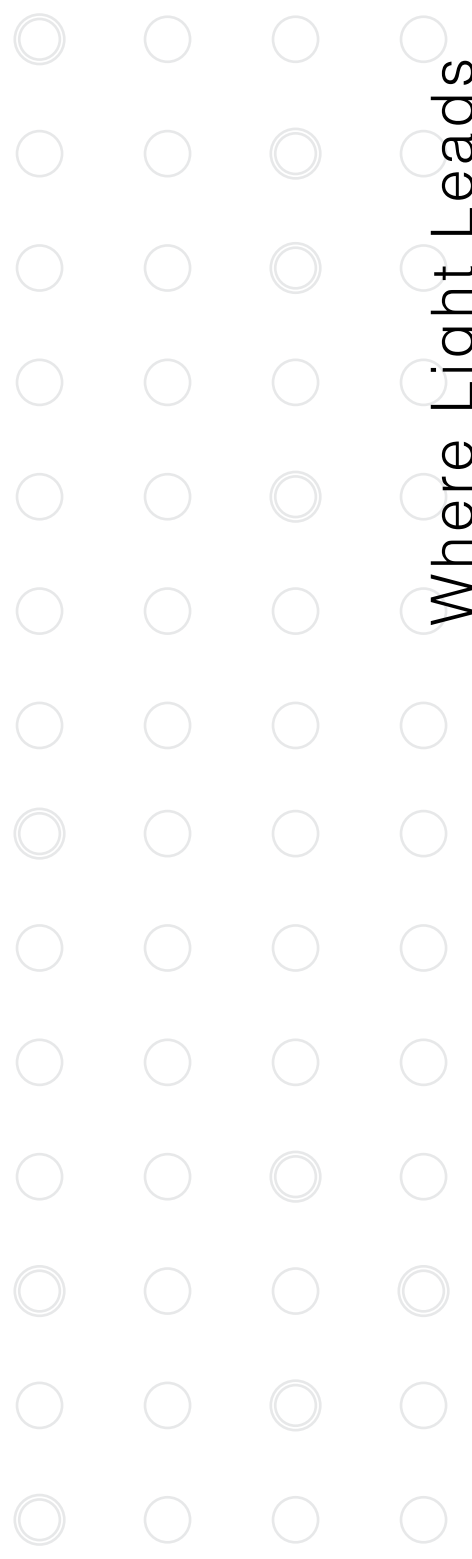




nu **lumen**tek[®]

Where Light Leads





nulumentek[®]

AT NULUMENTEK, WE EXIST TO
ILLUMINATE SPACES, ENHANCE WELL-
BEING, AND INSPIRE EXCELLENCE BY
SEAMLESSLY BLENDING SUSTAINABILITY,
FUNCTIONALITY, AND CREATIVITY





nu**lumentek**[®]

06

WHO WE ARE

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WHO WE ARE

Established in 2012, we are a seasoned lighting engineering company with a strong track record. Our core strength lies in delivering professional support to our valued clients and partners. Our proficiency spans a range of areas, encompassing standard commercial lighting, premium architectural lighting, urban and landscape lighting, as well as specialized retrofitting. In this niche, we meticulously craft energy-efficient bespoke lighting solutions tailored for each unique project.

Operating from offices in Ireland, the UK, and across the Middle East, our team is composed of dedicated professionals, including engineers, project managers, architects, designers, and creatives. Our collective commitment is directed towards reducing the energy footprint associated with lighting. We take pride in our devotion to providing sustainable solutions that seamlessly integrate with their surroundings, offering purposeful and well-suited lighting solutions for every project.

MISSION

To deliver sustainable lighting solutions shaped out of creative thinking, bespoke approach, cutting-edge technology, intelligent engineering and future focused innovation.

VISION

To lead the industry by transforming spaces through sustainable lighting solutions that enhance human experiences through innovation and aesthetic excellence.





OUR GLOBAL FOOTPRINT



IRELAND

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Saudi Arabia, 13253

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Al Kayal Street, Ar Rawdah,
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Ext: 200



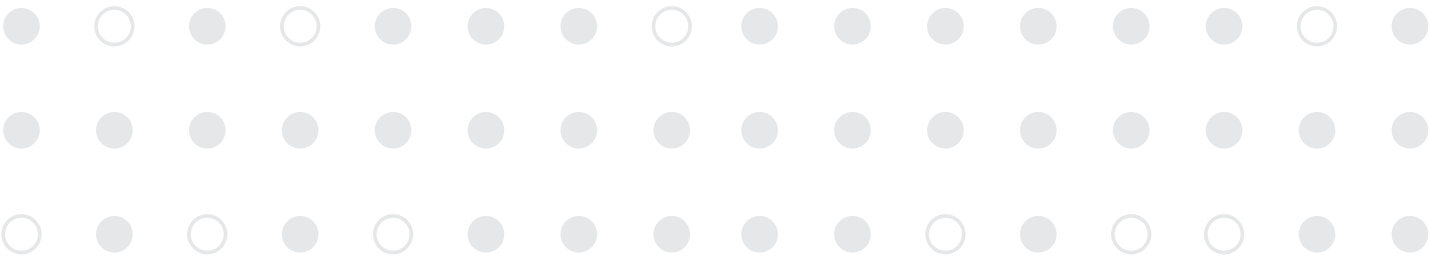
EGYPT / CAIRO

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El Nozha , Cairo ,
Egypt

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CORE VALUES

- o Passion
- o Transparency
- o Reliability
- o Stewardship
- o Partnership
- o Integrity



KAPSARC | Conceptual Design Proposal
In Partnership with iDEA & Associates and TRAXON | ecue

VALUE PROPOSITION

- o Exceptional Quality
- o Human-Centric
- o Service Mindset
- o Future Focus
- o Outside-the-Box
- o Collaborative



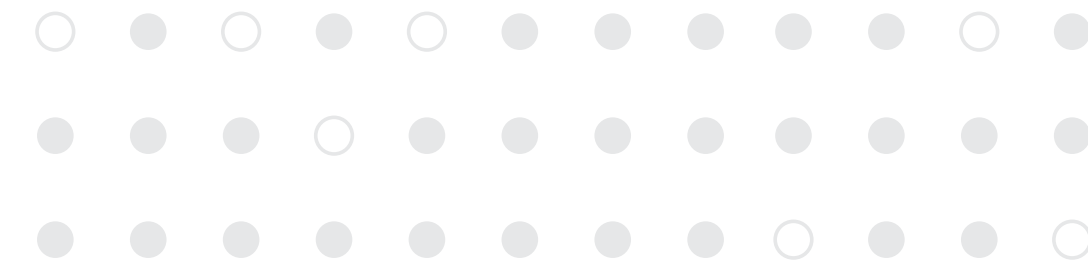
OUR SERVICES

01/ LIGHTING SOLUTIONS

We provide lighting products for all applications from standard commercial systems to architectural design focused products. We offer our experience in building services to support clients and designers find the right balance in terms of aesthetics, functionality, energy consumption, maintenance and integration in building fabrics and structures. In most cases we can adapt or provide bespoke solutions when required. We are here to provide support from product selection right through to commissioning and beyond.

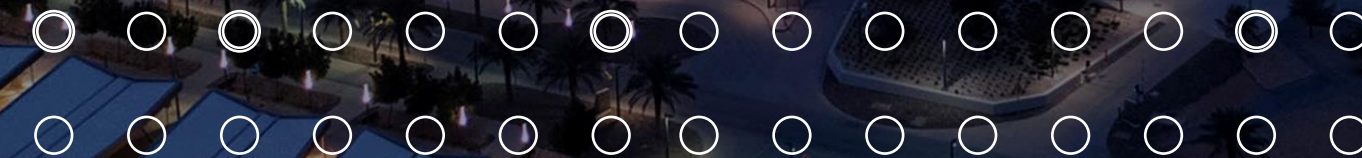


OUR SERVICES_____



02/ FACADE LIGHTING SOLUTIONS_____

Facade lighting enhances a building 's nighttime appeal and safety by highlighting architectural features through techniques like wall grazing, washing, and spotlighting. Modern solutions use energy-efficient LEDs and smart controls for flexible, sustainable lighting. Key considerations include minimizing light pollution, controlling glare, and ensuring fixture durability . Facade lighting is crucial for both aesthetic and functional purposes in commercial, historical, and residential properties.



OUR SERVICES



03/ ENERGY SOLUTIONS

Our lighting retrofit projects extend from Ireland to Saudi Arabia

We design every project based on specialist surveys and close engagement with all stake holders to ensure we deliver a lighting solution that is fit for purpose based on the lowest energy consumption possible, this often includes developing bespoke solutions for our clients particularly where unique luminaire types pose a challenge to get exact replacements so we design and provide retrofit solutions using the existing mechanical form factors. We are passionate about our environment and every day we are in business we are generating more savings and helping to improve our environment and ensure a safe clean world for the coming generations.



OUR SERVICES_____



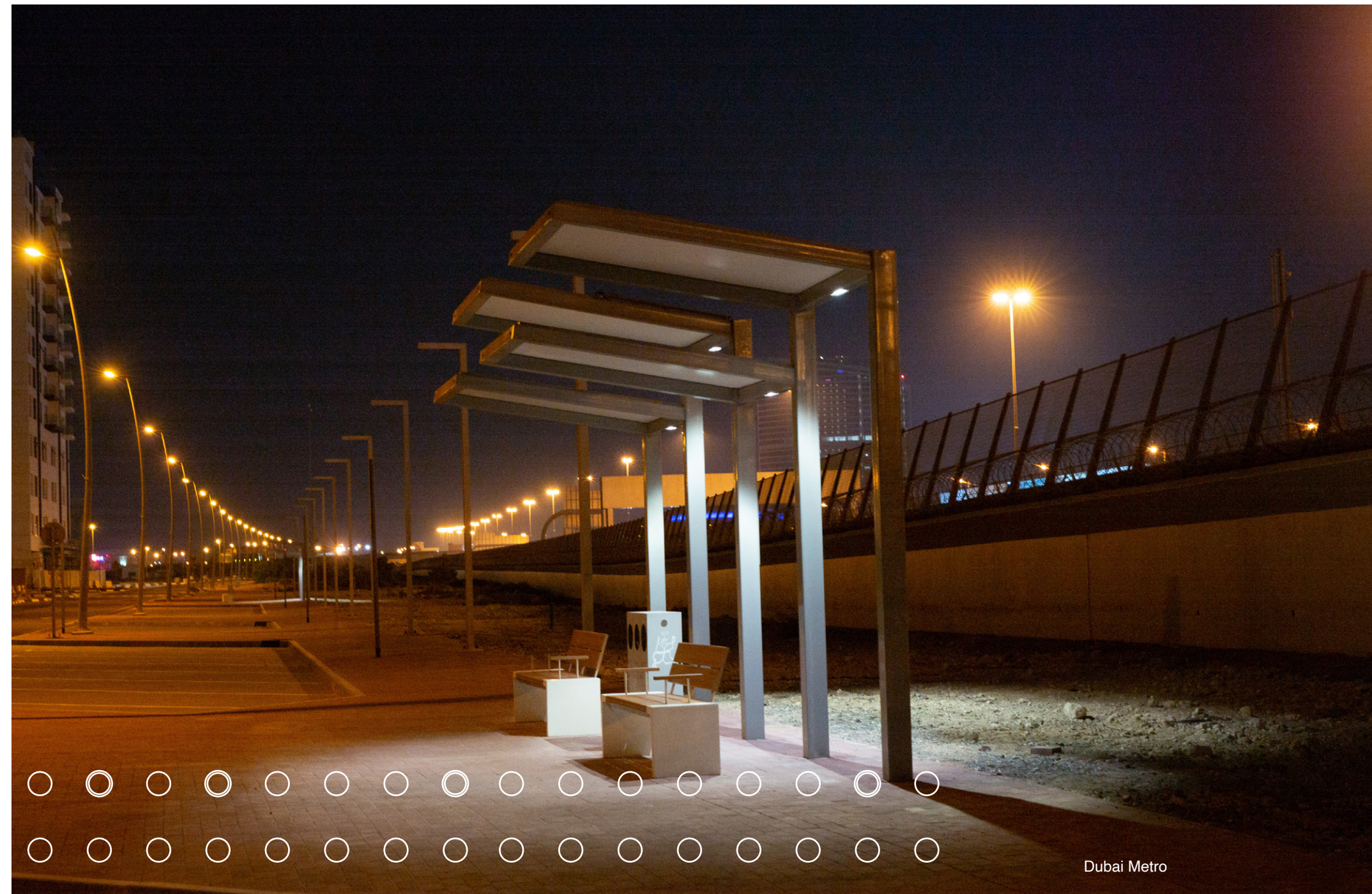
04/ SOLAR LIGHTING SOLUTIONS_____

Intelligent and connected solar lighting

We partner with a number of specialist solar lighting manufactures including Nowatt lighting part of the Fonroche group who are the global leader of solar lighting solutions, Nowatt are specialists in the creation of solar powered architectural lights, these products are beautifully designed with leading edge smart technology that controls lighting colour and battery power combined with components that are developed to last for many years even in harsh environments.

We also design and develop integrated solar powered lighting for shaded structures and other applications where we can power lighting from centralised solar systems integrated in structures, in situations where supplying power through a grid poses a notable difficulty or where a specific area lacks local power infrastructure, these lights offer reliable and enduring illumination without consuming any energy.

If you want to design your external parks and landscape projects based on the principles of sustainability and achieve unique and creative methods then solar power is the answer.



Dubai Metro

OUR SERVICES

05/ COMMERCIAL & INDUSTRIAL LIGHTING SOLUTIONS

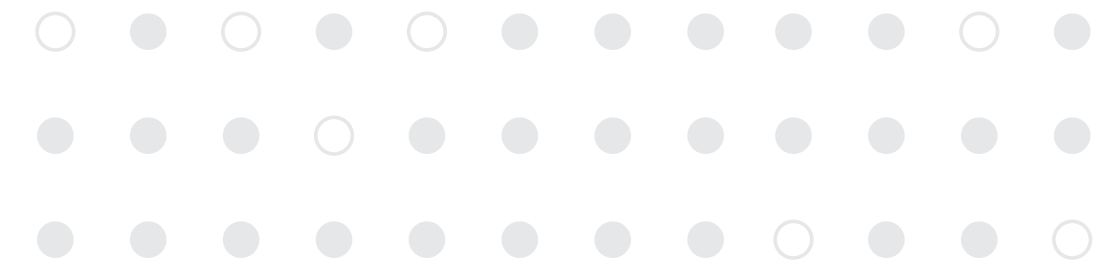
The success of our business is based on the strong technical background of the company and the delivery of solutions designed for each application and purpose.

Every day, our partners experience the advantages of our collaboration, witnessing notable enhancements in both their environmental impact and financial performance. They rely on us for comprehensive support in managing their lighting systems, utilizing the latest and most efficient technology. Moreover, they entrust us with the ongoing optimization of their building portfolio to ensure maximum operational efficiency. Whether you wish to retrofit your existing properties or build new projects we will support you from the very first product selection step to commissioning and after sales warranty support that extends to 5 years.



Dubai Metro

OUR SERVICES



06/ AUTOMATION AND CONTROL SOLUTIONS

The lighting industry is currently witnessing a significant shift towards advanced integrated control systems that are redefining the way we experience and interact with light. This prominent trend is centered on catering to Human Centric Lighting (HCL) principles, enhancing energy efficiency, harnessing natural light, and providing dynamic flexibility to precisely adjust color and intensity to accommodate a wide range of individual needs and preferences.

As technology advances, the focus has evolved from merely providing illumination to creating immersive and personalized lighting experiences that enhance overall well-being and productivity. Integration of controls and smart technologies is paving the way for next-level light experiences that are tailored to elevate human comfort, health, and visual satisfaction.

At Nulumentek, we are committed to ensuring that your next lighting project will be outfitted with state-of-the-art lighting control systems, ushering in the next generation of illumination technology.



OUR SERVICES

PROJECT CATEGORIES

Commercial Lighting Projects

- o Office lighting solutions, Retail store lighting design
- o Hospitality lighting (hotels, restaurants, bars)
- o Health-care facility lighting
- o Educational institution lighting

Industrial Lighting Projects

- o Warehouses and factories Parking lots
- o Pharmaceutical
- o Food Processing/ Manufacturing
- o Industrial Campuses

Residential Lighting Projects

Outdoor Lighting Projects

- o Landscape lighting
- o Pathways and driveways
- o Facade lighting for buildings
- o Sports Facility Lighting

Architectural Lighting Projects

- o Architectural features
- o Monuments and landmarks
- o Public spaces (plazas, parks)

Sustainable Lighting Projects

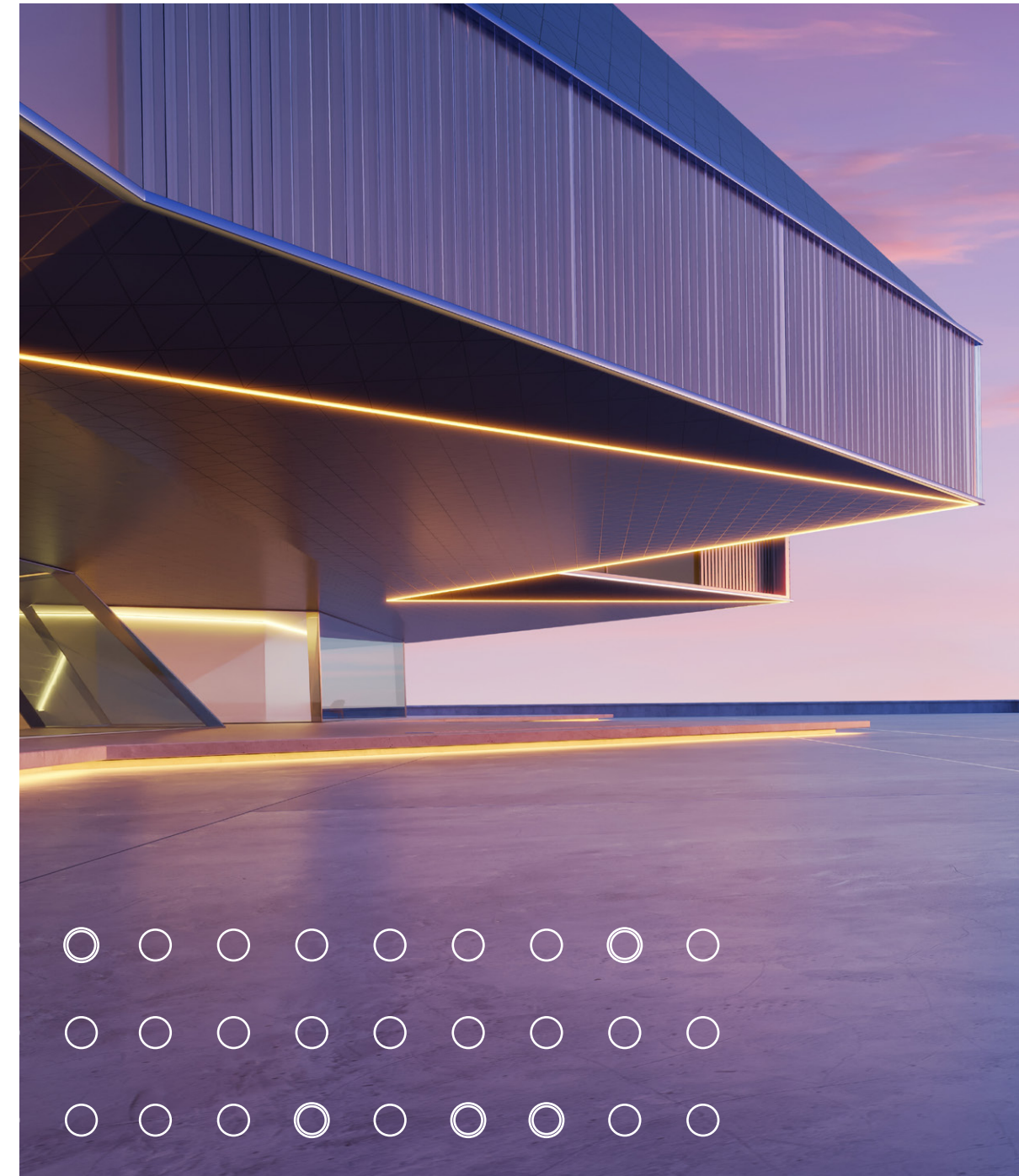
- o LED retrofitting projects
- o Energy-saving lighting solutions for businesses and residences
- o Solar-powered lighting installations
- o Eco-friendly lighting designs

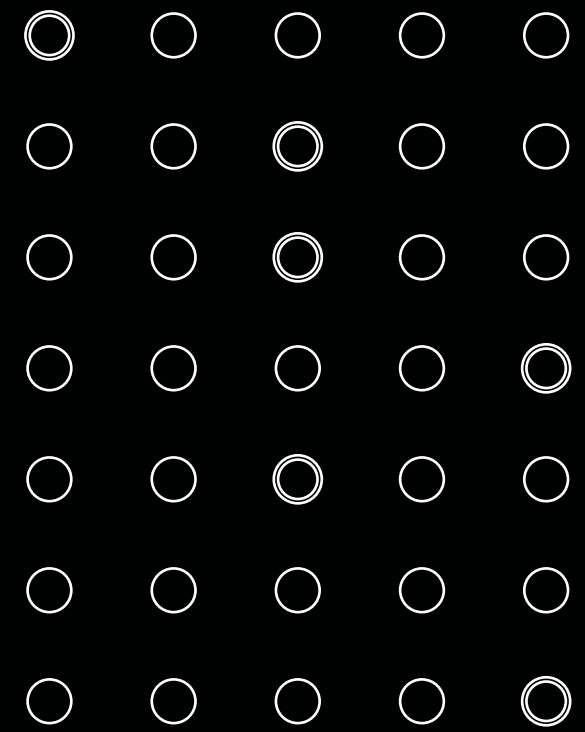
Custom Lighting Design Projects

- o Bespoke lighting solutions
- o Unique fixtures and installations

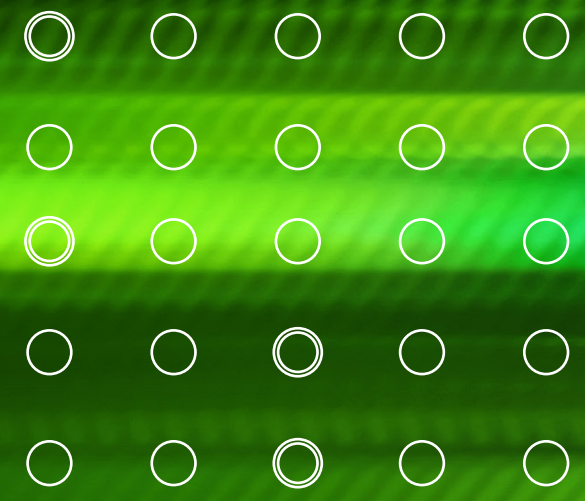
Smart Lighting Projects

- o Integration of smart lighting controls
- o Lighting systems for automation and energy management





SELECTED PROJECTS_____



DUBLIN AIRPORT

Dublin, Ireland

NuLumenTek designed and supplied the facade lighting system to enhance Dublin Airport Terminal 2, the system is controlled via a pharos control system which we are currently commissioning . Dublin airport authority use the system to promote national and international events where colour captures people’s imagination. NuLumenTek are the preferred lighting solutions provider for Dublin airport since 2012.

YEAR:	2023
SCOPE:	Lighting supply and design development.







Retrofit

POINT SQUARE SHOPPING CENTER

Dublin, Ireland

NuLumenTek designed, supplied, and installed the complete retrofit of the Point Square Shopping Center in Dublin, Ireland, including the car park. The project involved upgrading 4,500 lights, achieving over 70% energy savings.

YEAR: 2023 - 2024

SCOPE: Lighting design, supply
and installation





KAPSARC

Riyadh, Saudi Arabia

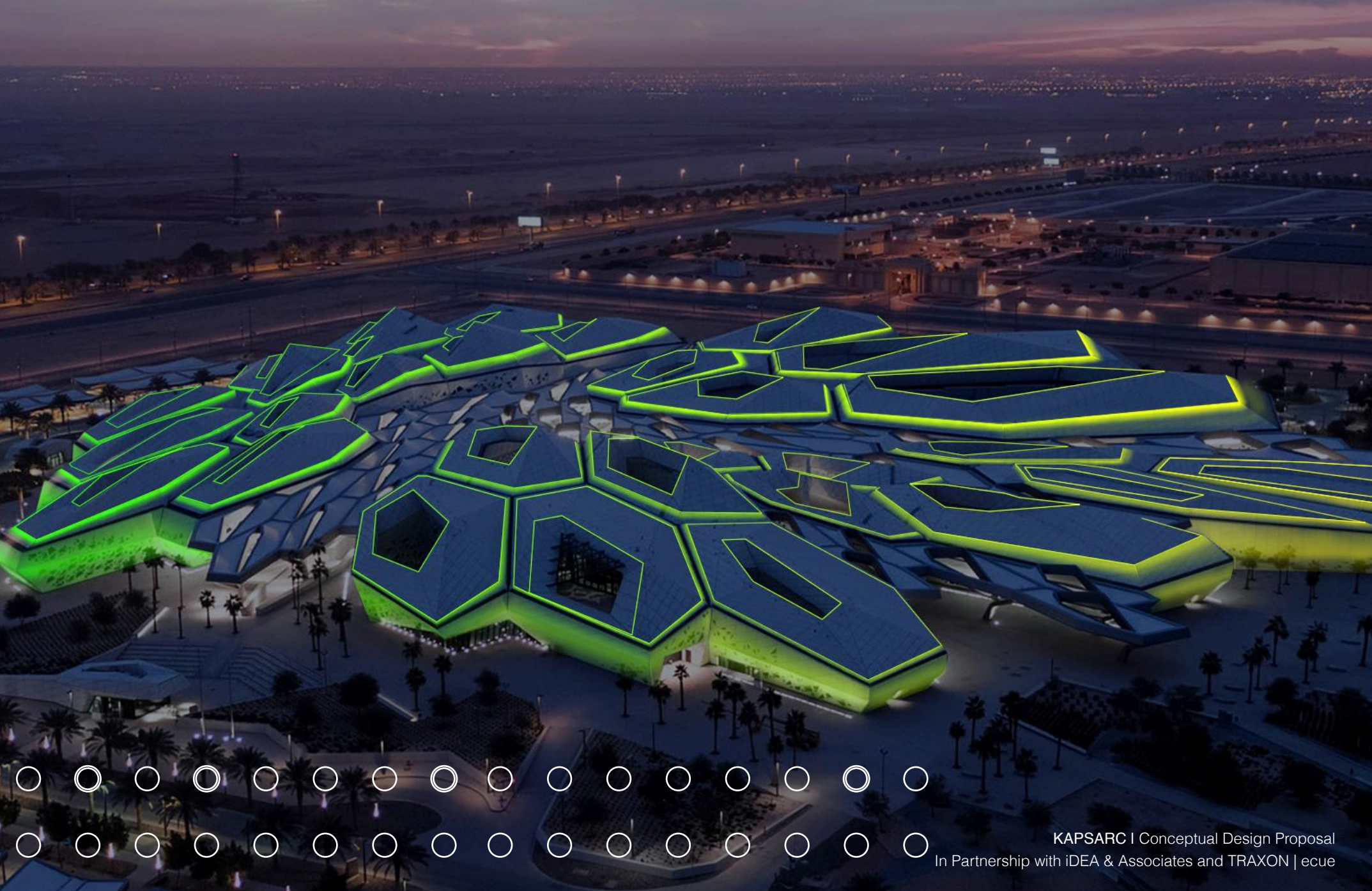
Our proposal is a complete Design, Build and Commission Solution which will provide certainty for KAPSARC.

A bespoke architectural solution to integrate the lighting without compromising the KAPSARC roof.

Product which is designed to a Maximum temperature of 60° C with a 5-year warranty on the system. Operates at 75% less energy. Operating costs are 25% of the designed system. Significantly reduced light pollution. Improved visual effect for visitors and road users.

YEAR: 2023

SCOPE: Lighting Design Proposal

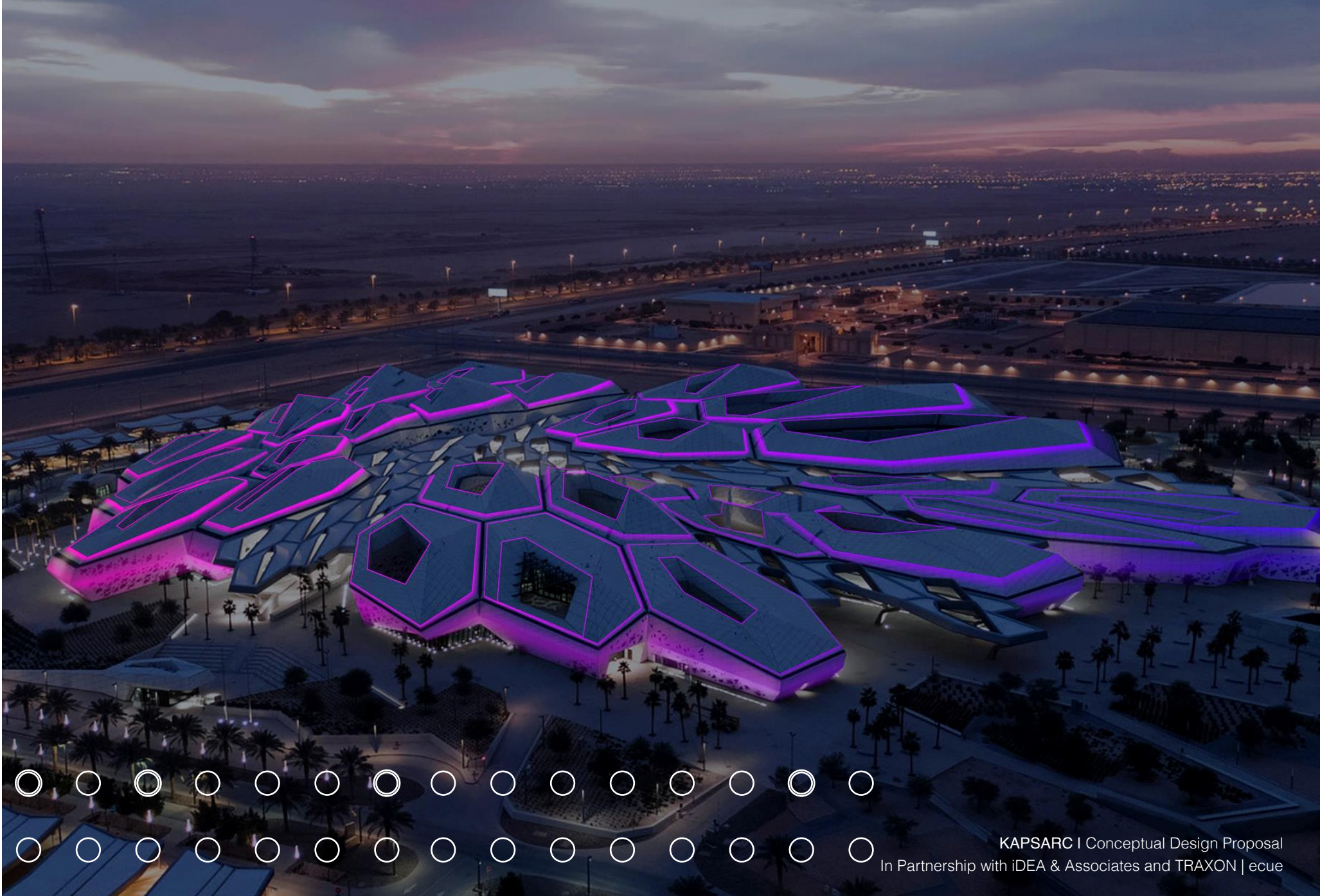




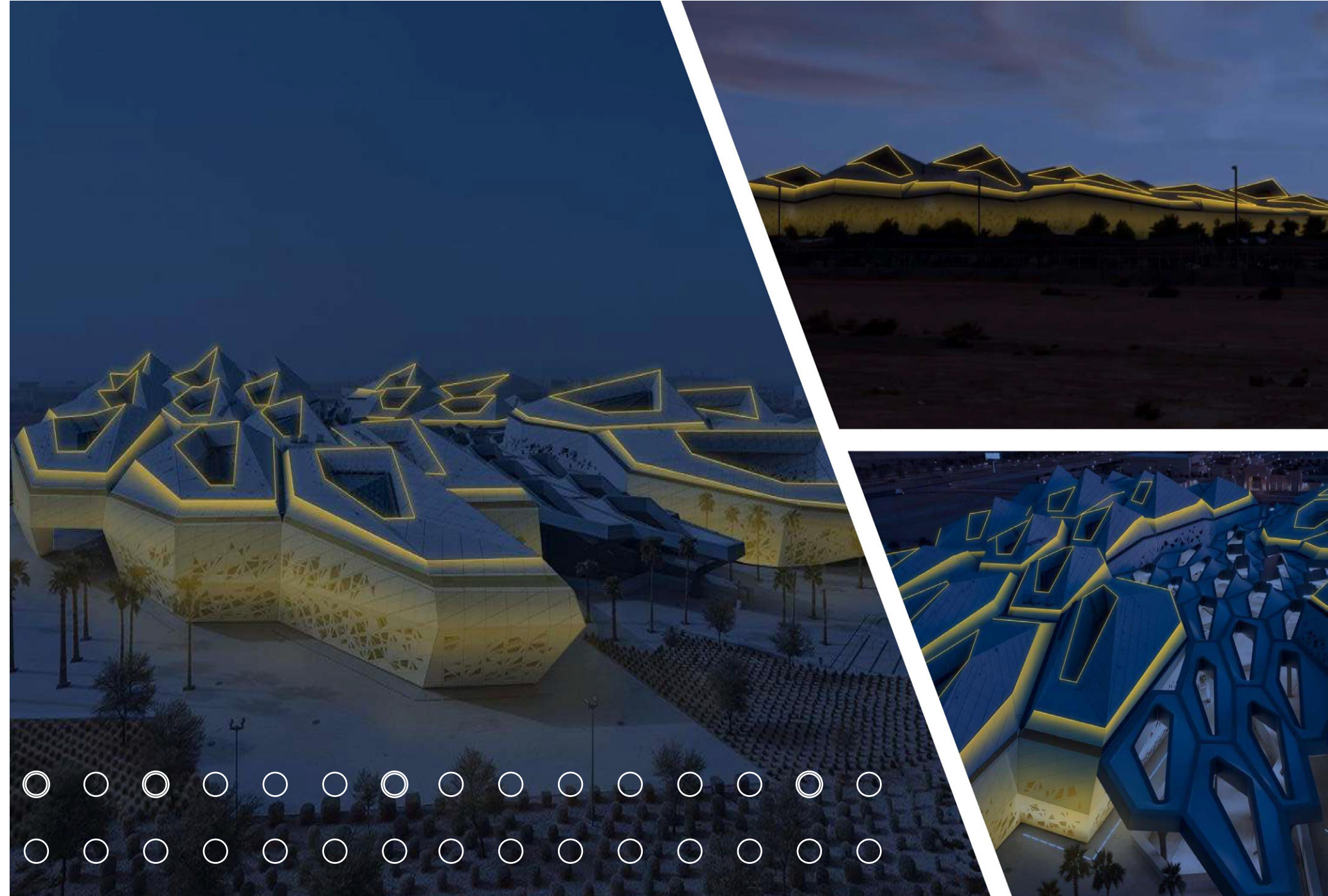
LIGHTING SCENARIOS
MULTIPLE COLOR SELECTION



KAPSARC | Conceptual Design Proposal
In Partnership with iDEA & Associates and TRAXON | ecue



KAPSARC | Conceptual Design Proposal
In Partnership with iDEA & Associates and TRAXON | ecue



Interior

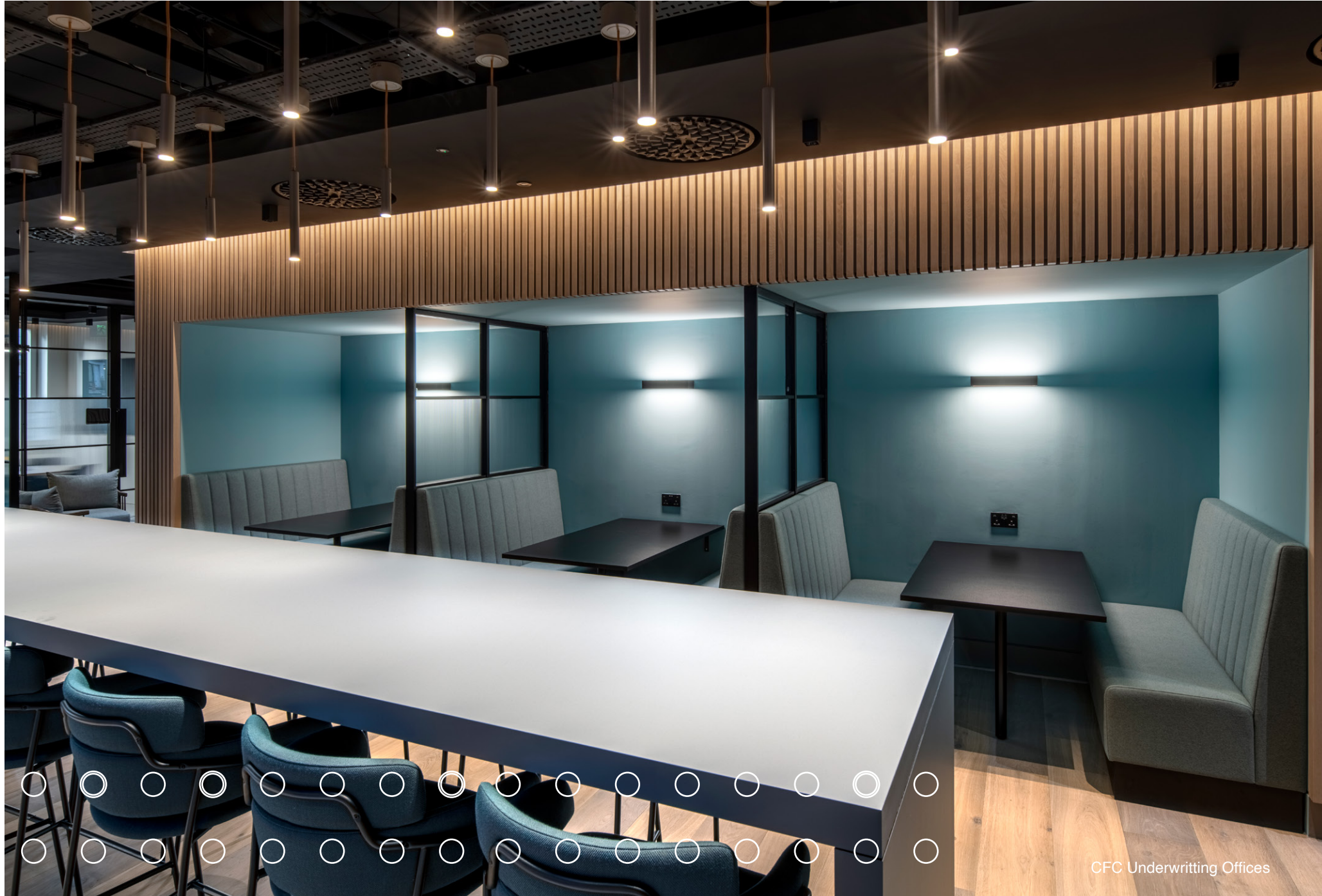
CFC UNDERWRITING OFFICES

London, United Kingdom

NuLumenTek worked in partnership with Pyramid Group to develop the lighting concepts and designs for a new state of the art office building in central London. The project involved the design and supply of multiple luminaire types with a focus on excellent aesthetics and very low glare.

YEAR:	2019
SCOPE:	Lighting supply and design development.
LIGHTING DESIGNER:	Pyramid Group





CFC Underwriting Offices



CFC Underwriting Offices

THE EAST LOUNGE- DUBLIN AIRPORT

Dublin, Ireland

Dublin Airport’s premium lounge for those travelling east, delivers the perfect balance of Irish hospitality with touches of luxury. The lighting brief is focused on providing a sense of privacy, tranquility and space. Working in partnership with the designers at NYD, the Dublin Airport team and H Shiels Electrical contractors, NuLumenTek sourced products to bring this premium project to life.

YEAR:	2019
SCOPE:	Product supply including Bespoke product design and development
DESIGNER:	NYD
MANUFACTURER:	Archilight, VIBIA
CONTRACTOR:	Flynn
ELECTRICAL:	H. Shiels



"The lighting in the East Lounge creates a calming
ambience for our guests – the implementation exceeded our
expectations and NuLumenTek were an excellent partner on
the project. "

Laura Groves
Head of Dublin Airport Travel Services





AIRPORT LIGHTING RETROFIT - DUBLIN

Dublin, Ireland

NuLumenTek has worked in partnership with Dublin Airport since 2012. Together with the Asset Management team we have designed and developed retrofit lighting solutions, to transition the entire airport to energy efficient LED lighting.

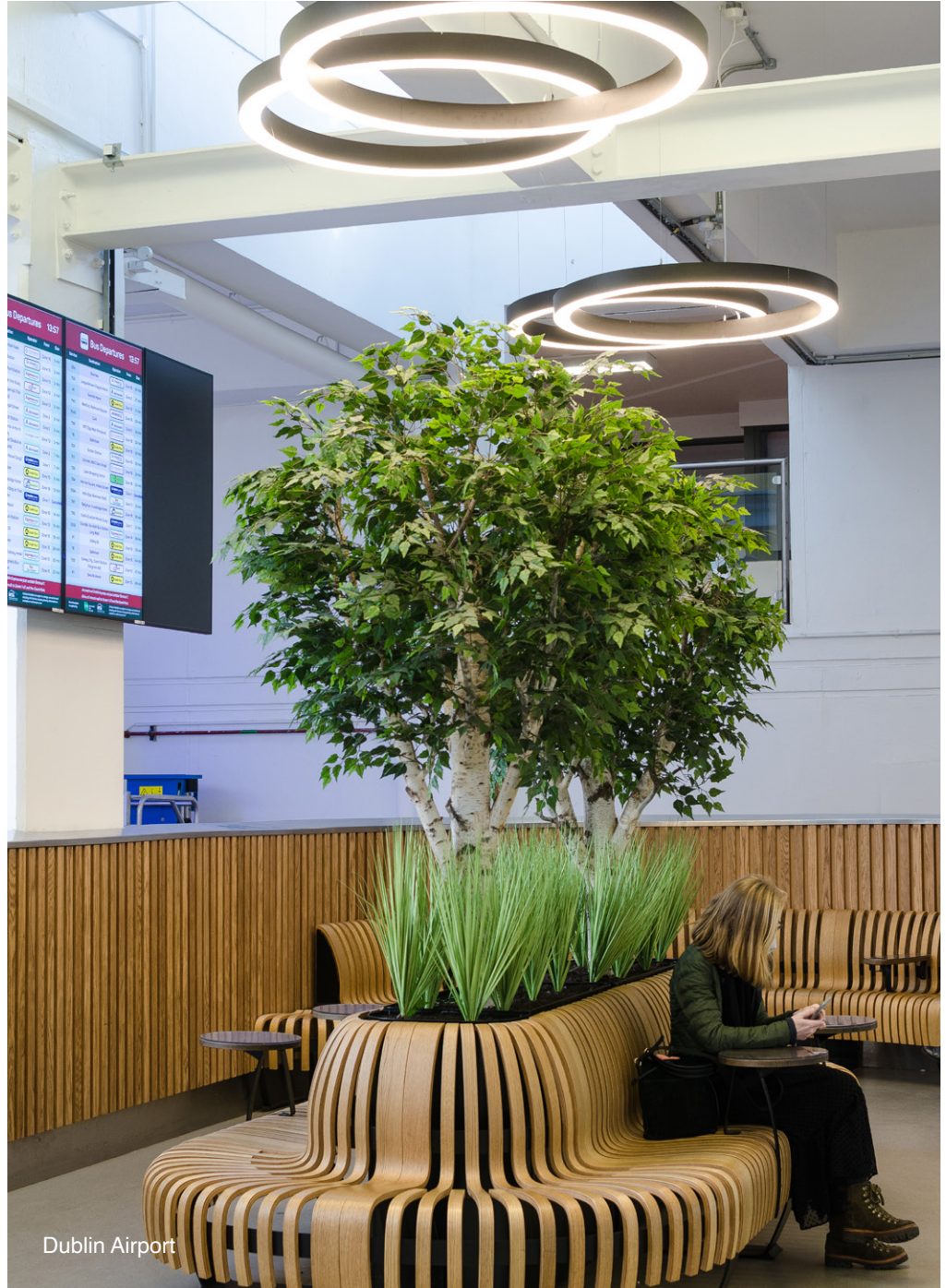
The retrofit covered locations throughout T1 and T2 – check in, retail concourse, food court, piers, lounges, baggage hall, customs hall, arrivals halls, car parks, aprons and hangars. Many of the solutions were bespoke to ensure we retained the existing product form factor.

The projects delivered a rapid pay back for Dublin Airport with a huge reduction in energy consumption and we continue to work with them to retrofit the rest of their estate.



YEAR:	2012 - Ongoing
SCOPE:	Replace old generation lighting with energy efficient LED lighting with a target of greater than %70 energy savings
DESIGNER:	DAA Asset Care
CONTRACTOR:	H Shiels, CJK, Fletchers Electrical





SUSTAINABLE LANDSCAPE LIGHTING

Dubai, UAE

NuLumenTek worked in partnership with Nowatt Lighting on an exciting solar lighting demo set up for the Dubai Desert.

Nowatt Lighting is positioned at the crossroads of solar lighting and architectural lighting, offering relevant and resolutely contemporary technological solutions to designers of lighting projects. Nowatt are advocates for Slow Lighting – manufacturing products adapted to the energy challenges of our time, while remaining focused on the aesthetic challenges of design and a maintenance free long.

YEAR:	2018
SCOPE:	Architectural solar lighting
PARTNER / MANUFACTURER:	Nowatt Lighting



Outdoor

METRO STATION ENHANCEMENT

Dubai, UAE

NuLumenTek was awarded the contract to supply the architectural lighting for the external public areas on the refurbishment of Dubai intrnet city and damac Metro station.

The primary focus is to light the public areas with the lowest possible power to deliver energy efficient lighting, whist delivering safe uniform light levels with the fewest number of luminaires.

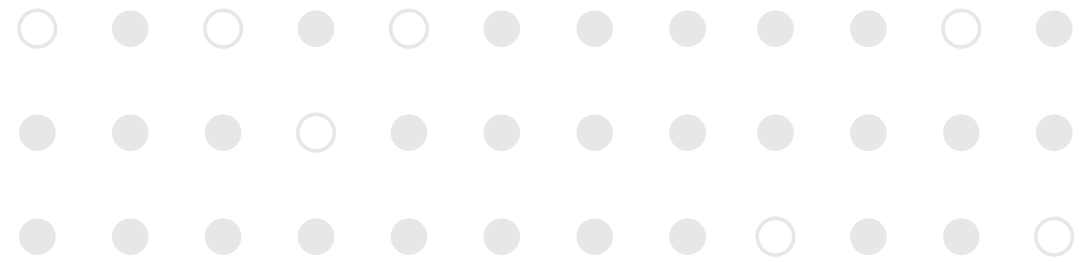
YEAR:	2021-2022
SCOPE:	Architectural public lighting supply
CLIENT:	RTA
MANUFACTURORS:	Technilum
CLIENT DESIGN TEAM:	Mott McDonald
MAIN CONTRACTOR / DESIGN BUILD:	ASGC
SPECIALIST SUB CONTRACTORS:	Hill and Fort



SHADED STRUCTURE

Dubai, UAE

NuLumenTek designed and supplied a bespoke solar lighting solution for custom built shaded structures for the DAMAC metro station in Dubai. The solution uses light weight flexible solar panels to ensure a very sleek design with minimal impact on the over structure design. All batteries and controls are integrated in the structure.



YEAR:	2021-2022
SCOPE:	Specialist manufacturing supply and installation detailing of bespoke solar lighting solutions for 13 shaded structures.
MAIN CONTRACTOR:	ASGC
CLIENT:	RTA
CLIENT DESIGN TEAM:	Mott McDonald
MAIN CONTRACTOR / DESIGN BUILD:	ASGC
DESIGN CONSULTANT:	Atkins
SOLAR SHADED STRUCTURE MANUFACTURERS:	Solar AdTek - Detas Filsom



KILLOE YOUNG EMMETS GAEELIC FOOTBALL PITCH

Co. Longford Ireland

YEAR:	2022
SCOPE:	Supply and commissioning of lighting

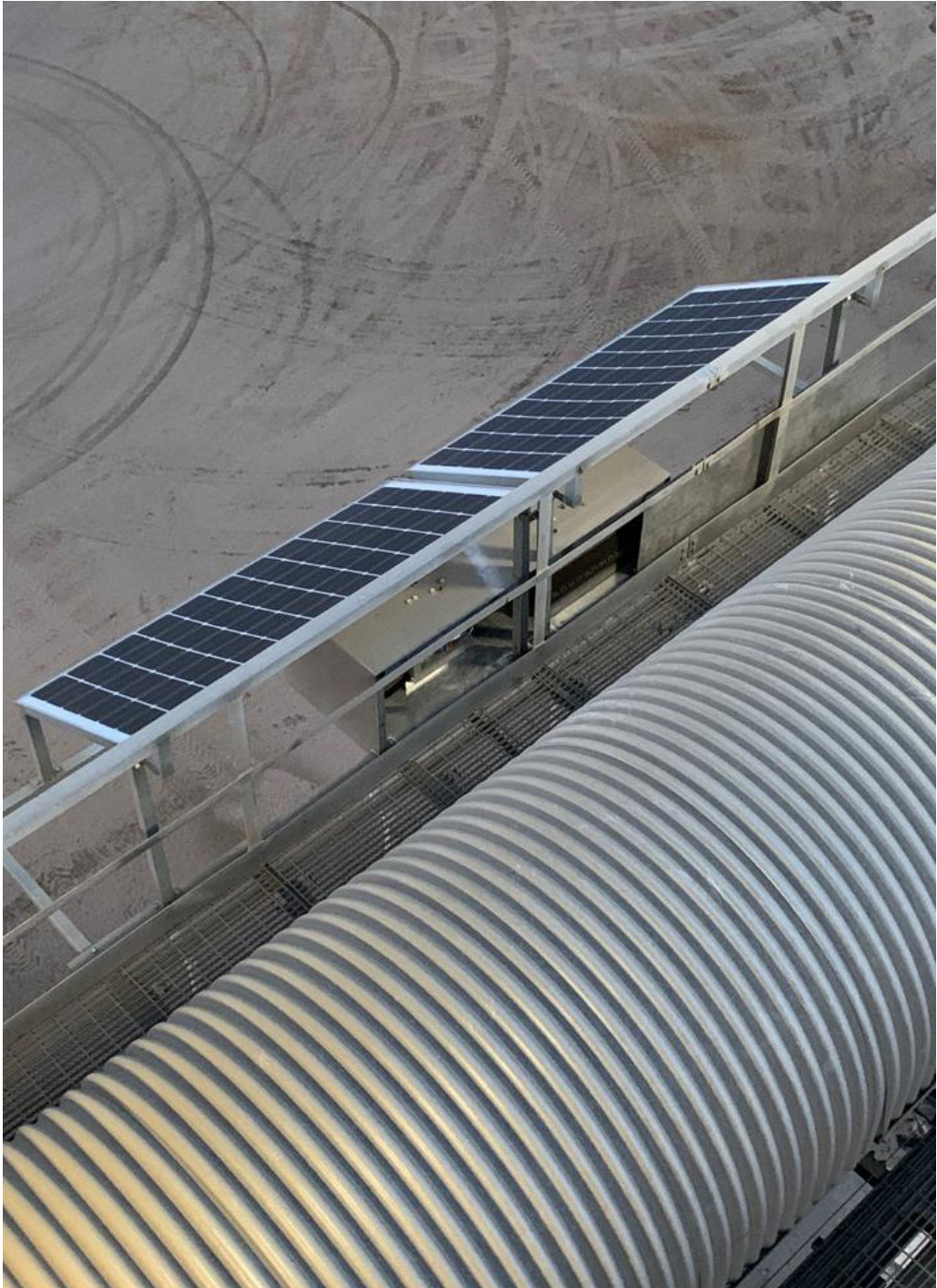


ALMARAI LOGISTICS

Saudi Arabia

NuLumenTek were tasked with providing a solar power lighting solution for a 10 m high conveyor system bringing grain from ships to silos. The conveyor system was 3000m long and we designed, manufactured and supplied a bespoke solar power system with 12 independent solar stations powering several hundred lights.

YEAR:	2020
SCOPE:	Specialist manufacturing and installation detailing of bespoke product
CLIENT:	Almarai co.

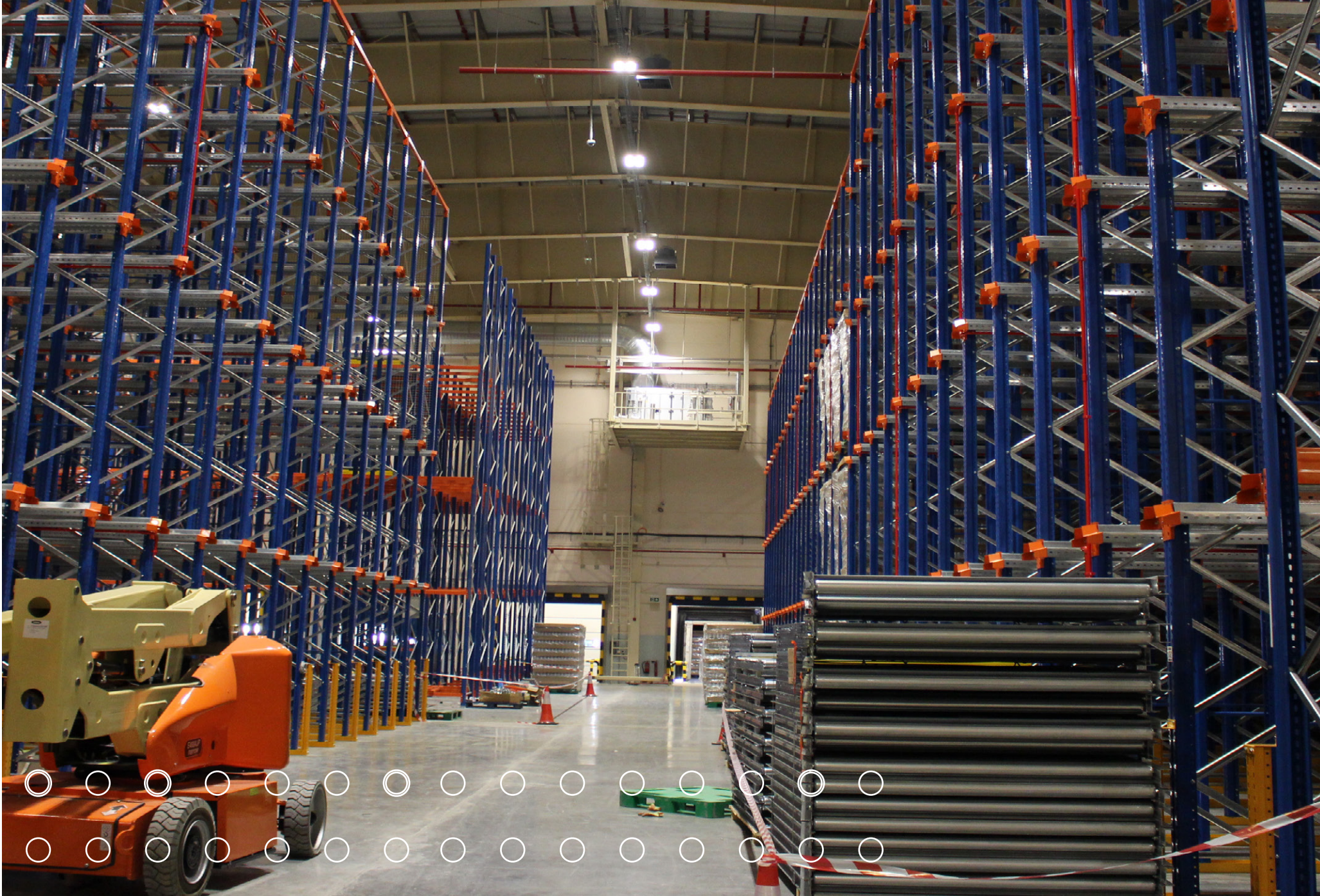


ALMARAI NEW BUILD

Saudi Arabia

We have designed and supplied lighting solutions for multiple applications including dairy processing, poultry processing, bakery, logistics buildings, milking parlours, feed houses and accommodations with a floor area of over 300,000 M2 throughout the kingdom of Saudi Arabia.

YEAR: 2013- on going



ALMARAI LIGHTING RETROFIT

Saudi Arabia

In 2017 Almarai appointed NuLumenTek to design and supply LED lighting for 200,000m2 of processing facilities, 80,000m2 of distribution centres and 40,000m2 office and accommodation space. This was the largest single retrofit contract at the time in the Middle East. Since 2018 we have continued to support Almarai with the retrofitting of their building portfolio throughout the kingdom.

Over 000 60 lights have been supplied with savings of over 30 million kwh per annum.

YEAR:	2017- on going
SCOPE:	Specialist manufacturing and installation detailing.
CLIENT:	Almarai co.



Retrofit

DOHA METRO

Doha, Qatar

NuLumenTek designed and supplied the lighting for the Doha Metro Green line project. The project involved design, supply, detailing and verification services for the Green Line Metro – 40km metro tunnel including all cross passageways.

Our engineered solution reduced the design quantities by %30 and also provided a %30 energy saving This CAPEX & OPEX saving was a significant part of NuLumenTek being approved by Qatar Civil defense department and Qatar Rail Technical department.

YEAR:	2016
SCOPE:	Specialist tunnel lighting products manufactured by our partners Detas in Italy
CLIENTS:	PORR, Saudi BinLadin Group, HBK Joint Venture



PFIZER

Newbridge, Ireland

NuLumenTek has worked across a range of projects, both new build and retrofit at Pfizer’s plant in Newbridge. We have worked with a number of specialist M&E contractors and clean room specialists to deliver fit for purpose lighting solutions that are reliable and energy efficient. We have also developed bespoke retrofit solutions to upgrade existing clean room lighting to LED whilst retaining the existing mechanical bodies.

YEAR:	2020
SCOPE:	Specialist manufacturing and installation detailing of bespoke product
DESIGN CONSULTANTS:	Jacobs Engineering
ELECTRICAL CONTRACTOR:	STS Group, Suir Engineering
CLEAN ROOM SPECIALISTS:	Daldrop



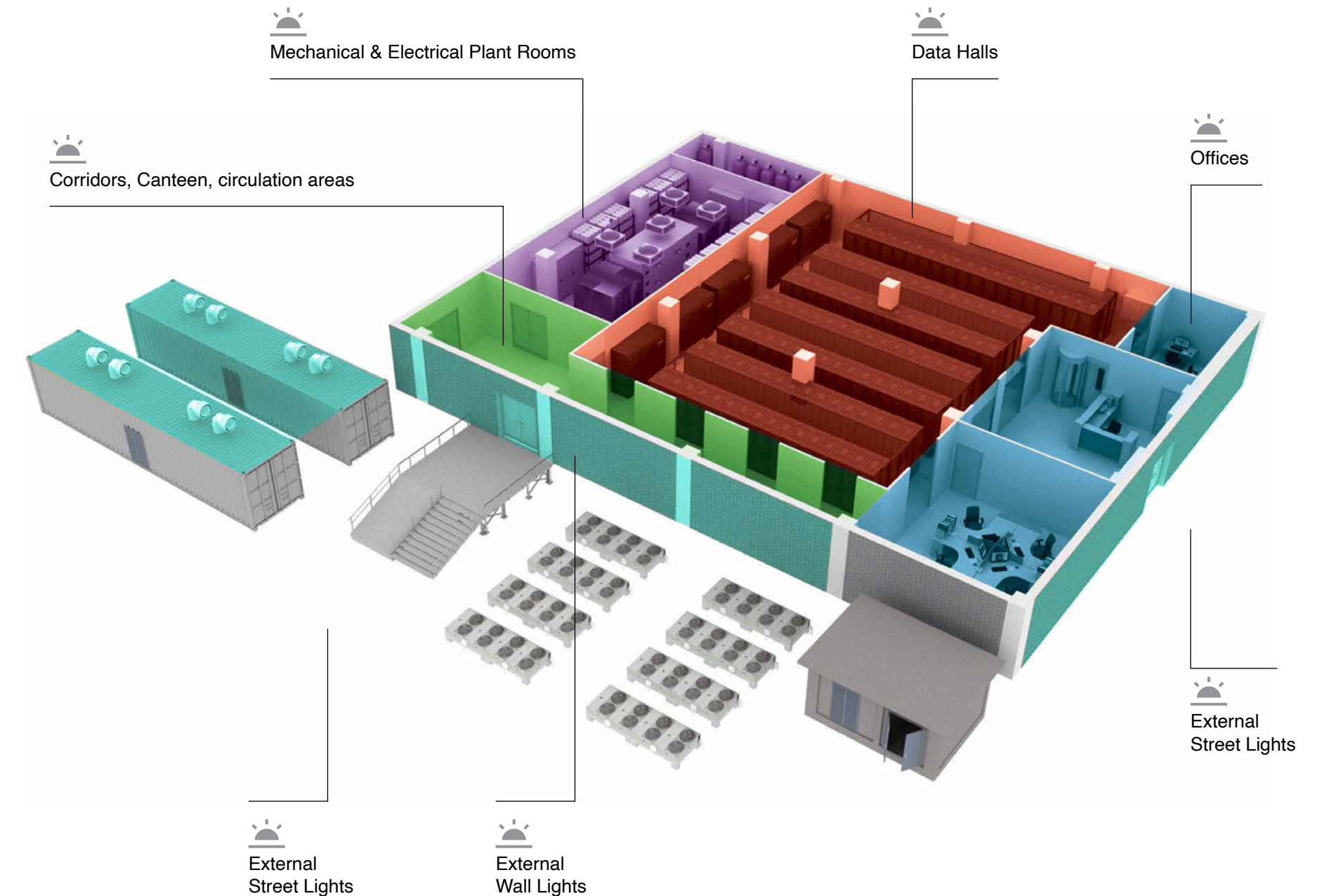
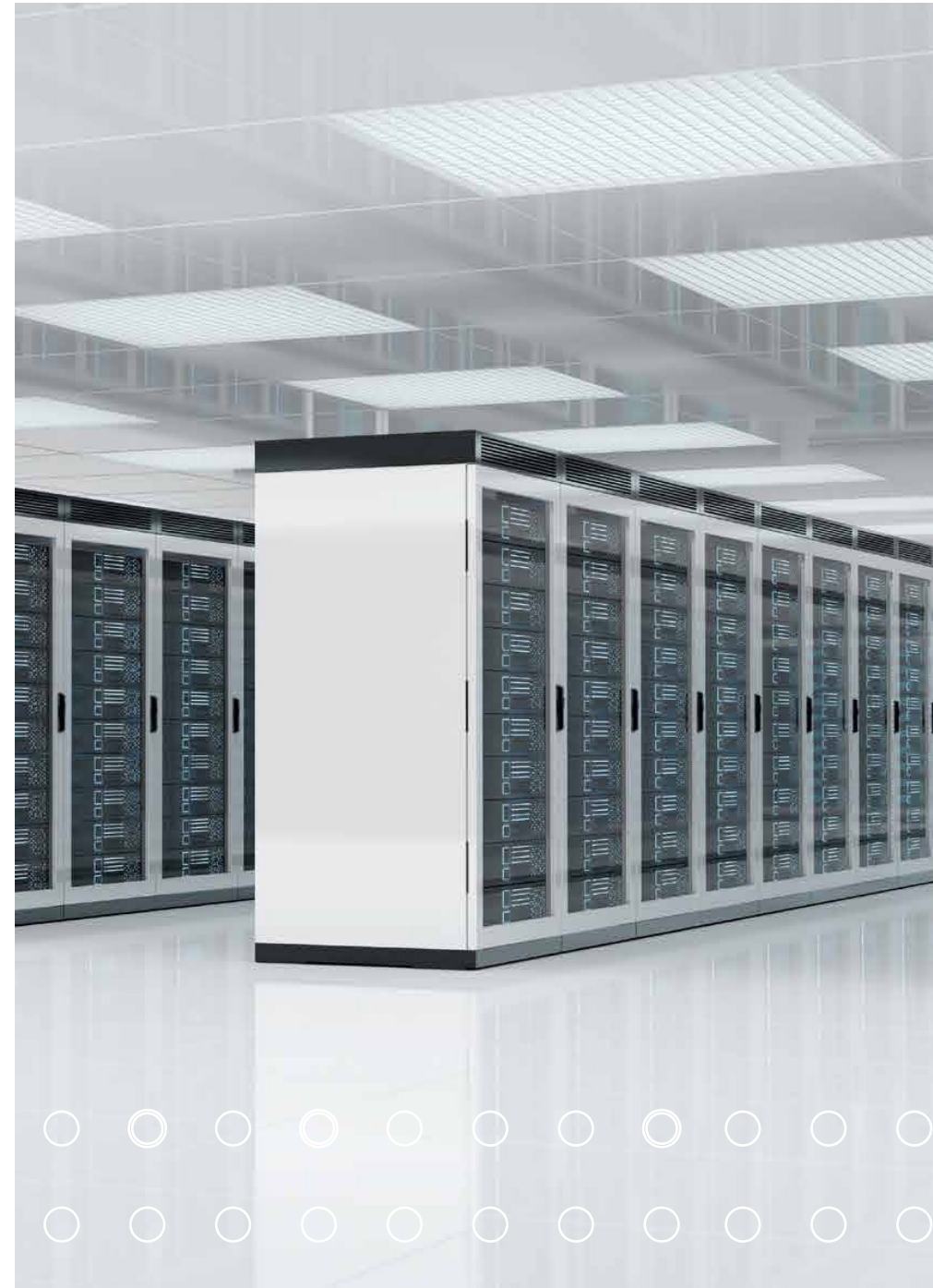
DATA CENTERS

Bahrain, United Arab Emirates, Saudi Arabia, Germany, Switzerland, Denmark, Sweden

We develop lighting solutions for data centers based on providing the correct amount of light for each area. These lighting solutions include high efficacy components, specialist optics, good color rendering and very long life. The products are designed based on extended life span, up to and over 100K hours, this ensures the lowest possible light depreciation over time and an extended product life.

We ensure our solutions provide visual comfort to ensure occupants work in the most effective environment without glare or flicker. Lighting controls and sensors are designed to ensure lighting is only used when required and dims or turns off when not required, daylight harvesting is also available where natural light can be utilized.

Our controls systems are based on a simple philosophy without the need for sophisticated lighting control programs.



HYPER-SCALE CONFIDENTIAL DATA CENTRES

Bahrain

NuLumentek works in partnership with multiple specialist contractors in the data centre market. For example we have delivered all lighting solutions for a number of Hyper scale data centres in Bahrain which are constructed across several phases.

Since 2018, we have delivered multiple Data centres in Saudi Arabia, UAE and Europe.

YEAR:	2018 - on going
SCOPE:	Lighting calculations, design support and supply of all internal, external and emergency lighting.
DESIGN CONSULTANTS:	Confidential
ELECTRICAL CONTRACTOR:	Jones Engineering Group, STS Group



SIX SENSES- SOUTHERN DUNES

Red Sea

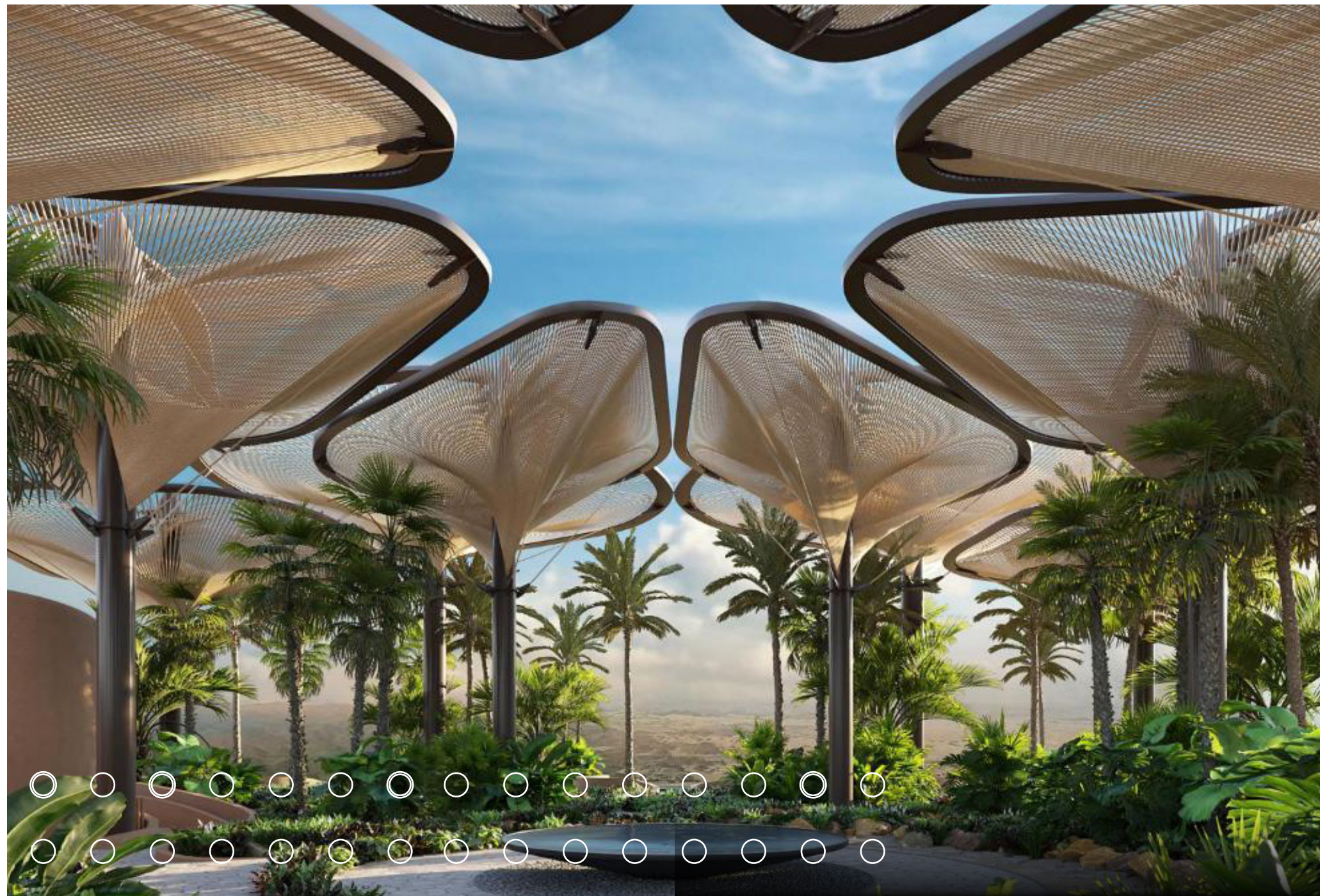
Our team meticulously installed a sophisticated control system to manage and optimize various aspects of the resort's operations, ranging from energy efficiency to guest comfort.

By implementing state-of-the-art sensors, actuators, and automated processes, we achieved a seamless orchestration of lighting. The control system not only enhanced the overall guest experience but also contributed to sustainability initiatives by minimizing resource consumption.

Through our tailored solution, Six Senses Southern Dunes now enjoys a harmonious blend of technology and luxury, providing guests with an unparalleled and environmentally conscious retreat in the captivating setting of the Red Sea.

YEAR:	2023
SCOPE:	Landscape lighting control system integrating ABB KNX components including Siemens touch screens & net integration platform.
CLIENT:	Red Sea Global
ELECTRICAL CONTRACTOR:	SALCO Saudi Arabia







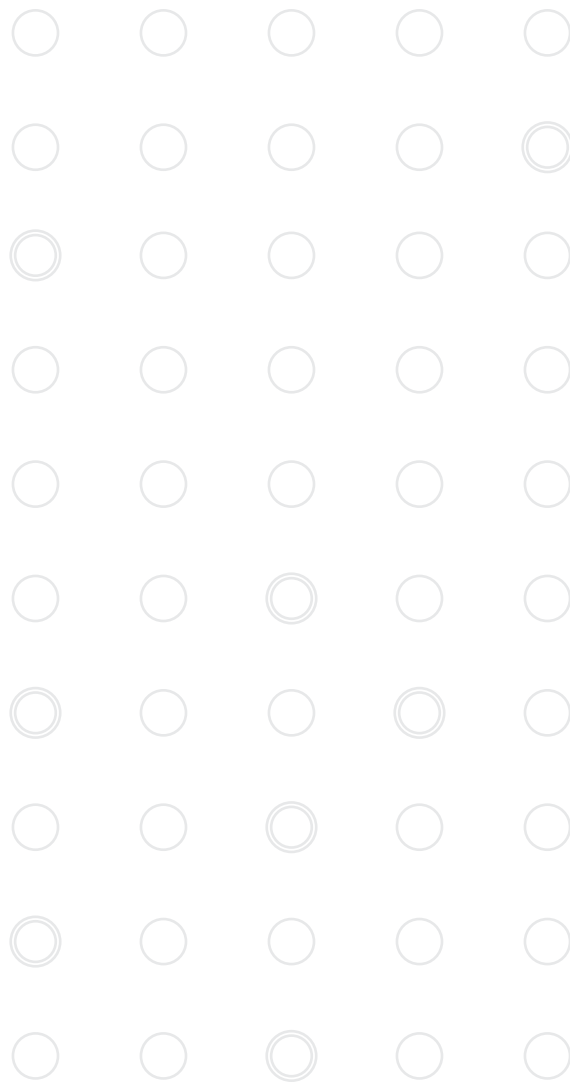
AT NULUMENTEK, WE WHOLEHEARTEDLY
EMBRACE THE PHILOSOPHY OF PARTNERSHIPS
AS A DYNAMIC AND HIGHLY EFFECTIVE
STRATEGY FOR FOSTERING COLLABORATION
AND BUILDING MEANINGFUL RELATIONSHIPS.

By leveraging the combined expertise of our partners, we are poised to deliver extraordinary results for our clients.

Our commitment extends to cultivating an inclusive and supportive environment, fostering collaboration with premier designers, manufacturers, and installers.

Together, we strive to create a synergistic network that consistently achieves excellence in every aspect of our endeavors.





LIGHT AFFECTS
EVERYTHING. IT IS A
SPECIAL PART OF THE BUILT
ENVIRONMENT, SHAPING
HOW WE SEE AND HOW WE
IMPACT THE WORLD.

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