a potter creatively shaping a globe of light with his hands. The message: PLEXIGLAS® molding compounds offer product designers a high level of design freedom, for example in the development of stylish lighting solutions.

LIGMAN way finding bollard FREETOWN wins Red Dot Award

Czech Republic – Ligman announced that the LIGMAN way finding bollard FREETOWN has received the prestigious Red Dot award for Product Design in 2021.

A modern urban lighting furniture, the way finding bollard is impact resistant and has a contemporary minimalist design. It provides glare free light distribution.

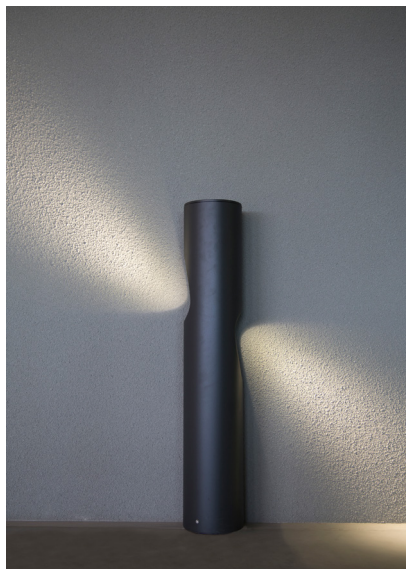


Photo: © Ligman

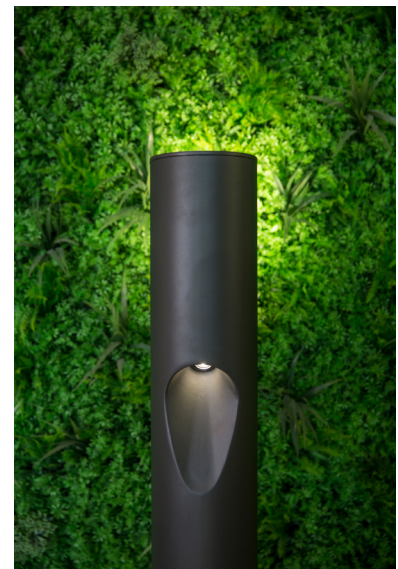


Photo: © Ligman



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Lighting up the Zhongdu Ancient Town

China

PROJECT NAME:
Luzhai Zhongdu Ancient Town

PROJECT LOCATION:
Zhongdu Ancient Town, Luzhai County, Liuzhou City,
Guangxi Province, China

LIGHT SUPPLIER:
Hangzhou YD Illumination Co., Ltd

COMPLETION:
September 2020

PHOTOS:
© Hangzhou YD Illumination Co., Ltd





Zhongdu Ancient Town is like a beautiful crowd of deer singing a song. Located in the northwest of Luzhai County of the Guangxi Zhuang Autonomous Region, it is regarded as the cradle of Luzhai civilization. What's more, it has been long known as "the Shining Pearl of Forty-Eight Alley" and it acts as shooting scenes in CCTV's Spring Festival Gala public advertisement named "family and nation flourishing". Hangzhou YD Illumination Co., Ltd was proud to be involved in this project.

Myriad twinkling lights elegant with classic simplicity

The whole ancient town's traditional residences are featured as black bricks and grey tiles and wooden frames. The night lighting schedule is conducted by



“One axis, two belts, four areas, four extended places, and multi-nodes” and its lighting renovation focused on ancient architecture, roads, ancient banyan and wharf as well as creation of interesting laser show for the ancient wall and East Guangdong Province Pavilion. And Hangzhou YD Illumination emphasised the regional characteristics and antique and thus created both ancient and natural and vivid ancient town night landscape lighting.

This project mainly used YD brand high power wall washer serials and did lighting renovation on the architecture and roads. To protect the Monuments Architecture, Hangzhou YD Illumination adopted the “far flooding” method to light up the ancient architecture according to the location situation and it finally vividly shows the existence of ancient architecture itself.

Combining the local traditional classic and modern technology, the interesting nodes of lighting in Ancient Town created harmonious interaction between people and lighting and brings people with the most vivid ancient town lighting experience.

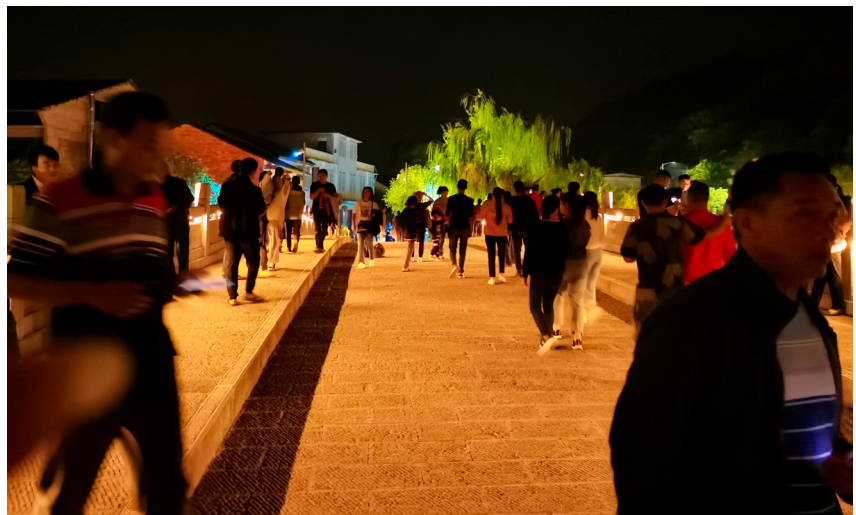
The completion of the project

brought many customers to the town. The kids played and the tourists walked and they enjoyed the charms of the millennium historic town.

When the light expresses its archaic rhyme, people feel like they have traveled back to the ancient times of the town and the site shows the joyful and peaceful scene.

With beautiful lighting decoration, the ancient town looks like the most shining pearl in the Milky Way and

it shines in the quiet heaven and tells the story of its thousands of years of history and the residences, businesses, wharf, hotels, pavilions, etc. Ancient architecture glow with new vitality. YD brand high-quality lighting products successfully build the characteristic cultural town for Liuzhou city and the cultural tourism landscape stimulate the local economy sustainable development and this will instantly lead the new fashions of night tourism in local.





Magical Shores

Singapore

PROJECT NAME

Magical Shores

LOCATION

Sentosa Island, Singapore

CLIENT

Sentosa Development Corporation

ARCHITECTURAL LIGHTING CONSULTANT

Lighting Planners Associates

CREATIVE DIRECTION / SYSTEM ENGINEERING

1-10 Inc.

INSTALLATION

Hexogon Solutions

LIGHTING PRODUCTS

Chauvet Professional, Claypaky, and Christie

COMPLETION

2020

PHOTOS

© Lighting Planners Associates





Magical Shores is a permanent interactive lighting installation stretch over 400-metre-long sandy beach of Siloso Beach in Sentosa island, Singapore.

Merely 15 minutes away from the city centre of the state island of Singapore, Sentosa island is a small leisure island with a lavish nature contains attractions such as the Universal Studio and casino, beach clubs as well as numerous resort hotels.

The client, Sentosa Development Corporation, has a long-term vision of revitalising the island as a nighttime destination for not only the tourists, but for the local residents to repeatedly visit the island to appreciate the evening stroll.

The large scale of a redevelopment work connecting from the inland to the beach is currently under construction and “Magical Shores” was planned as an interim project until the redevelopment is due to complete in 2023.

Lighting Planners Associates (LPA) was engaged together with a Japanese digital creative agency to create an

interactive lighting and projections, and with sound to respond to the rich biodiversity of the island. The concept was developed with the client to provide a multiple sensory experience along the 400-metre-long beach with small islets floating on the seas.

Based on the narrative created, 15 minutes long four sequences were designed- Nocturnal Awakening, Rising Tides, Force of nature and The Last dance.

Because Magical Shores had to be durable for at least the next three years daily operations, one of the biggest challenges for LPA was to come up with the technical solutions and set ups for the fully outdoor environment.

There are 6 lighting elements in the installation:

- interactive projections on the beach: as visitors walk on the beach,

the sensor will create interactive projection such as water ripples, sparkles.

- flood lights on the beach; blended with projections, flood lights are washing the 400 metres of beach.
- projection to trees on islets; organic projection on the tree appears every 15 minutes.
- uplights to the trees on islets; shows the tree alive and breathing by changing its colour and brightness.
- beam lights on islets; happens occasionally, dancing around spout into the sky.
- fog light on islets; simple flood light to fog generated by 500 nozzles per islets, visualise the wind. No light when the wind blows away the fog.

All light elements are individually linked with DMX protocol and controllable together with sound speaker, sensors from centralized control room.

Multiple sensors are located throughout the site and sensing the power of wind, orientation of wind, number of people and even how aggressive the people on the beach. Artificial intelligence set up in the control system will get signals and choose a hundred of preset scene programmed for each lighting elements. As result, the lighting and sound are keep changing and never the same.

Right after the sunset, light and sound starts gradually and run 3 hours. The light and sound are flowing slow and relax, each element change



individually most of the time. There is a peak moment of 3 minutes at 15 minutes interval, all elements start synchronizing and become fast and aggressive.

The lighting for this project is dealing with full colour but no white light, which is unusual for LPA's practice as architectural lighting consultant. The challenge was to make the light environment not harsh but still attractive by coloured light. Colour of light was carefully selected mainly from the sky light colours observed in Sentosa Island and limited to the colour exists in the nature.

Working on the project with the

digital creative company was a lot of learning. There were different terms and language used for LPA's communication, and different approach of creative process in the beginning of collaboration but by understanding strength and specialty of each other and setting the same goal to achieve, LPA established great teamwork through the design process and site production.

The biggest challenge was the site construction. There were many site restrictions due to the location of the coast area. High level marine grade protection and consideration of equipment installation was required for all equipment preventing from rusting and vandalism. On the other hand, the project will be operated daily for the next 3 years, the installation had to be considered as permanent, which required enormous infrastructure work such as laying cable underneath beach sand and across the sea to islets.

"We design the lighting to be flexible enough to adapt to the coastline and the beach formation that change day to day. Normally, this type of light installation is expected to be showy and flashy to attract one-time audience, however, we managed to design timeless, never tiring lighting environment that visitor could feel coming back again and again, which we think the value we contributed to the project as lighting consultant," said a spokesperson from LPA.

Magical Shores is now attracting visitors as a new destination for a breezy nocturnal experience interacting with nature and light.





Toa Payoh West Community Club

Singapore

PROJECT NAME

Toa Payoh West Community Club

LOCATION:

Singapore

CLIENT

People's Association

**ARCHITECTURAL
LIGHTING CONSULTANT**

Illuminating Asia SG Pte Ltd

LIGHTING PRODUCTS

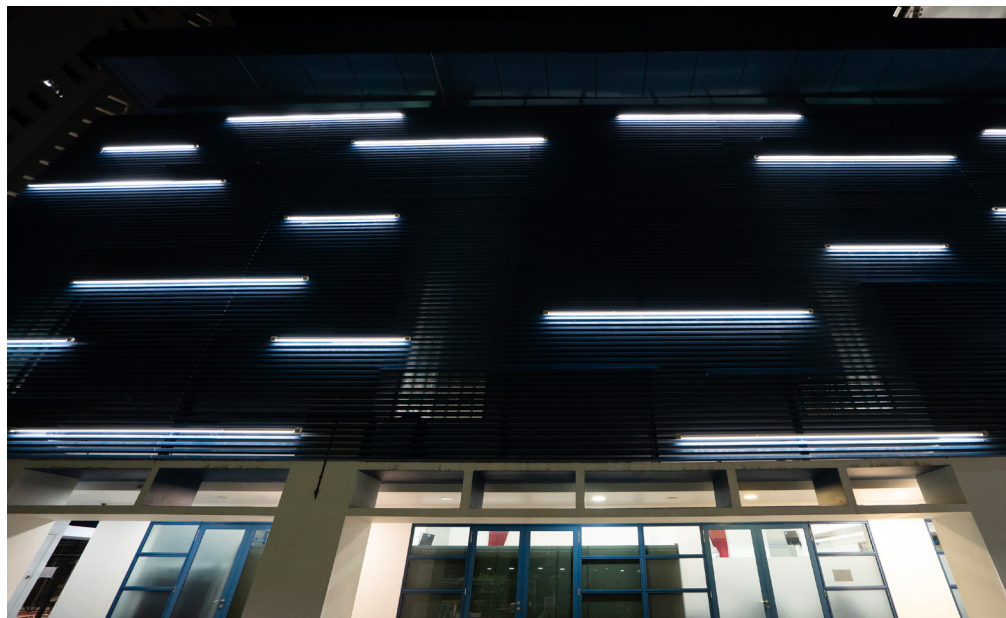
Galaxias Series LED Strips

COMPLETION

2019

PHOTOS

© Illuminating Asia







Illuminating Asia has provided a “space-age” facade lighting solution for the newly-built Toa Payoh West Community Club in Singapore.

Illuminating Asia (IA) is a Singapore-based, Asia-focused lighting consultancy providing state-of-the-art lighting solutions from paper sketches to final switch-on. The company is an award-winning consultancy with 10 years of experience and hundreds of installations. It works closely with developers, architecture firms, contractors, government organizations, charity institutions, and advertising agencies to realise stunning and sustainable lighting designs for them.

Recently, IA created a “space-age” facade for the newly constructed Toa Payoh West Community Club (TPYCC) in Singapore. The company was the lighting consultant responsible for the design, supply and fitting of all the lighting for the construction of this new community club. For the aesthetics of the main facade, IA advised on the installation of each individual LED Strips between 1 to 4 metres in lengths, horizontally in various segments and positions across the building facade to this space age effect.

A lot of care and skill were needed to install these LED strips, because the longer they are, the easier it is for them to break. Also, the TPYCC consulted IA to specially tune the brightness of the LED strips, as the surrounding public housing residents might be affected if the luminance from the strips were too strong. All parties involved were very pleased with the outcome, an installation that approaches art.



Relighting of the Gran Melia Jakarta

Jakarta, Indonesia



The Gran Melia Jakarta now has a sophisticated, smart light and controls environment, thanks to LaaS Lighting solutions.

When LaaS Lighting, a specialist Lighting as a Service company, was commissioned to relight the Gran Melia Hotel located in the downtown area of Kuningan, Jakarta, they knew they faced a great challenge and an opportunity: to modernize and digitalize without any physical change to the iconic hotel known for its stunning architecture, timeless luxury with an avant-garde flair and passionate commitment to its Spanish heritage. LaaS, a recent partner of Xicato, turned to Xicato's superior lighting and wireless controls portfolio to provide the spectacular lighting that would showcase the hotel's architecture with complete control over the dynamic lighting effects. Freed from traditional rigid wired and centralized controls systems, the Xicato Bluetooth Mesh Controls along with Xicato's intelligent drivers afforded the flexibility and ease of installation needed to relight the hotel to the grandeur such rich history and architecture deserved.





“Xicato delivers the wireless lighting control that is extremely advantageous for relighting projects such as the Gran Melia Hotel Jakarta. Often times, the biggest barrier in replacing lighting or adding new lighting is how best to install within an existing wiring setup. Xicato solved this problem for us,” said Robby Permana, Principal of LaaS.

The challenge and solution

The Gran Melia Jakarta had been experiencing issues related to lack of scheduling of lighting levels depending on occupancy. Additionally, the hotel requested dramatic and changing lighting effects to wow guests from the moment they walked through the doors throughout their entire stay, proving an experience like none other. However, the facility had several constraints that inhibited the installation of systems with these features typical of modern smart lighting.

The light control system had to offer hotel management the ability to impress their guests with awe-inspiring lighting and provide the adaptability and flexibility to be installed within the current lighting and wiring environment. These requirements

brought them to Xicato, well-known for their quality solutions in both lighting and advanced controls. Xicato provided the technical solutions to not only deliver upon the project specifications but also to overcome these constraints.

One of the other challenges of the project was how to integrate a new lighting control panel and admin dashboard with the existing control system already in place. The solution became relatively easy since one of Xicato’s key differentiators is that it is designed to be integrated with various third-party applications and controls, in any operating system, through their open API.

In this case, LaaS used Xicato’s Xtouch within the Android console. The end result was that the Xicato Controls are easily accessible by the hotel management team on their mobile devices.

Xicato’s controls provides ease of integration

LaaS determined that Xicato’s Intelligent Gateway (XIG) with open API and Bluetooth mesh wireless controls, Xicato Intelligent Drivers



(XID), and GRE Alpha SLD-DIM-XG4 – a 3rd party Bluetooth dimming module that has Xicato Inside, together would form the best overall solution for the project. Xicato's Bluetooth mesh scalability meant that not only it could address the current needs of the facility, but also since it is future proof it can be easily reconfigured and expanded as new needs arise.

Additionally, the Xicato wireless controls offered a competitive advantage

with its seamless integration to 3rd party systems, providing flexibility for future expansion. The Gran Melia Jakarta now has the sophisticated, smart light and controls environment that is a showcase for the hotel chain while providing new functionalities such as ease of managing dynamic and changing lighting scenes, maximum light loads within the same environment, and energy efficiencies with controlled and networked lighting.

PROJECT DATA

Project Name: Gran Melia Jakarta

Location: Jakarta, Indonesia

Client: Gran Melia Jakarta Hotel Management

Lighting Design:

Supplied & Installed: LaaS

Lighting Design: Lumina

Controls Products: Xicato XID Smart Drivers, XIG BLE Mesh Gateway, GRE Alpha SLD-DIM-XG4

Linear and Spot Lighting: Xelo, 3L

Installation: Gran Melia Jakarta

Completion: 2021

Photos: © LaaS



Brompton Technology puts new Tessera V3.1 software in the frame with White Light's XR SmartStage®

London, UK – Specialist manufacturer of LED processing, Brompton Technology, has collaborated with leading technical solutions specialist White Light (WL) to showcase the game-changing new functionality of its latest Tessera V3.1 software release.

Features such as Frame Remapping and High Frame Rate+ have unlocked capabilities to revolutionise virtual production and provide a wealth of ground-breaking opportunities for creatives in broadcast and live events. With WL's established position as leaders in deploying XR solutions around the world, Brompton felt that SmartStage® was the perfect environment to push the boundaries of these new applications.

Frame Remapping within a SmartStage® LED studio enables multiple cameras and shooting modes to each see their own unique render perspective. It also means that a live feed can be captured, fully utilising the benefits of XR technology, including reflections and bespoke lighting, while adding the capability to simultaneously shoot against a green screen to give options in post-production. Dynamic chroma key adjustments can be made, allowing any 24-bit RGB colour to be specified. For events with remote participants in different countries, the technology allows outputs to be tailored and regionalised to simultaneously

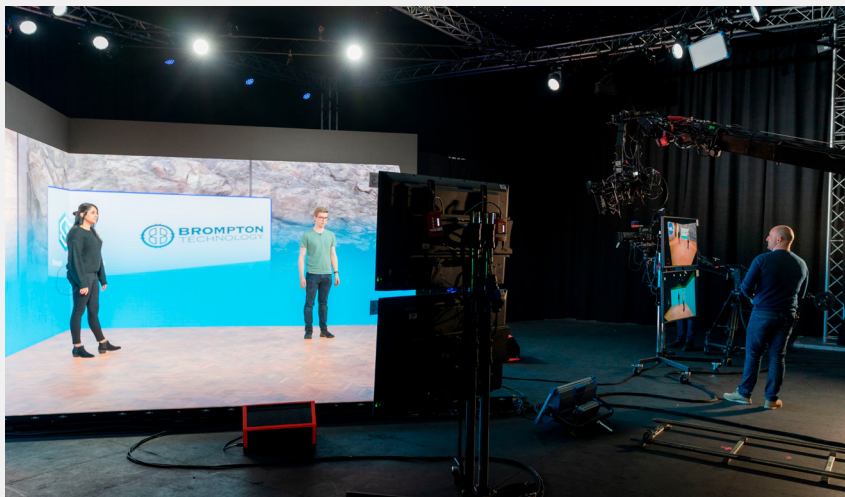


Photo: SmartStage® at Mermaid London - Backdrop Productions.

deliver unique content in multiple languages.

“We were delighted when Brompton approached us to look at how their new software could help enhance the projects and solutions we are developing for our clients,” said WL's Technical Solutions Director, Andy Hook. “As the leaders in selling and deploying multiple SmartStage® XR environments around the world, collaboration with other global leaders is key to our evolution journey. The powerful combination of these technologies unleashes so much potential for the creative industries and we are hugely excited to see how this partnership develops.”

“Having the opportunity to work with Andy, Sarah Cox - Head of Sales, Innovation and all the team at White Light's Mermaid Theatre base has been a pleasure,” concluded Brompton's Director of Business Development, Rob Fowler. “Our two companies share a commitment to innovation and excellence. WL's experience in pioneering and rolling out the SmartStage® concept both in the UK and worldwide made them a great fit for these tests. Our new V3.1 software has significantly changed the game for XR and virtual production, and we wanted to explore the potential to take this even further with WL and SmartStage®.”

Ovolo is Archilume's first OLED technology pendant

Vancouver, British Columbia – Easily distinguished by their classic architectural lines, the Archilume brand has taken another step forward by adding a new form to their innovative lighting collection. Inspired by nature, Ovolò is derived from a bed of river rocks. Minimalist with an ultra-shallow, soft, organic form, Ovolò encompasses the idea of well-being. Calm, soothing and unencumbered, Archilume's Ovolò possesses a subtle allure.

Ovolò is Archilume's first OLED technology pendant. Earlier in May 2021, OLEDWorks, the leading manufacturer of OLED lighting technology announced Archilume as their newest partner in their Channel Partner Program, which grants luminaire manufacturers expanded access to OLED technology, engineering mindshare, and marketing and sales advocacy.

Ovolò's gentle contours provided a great opportunity

for the brand to work with the technology. Ovolò features a naturally diffuse human-centric OLED light source that provides a soft yet bright full-spectrum illumination resulting in an artificial light that resembles daylight.

The light source is ultra-thin with a broad surface area. The quality of light mirrors the formal expression of the luminaire – soft, diffused, and comfortable. A reduced minimal look with the poetic influence of a natural organic form.

The pendant is available with a dimmable 3-watt OLED light source with an output of 200 lumens, 3000K, 90 CRI, R9 >50. It can hang as a single element or in groups to create an inspiring lighting installation on a grand scale in dining areas, lobbies, and stairwells. The ultra-shallow form allows hanging the pendant at lower heights without compromising views, performance, or visibility.



Photo: © Eduardo Rosales, Archilume

Ovolo's housing is fashioned from aircraft-grade machined aluminum and is available in several anodized finishes including champagne, black, gold, and silver. These are aligned with current trends and allow designers to create the desired aesthetics for their spaces.

There are multiple mounting options for this luminaire. Ovolo can be mounted with a standard 4.25" diameter canopy, a micro-canopy featuring a small 1.5" (38mm) diameter discreet ceiling mount, or Archilume's signature Configure surface mounted canopy system available in three geometric shapes which allows for unique bespoke installations in multiple patterns.

“Axolight e i Grandi Maestri”: The lighting design company presents the new Bul-Bo, timeless icon designed by Gabetti and Isola

Venezia, Italy – On Wednesday 9 June 2021, on the occasion of the fiftieth anniversary of its first construction, the new Bul-Bo lamp was presented in the splendid setting of the Palazzo della Luce in Turin during the training seminar “Axolight e i Grandi Maestri” organised by the Order of Architects and the Foundation for Architecture of Turin. Among the speakers, Aimaro Isola and Guido Drocco, co-authors of the work, Giuseppe Scaturro, CEO of Axolight. Livia Peraldo Matton, director of Elle Decor Italia, was the event moderator.

In 1968 - when one of the most disruptive mass movements of the 1900s was born in cities around the world and rural landscapes definitively gave way to the aesthetic impact of factories - the Gabetti e Isola studio started the construction project of the Olivetti Residential Centre in Ivrea, giving life to innovative residential solutions (designed for the employees of Olivetti, one of the most important companies in the world in the 1900s) whose legacy is the idea of a new way of living spaces.

Still innovative, both from an architectural and social point of view, Gabetti e Isola's work was revolutionary in all its aspects. The structure of the building (a sort of stretched skyscraper in the shape of a semicircle, a theatre with nature and the changing seasons at its centre) is confused and radically integrated with the surrounding green forest and the land that contains it, becoming over time a source of inspiration for important architectural structures built up to today.

The interior of the building, which consists of 82 housing units with a set of functional, modular and playful furnishings, was designed to give the guests of the structure an ideal psycho-physical comfort.

This is how the Bul-Bolamp was born, an illuminating flag around which the various furnishing accessories gathered - no longer fixed to the walls, as per tradition, but free in space - designed and built by Gabetti e Isola specifically for residential buildings. The guests of the residence, in fact, with the exception of Bul-Bo, could choose their furnishings among the various proposals of the studio.

The most recent in-depth sessions between Axolight and Aimaro Isola, Guido Drocco, Lodovico Gabetti and Fabrizio Pellegrino were both emotional and



Photo courtesy of Axolight

decisive for the success of the new Bul-Bo project.

It is precisely thanks to these sessions that the rationale that binds the shape of the Bul-Bolamp, the year 1968, returns to the present day, which strongly influenced the design idea of Guido Drocco, who at the time was also the creator of the Cactus coat stand - together with Franco Mello -, and Aimaro Isola's orientation towards a way - today more than ever - of conceiving objects, as elements suitable to make our homes a playful and interesting place, where play becomes synonymous with freedom, according to Friedrich Schiller's vision of play.

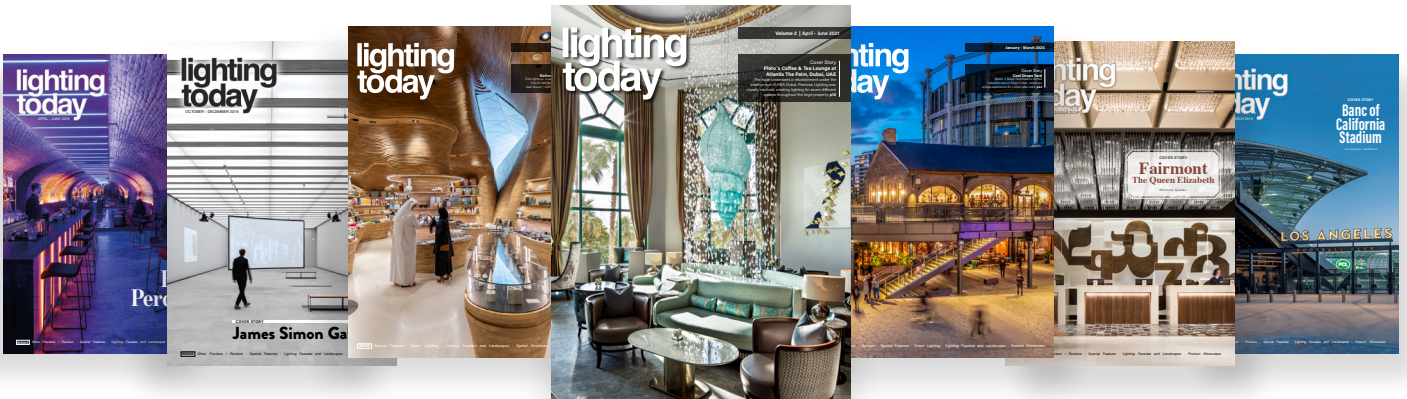
“To create the new Bul-Bo, a lamp already patented - explained Giuseppe Scaturro, CEO of Axolight - and to apply contemporary materials and production processes to it, we found it vital and decisive to resort to an extremely emotional maieutics exercise that led us to the reconstruction of the design thinking of the creators of the work. Having given a second life to a lamp so important for the history of modern design - which, fifty years after its first edition, remains incredibly strong, non-conforming, free and revolutionary - makes us proud, thrilled and enriched. In the development of the new Bul-Bo” - continued Giuseppe Scaturro - “we have set ourselves the goal of recreating an object externally faithful to its original form, but able to fulfil its modern lighting function.”



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