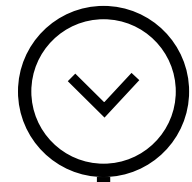


# the light lab

## Company Profile

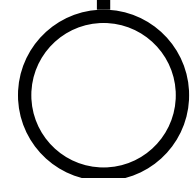
the light lab  
bright ideas

Credentials



# Company Profile

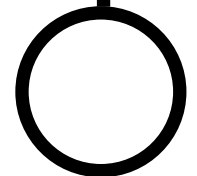
- Established in 2002, The Light Lab has spent the past two decades bringing together combined experience in lighting integration, new lighting technology and project management to deliver high-end architectural lighting installations.
- Based in London, The Light Lab has worked on many of the capital's landmark buildings, and has a strong national and increasingly international presence.
- The Light Lab are specialists in custom architectural lighting solutions. With extensive expertise in lighting integration, emerging technologies and project management, we deliver premium lighting installations worldwide.
- From initial collaborative design and drawings, mock-ups in our central London workshop, to manufacture/supply of all metalwork, glass, LEDs and controllers – we take full responsibility for all elements and final installation and finishing.

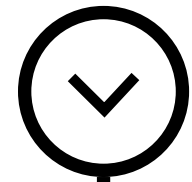




# Our Approach

- We believe that lighting should be an integral part of the building design and we therefore encourage creating bespoke project-specific solutions rather than compromising around existing lighting products.
- This allows lighting elements to be as discrete as possible whilst maximizing their visual impact and achieving designers' ambitions for the space and environment.
- We focus our efforts on providing bespoke lighting solutions and installation. Alongside this we offer a range of specialist lighting products, offering them in tailored sizes to suit the needs of each project.
- All designed and manufactured to the highest standards, in the UK.





# Project Process

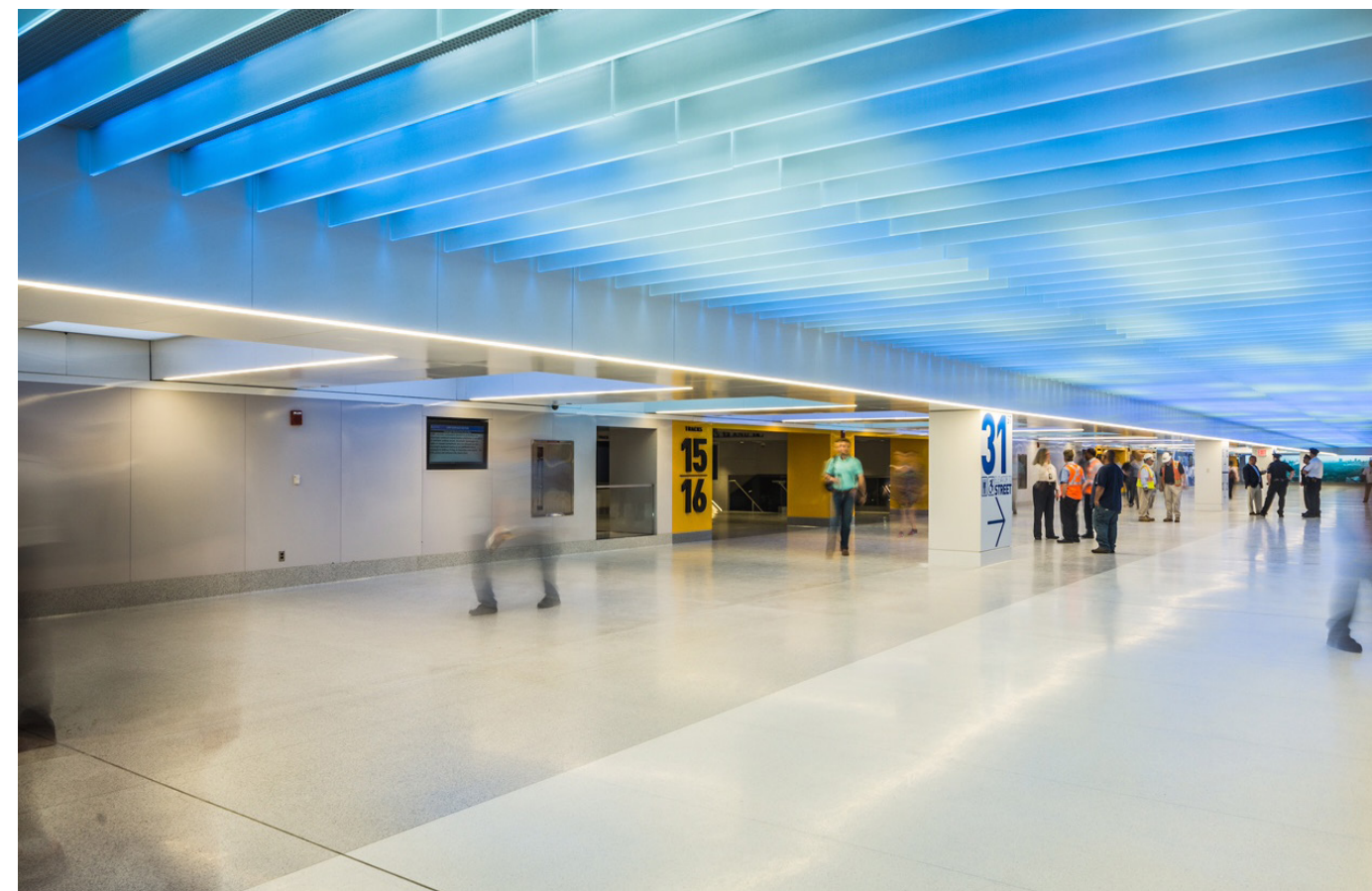
## Design Integration

- We provide innovative solutions to realise the design concept. We operate across all sectors involving architectural lighting, producing CAD design and schematics, whilst managing supply of products to ensure design integrity is met.



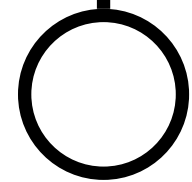
## Manufacture

- The Light Lab have expertise in all areas of lighting manufacturing and fabrication, producing all finished products in the UK from high quality materials and components.



## Installation

- We provide a skilled team of trained engineers for glass, metal and electrical elements, offering project management support throughout the whole process.





Case Studies



# Penn Station, New York

Bespoke Spectraglass Fin Ceiling



<b>Architect</b>	Skidmore, Owings & Merrill LLP (SOM)
<b>Lighting Contractor</b>	The Light Lab
<b>Products</b>	Spectraglass
<b>Services</b>	Specialist lighting manufacture & installation
<b>Industry</b>	Transport

**Skyscape is a bespoke light art installation covering the ceiling of the new west end concourse at Moynihan Train Hall, Penn Station, NYC. Designed by Skidmore, Owings & Merrill (SOM) for the Moynihan Station Development Corporation, The Light Lab fabricated a bespoke Spectraglass fin ceiling with digital content by light artists miriamandtom.**

[View here.](#)

The project contractor Skanska & electrical contractor Welsbach, commissioned The Light Lab to work on the design and build of this 'digital sky', using their bespoke edge lit glass product Spectraglass. The Light Lab designed & manufactured an easy-fit support structure and LED glass fins to fill the expanse of the 15'x300' ft ceiling. The brief included making all the services above the fins easily accessible, so the design mounted the fins on easy slide carriages on precision rails.



The 2,000 pixels of RGBW LED light, softened through the glass, gives a gentle, calming sense of space in an otherwise confined and overcrowded space and has been very well received by the harassed commuters, as they wait for the full redevelopment of the station. They called on the services of Studio miriamandtom to create 'Skyscape', an animated and voluminous sky scene that drifts across the ceiling, whose deft touch gives the piece its true class.



# London College of Fashion

Glowrail - Timber Finish



Architect	Allies & Morrison
Lightng Design	Buro Happold
Products	Glowrail - Timber Finish
Services	Specialist lighting manufacture & installation
Industry	Education

**The Light Lab contributed bespoke lighting to the relocation of London College of Fashion, University of the Arts London, to its state-of-the-art, purpose built site at Queen Elizabeth Olympic Park on the Stratford Waterfront. Allies and Morrison & Buro Happold specified our expertise to fabricate our bespoke LED handrail fitting ‘Glowrail’ in a custom timber finish, spanning 15 stories throughout the new building.**

[View here.](#)

One such solution was the ‘Heart Wall,’ a concrete frame comprising columns and beams that establishes a boundary between the central core and surrounding workshop spaces.

This structure provides primary stability while retaining flexibility in space utilization and service provision.

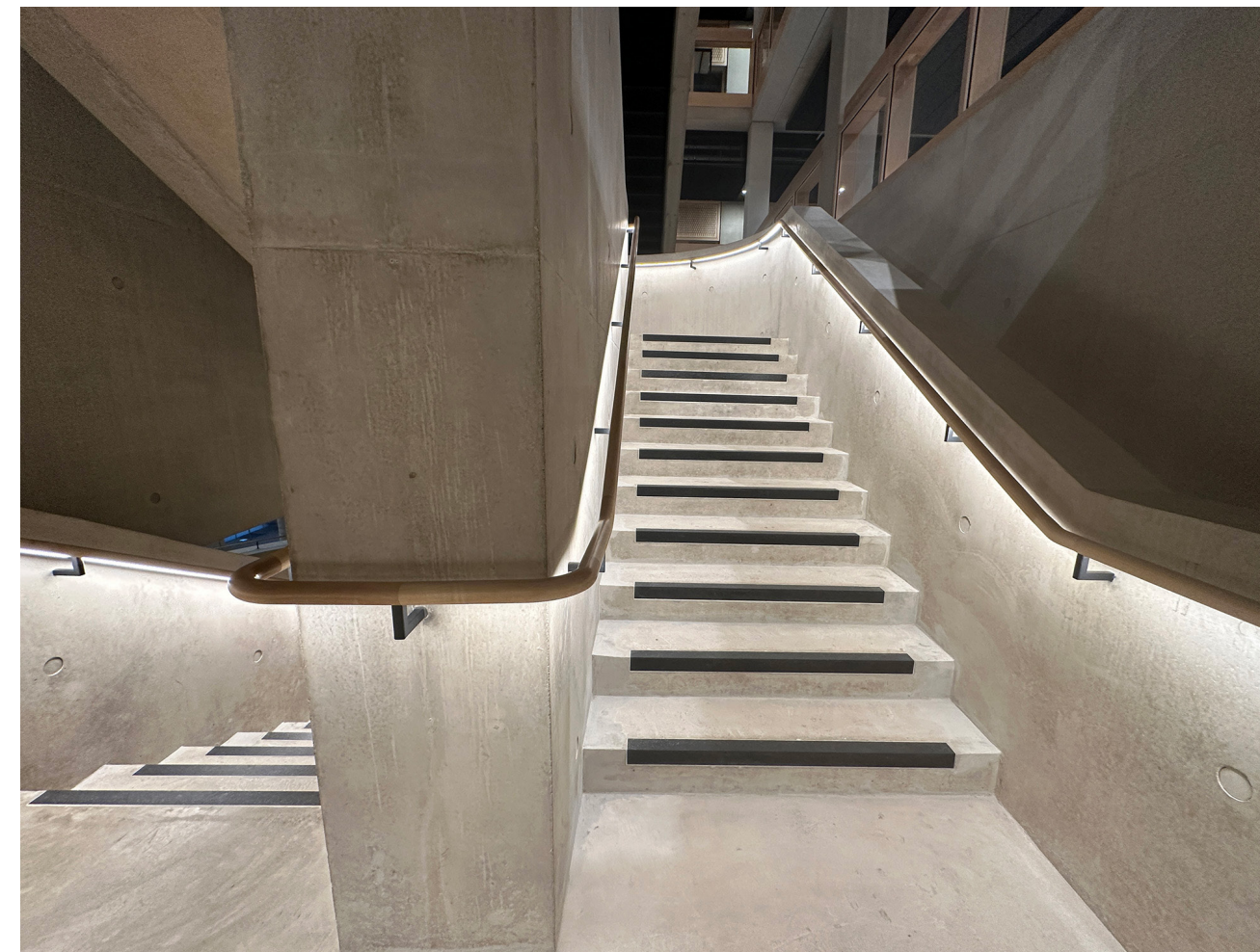
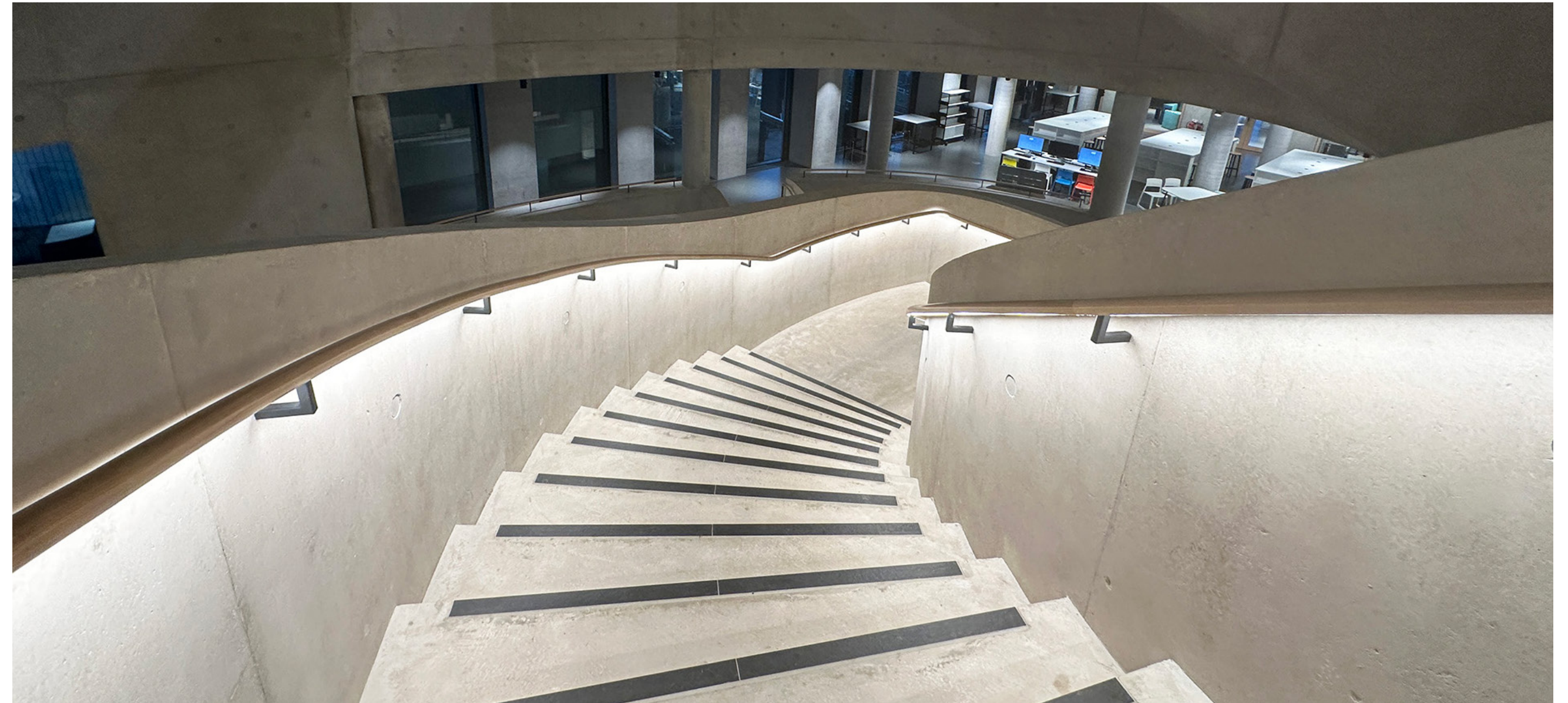
Internally, Buro Happold’s structural team devised innovative solutions for the complex spaces radiating from the central atrium and circulation space, known as the ‘Heart’. One such solution was the ‘Heart Wall,’ a concrete frame comprising columns and beams that establishes a boundary between the central core and surrounding workshop spaces.

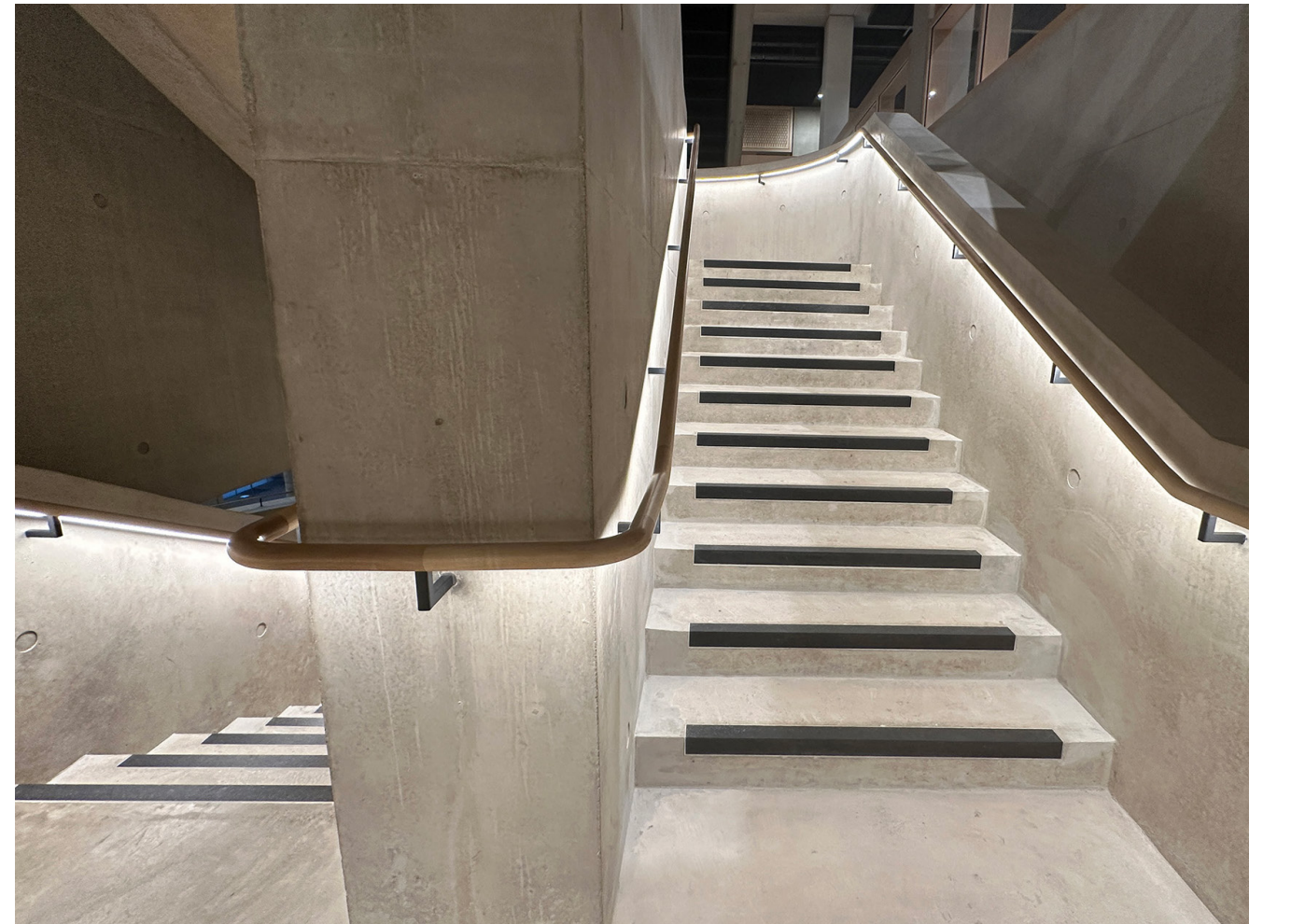
This structure provides primary stability while retaining flexibility in space utilization and service provision.



Our specialist team manufactured and installed over 430m of custom timber LED handrail, incorporating helical, curved, and straight sections, seamlessly integrating with the sweeping concrete 'heart wall' stair and adjoining black steel staircases; wall mounted with custom black powder coated steel brackets.

Mastering an unfinished surface presents a unique design challenge, as production director Marcus Cave describes how 'fixing to a concrete surface demands complete precision, as there's no room for touch-ups. To address this, our team devised a bespoke fixing method, which involved casting a spigot into pre-drilled holes in the concrete and attaching our bracket directly — so accuracy was key! The team did a fantastic job, delivering this perfectly on a hugely impressive build. Sincere thanks to Buro Happold for the opportunity with our Glowrail product.'







# Grand Central, Birmingham

Bespoke Retail Ceiling Features



Architect

HFM

Lighting Design

The Light Lab

Products

Spectraglass & Custom atrium feature

Services

Specialist lighting design, manufacture & installation

Industry

Retail & Leisure

**Birmingham's Grand Central; the retail and F&B destination, integrated with the largest transport hub in the UK outside of London, has recently completed a £2m upgrade to the New Street Mall by Hammerson. The refresh works include the creation of an engaging, vibrant and bespoke lighting scheme by HFM Architects & The Light Lab.**

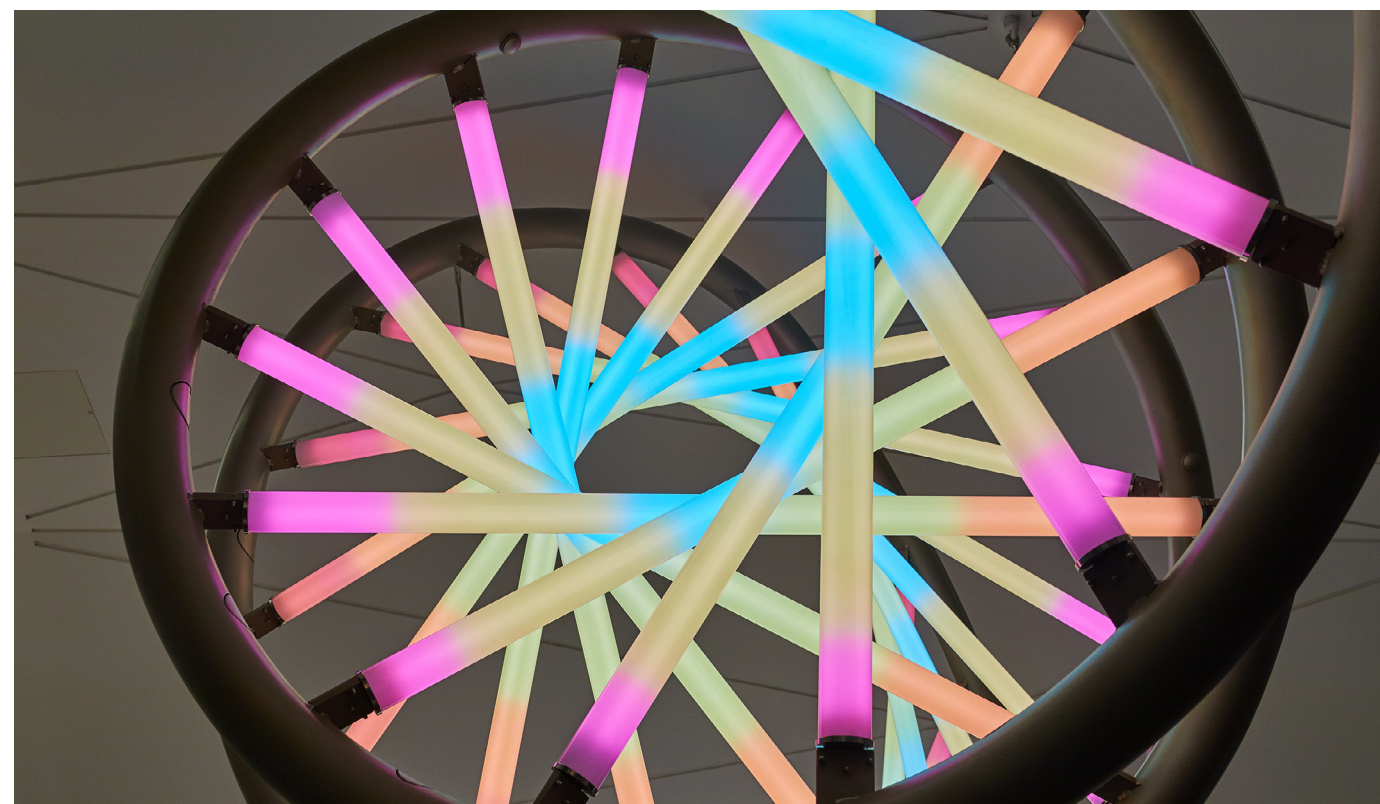
[View here](#)

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HFM's approach to the challenging brief to enliven the mall experience was driven through the necessity to reconnect the prominent strand between the High Street and the New Street Mall, within the centre. Working with the specialist team at The Light Lab, HFM introduced a sinuous, dynamic and programmable lighting scheme, to better the placemaking identity of the space recently shortlisted in the 2021 darc awards in the art: bespoke category.

A part of Birmingham's important scientific history can be attributed back to the discovery of the three-dimensional helical nature of DNA by Maurice Wilkins. It was these natural waveforms that HFM used as design precedent granting the space a new, and more defined character. The scheme is split in to two phases, where the first, provides an installation piece to signify a grand arrival from the high street, into the second, where a weaving Skyscape forms the genetic fabric of the mall.

In the double-height atrium entrance, the installation of a striking bespoke feature by The Light Lab, entitled 'the helix', resembles an unravelling strand of DNA. The 'base-pairs' are integrated with the latest SPI LED technology that allows for infinite possibilities of colour, movement and interactivity to welcome the public to the destination.





# Volume 0.1, Union Manchester

Bespoke Digital Artwork



Architect

Debton Corker Marshall

Interior Design

Vita

Lighting Design

Artin.

Products

**Bespoke**

Services

**Specialist lighting design, manufacture & installation**

Industry

**Hospitality & Leisure**

**Union Manchester is a next-generation co-living space located in the vibrant St John's Development. At its heart is Volume 0.1, a digital artwork designed by Artin., inspired by visualising sound—a tribute to Manchester's rich music heritage. This captivating installation features twelve 2 metre high glass entities that seem to levitate in the entrance void, creating a powerful visual statement.**

Designed in harmony with bespoke lighting solutions throughout the building, Volume 0.1 seamlessly integrates with the interior lighting design, enhancing the atmosphere of the amenity spaces while maintaining a cohesive aesthetic.

The Light Lab were brought on as specialist contractors to develop, fabricate and install the unique pendants, which feature custom linear SPI pixel LED and bespoke LED ring PCBs, all with RGBW chips. The feature uses over 18,000 channels of control, via Madrix hardware and software, enabling the balanced and seamless realisation of Artin's beautiful visual content.





# UCLan

## Custom Exterior Lighting



**Architect**  
**Lighting Design**  
**Products**  
**Services**  
**Industry**

Hawkins Brown  
Jason Bruges Studio  
Glowline Inground - GL50  
Specialist lighting manufacture & installation  
Education



The University of Central Lancashire (UCLan) has undergone a £200 million transformative Campus Masterplan, featuring a £60 million Student Centre and University Square, which serve as the focal point of the vibrant Preston Campus.

The new Student Centre is a key element of the transformation, with the courtyard providing a vibrant hub for students and staff, designed with greenery, seating areas, and art installations. It encourages relaxation and social engagement, providing a refreshing outdoor space amid the hustle of campus life. [View here.](#)

The new Student Centre is a key element of the transformation, with the courtyard providing a vibrant hub for students and staff, designed with greenery, seating areas, and art installations. It encourages relaxation and social engagement, providing a refreshing outdoor space amid the hustle of campus life.

Architects Hawkins Brown led the campus transformation with fresh and contemporary design inspired by Preston's textile heritage and future in aerospace & electronics.

A key feature is the illuminated "light threads," designed by Jason Bruges Studio, to reference delicate strands of cotton. The Light Lab developed the 'light threads', fabricating custom Glowline Inground fittings, with digital content by Jason Bruges Studio. These motion-sensitive lights, embedded in the stone paving of University Square, create a striking path that extends into the Student Centre.

The Light Lab manufactured these 300+ 'light threads' by developing a custom version of the Glowline Inground-GL50.

Each 1m fitting, though using a single-color white LED, featured 10 individually controllable pixels; affording Jason Bruges Studio a large scope for their digital content culminating in the interesting, dynamic and varied animations that play out across the site, giving motion and form to the path of the threads.

Additionally, each Glowline fitting was self-addressing, streamlining installation by making it possible to link up to 25 fittings and utilising a small number of driver locations, minimising cabling and simplifying the setup across the site.







# David Oluwale Memorial Bridge

Bespoke Public Realm Lighting



Engineer	Bam Nuttall
Lighting Contractor	The Light Lab
Products	Spectraglass
Services	Bespoke lighting manufacture & installation
Industry	Public Realm

The Light Lab fabricated and installed bespoke Spectraglass panels to the David Oluwale Memorial Bridge; a striking new structure across the River Aire in Leeds. The project is a partnership between the David Oluwale Memorial Association (DOMA) and Leeds City Council. [View here.](#)

Our specialist team were brought onboard by BAM Nuttall & Mott Macdonald, to manufacture and install the bespoke low iron, toughened Spectraglass panels, with SGP laminate structure inter-layer. The bridge is approximately 28 metres long, with each of the 16 panels measuring 1.5m; making it one of our largest external Spectraglass projects to date. Each of the 16 Spectraglass panels feature a bespoke screen print design, to create the desired design intent of an owl flying across the bridge. This is achieved by using high output SPI LEDs, controllable at 125mm increments to create the movement of the light and therefore the flight of the owl, with all programming by Architainment.





# Bobby Moore Bridge, Wembley

Bespoke Public Realm Lighting



Architect	Dixon Jones
Lighting Design	Speirs Major
Products	Bespoke
Services	Bespoke design & build main contractor
Industry	Public Realm

Property developers Quintain have launched the refurbished Bobby Moore Bridge pedestrian underpass at Wembley Park; a project which saw The Light Lab take on full management, fabrication and installation responsibilities, as bespoke design and build main contractor.

Initial concept for the project came from the team at Dixon Jones Architects, with lighting design by Speirs Major and light art by miramandtom. [View Here](#)

Edward Jones from Dixon Jones Architect describes how their design concept was to transform Bobby Moore Bridge from a neglected and routine piece of civil engineering into a 'glittering Proscenium leading to the wonders of Wembley.'

*"For those arriving at Wembley Park Station a first impression is of the great vista seen in perspective above the BMB leading via the lighting columns of Olympic Way to the Colossus of the Stadium beyond. Then having navigated the steps down to concourse level the bridge acts as a threshold. The dramatic lighting of its enclosing walls and ceiling prepare visitors for the spectacle of the forthcoming sporting event as well as finding a place for the recovered tiled mural, unveiled by Mrs Moore in honour of her husband in 1993, from which the bridge takes its name."*



# Bobby Moore Bridge

In addition to site managing the whole project, The Light Lab designed and manufactured the bespoke fittings, also fabricating a new ceiling, wall glazing and supporting metalwork; leading a team of specialist installers to complete the 14 week schedule.

[View timelapse video of the construction.](#)

SPI individually controlled multi-led pixels provide the wall lighting behind acid etched, toughened laminated glass with a sentryglass interlayer – ensuring a safe and robust cladding and a calming environment, in an area subject to post-match crowding as fans queue to get into the station.

Within the ceiling Glowline, linear LEDs also SPI controlled, link the two walls - completing the “crossover” effect.

In addition, a section of the heritage tiles have been renovated and illuminated in the centre of the East wall, to celebrate the history of Wembley and Bobby Moore – the plaque in dedication to him being the centre piece.

Emergency back-up, bespoke recessed downlights, provide ambient lighting to the area.

“

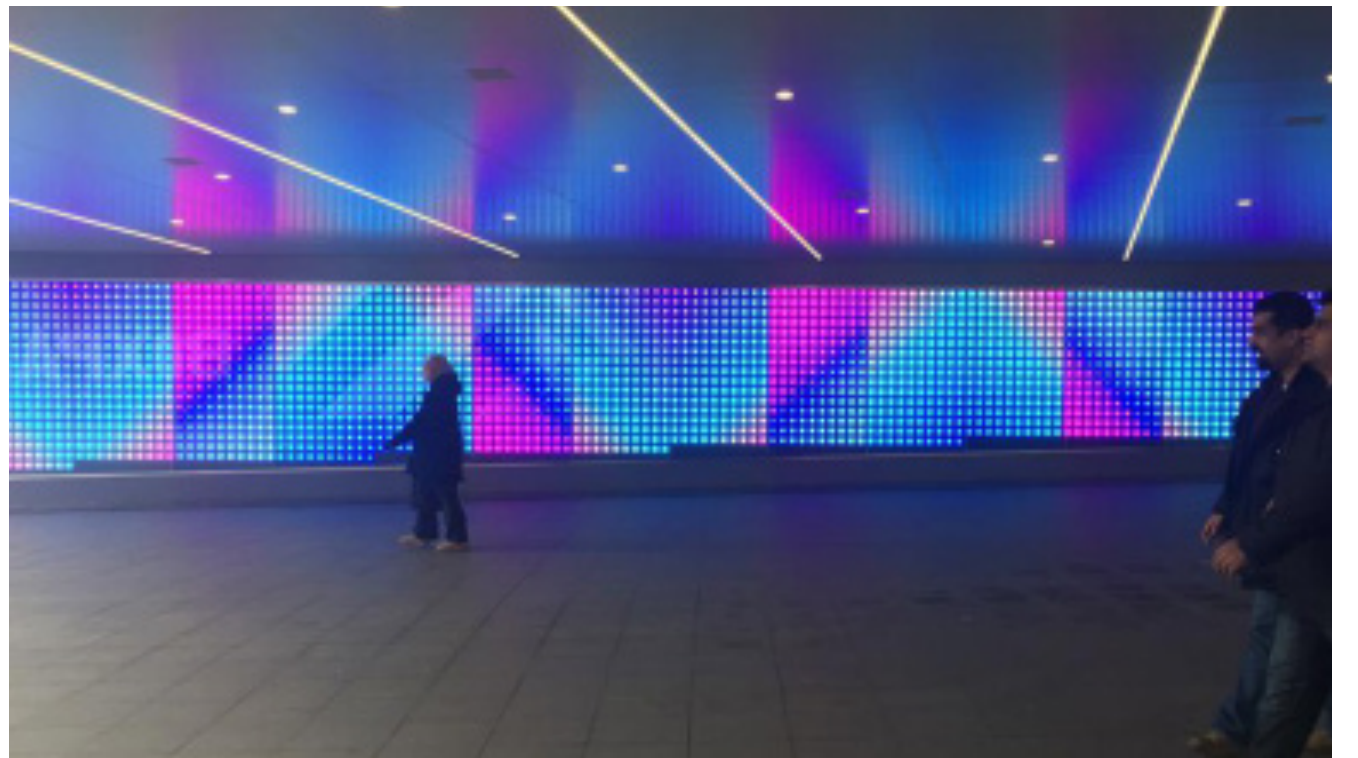
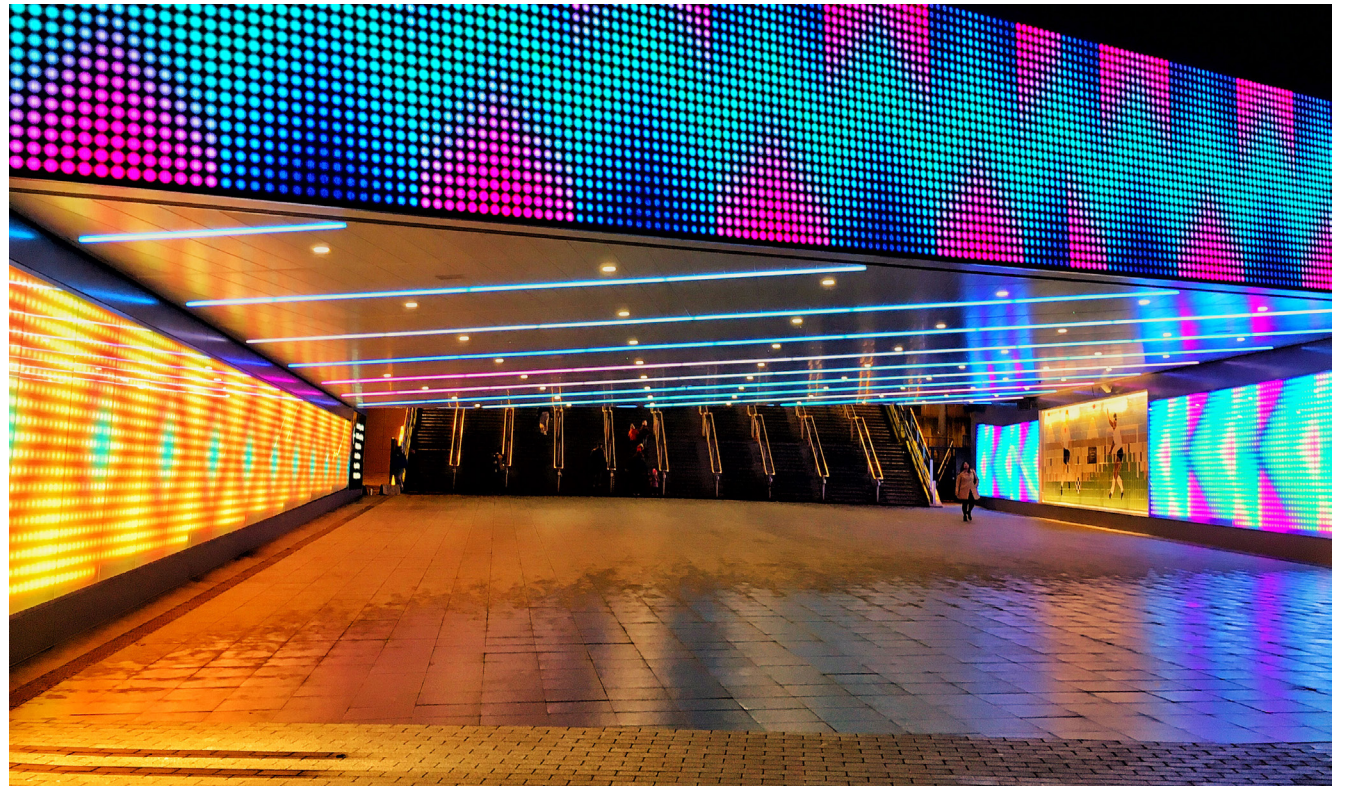
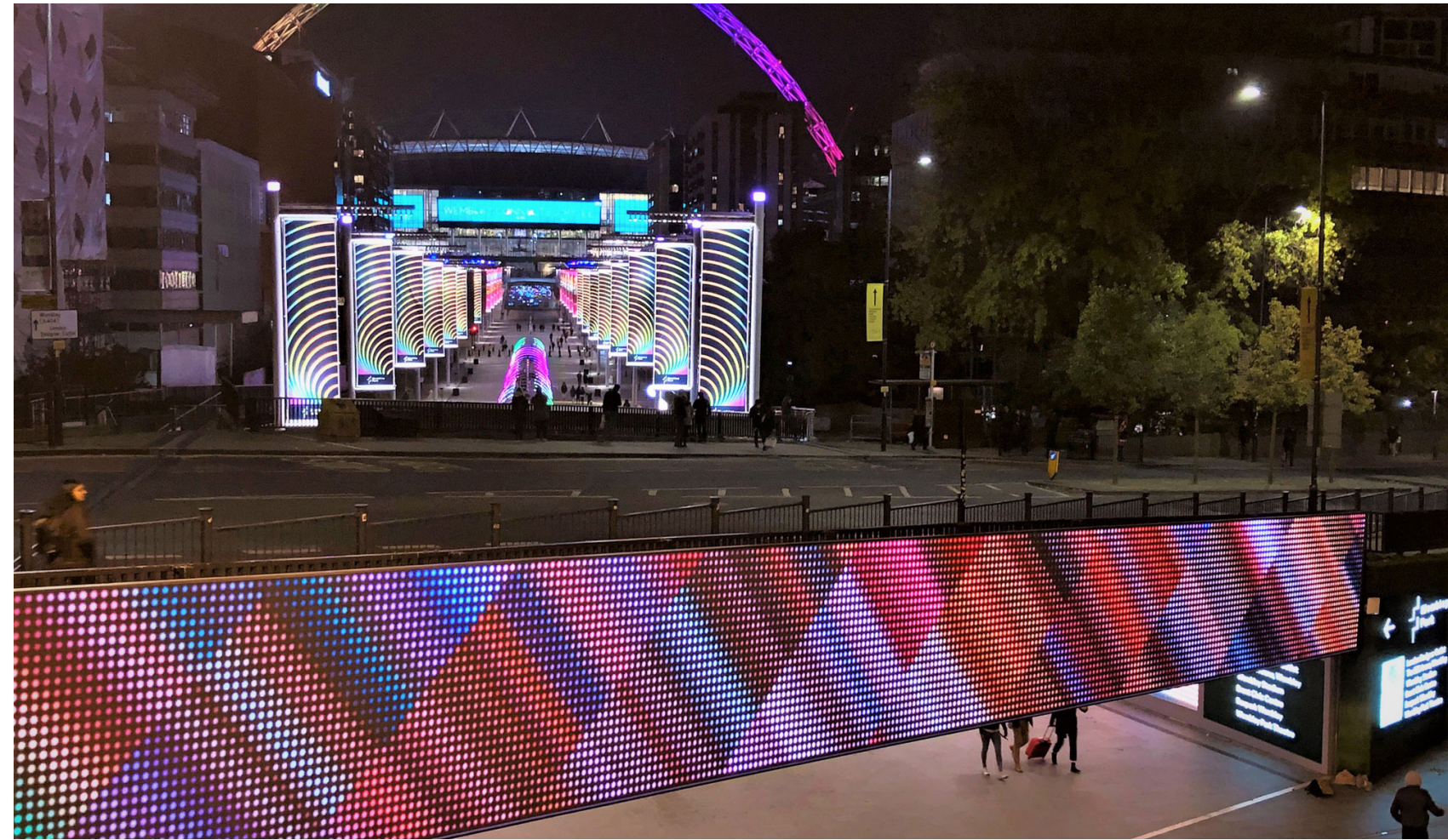
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The first of the artistic installations has been commissioned from architectural design collective, miriamandtom.

Entitled Crossover, the work reflects the complex makeup of the community that live and pass through Wembley Park every day. Crossover takes its palette from the surrounding area and the bands of colour have been arranged in deliberately angular contrast to the dynamic appearance of the architecture. As light artist Tom Sloane describes;

*“Having the opportunity to bring an element of celebration that’s deeply rooted in the surrounding community to people’s daily routine while simultaneously having the chance to design an artwork that will be many people’s first impression of Wembley Park was a great commission to take on. We hope people feel that Crossover will enhance not only the Bobby Moore Bridge, but their regular interaction with the space in positive ways.”*

The Bobby Moore Bridge is both a marker of arrival and departure at Wembley Park and Crossover will bring a daily sense of celebration to the residents of Wembley Park, visitors to the area, and the steady crossover of people and events that the bridge is witness to.





# Kings Cross Tunnel

Bespoke LED Integrated Art Wall



Architect

Allies & Morrison

Lighting Design

Speirs Major

Products

Bespoke back lit glass panels

Services

Specialist lighting manufacture & installation

Industry

Public Realm / Leisure

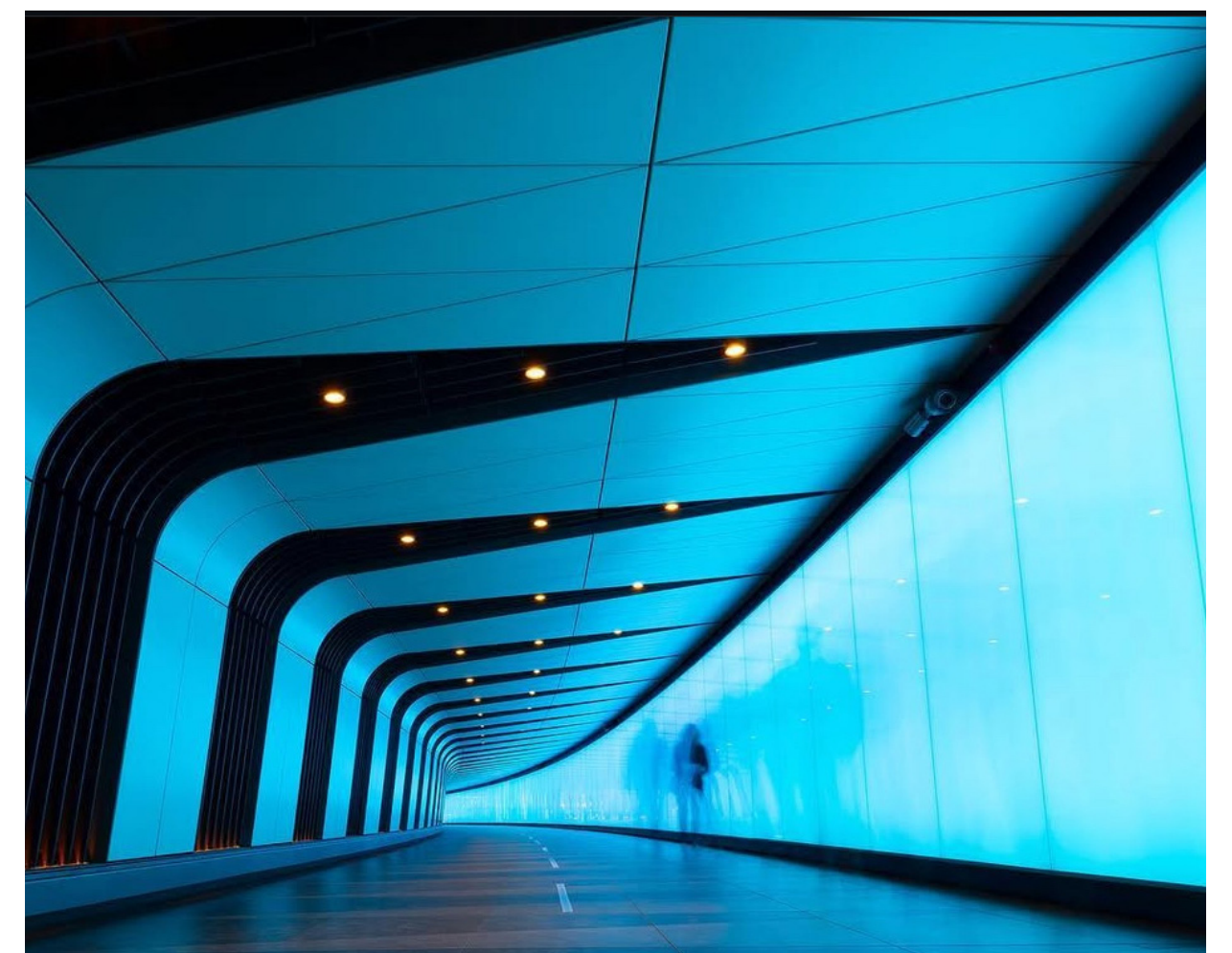
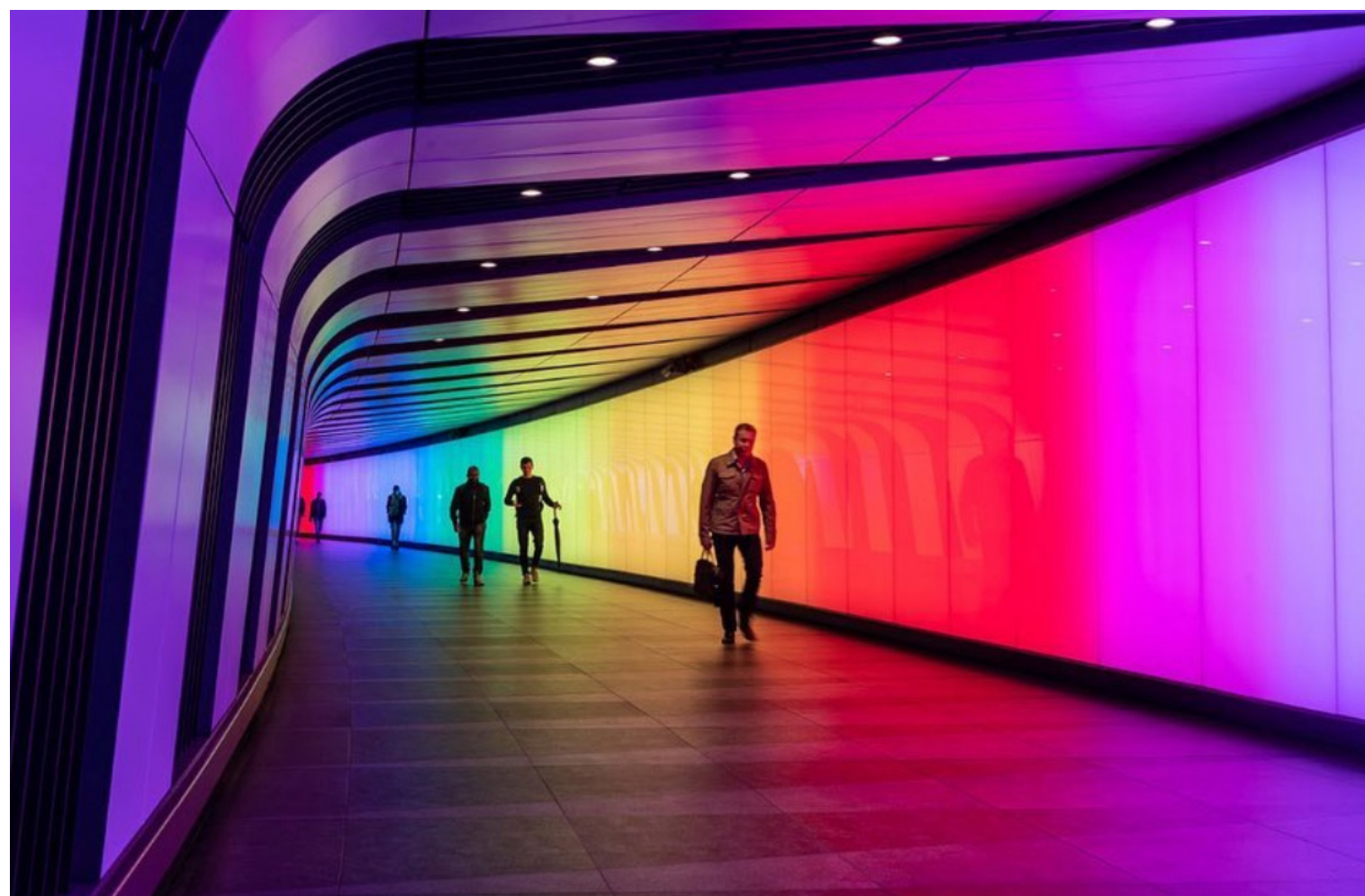
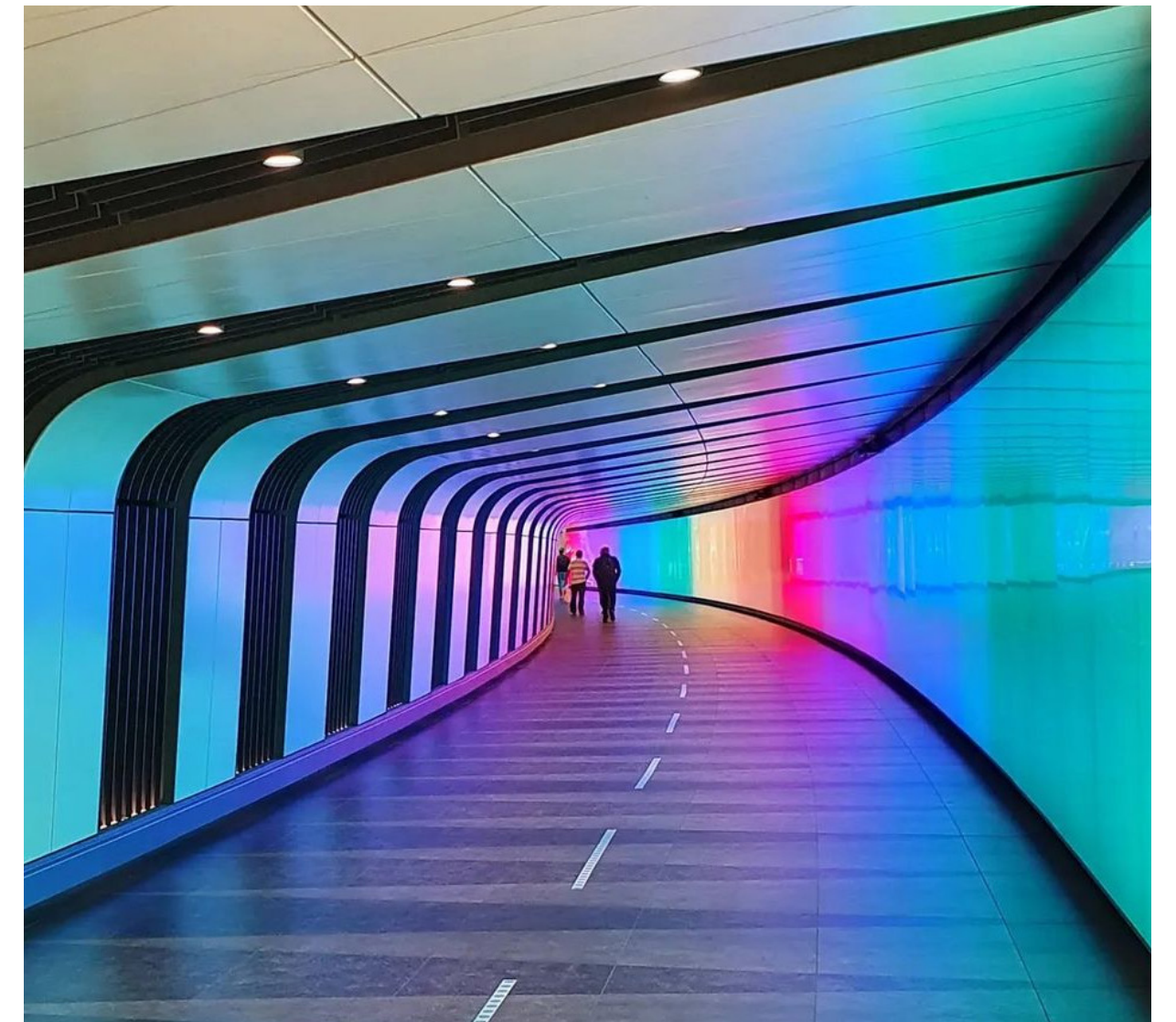
**The Kings Cross Tunnel has been designed & built by Allies & Morrison architects & BAM Construction, to form a link between Kings Cross & St Pancras stations; a route which 100,000 people take per day.**

**The light wall is the main focus of the tunnel, located on the outside of the curve, measuring nearly 100m long.**

[View here.](#)

The Light Lab designed, manufactured & installed the seamlessly jointed glass wall, back-lit with LEDs capable of emitting the full RGB spectrum & a white light spectrum from 3.0K to 6.0K. This provides a continuous curved appearance, with no shadow lines throughout.

The art wall concept was originally conceived by Speirs Major, with digital content by miriamandtom. Creating lighting in stunning muted pastels, so that the feeling of walking through the tunnel is not a harsh, neon experience, but rather works very subtly alongside the pedestrian, to create a soothing, relaxing journey.





# SUSHISAMBA, Edinburgh

Bespoke Illuminated Ceiling Feature



Interior Design	Jestico & Whiles
Lighting Design	LIGHTALLIANCE
Products	Bespoke illuminated copper tubes
Services	Specialist lighting manufacture & installation
Industry	Hospitality / Leisure

**W** Edinburgh stands as a testament to architectural brilliance, thanks to the visionary design by Jestico + Whiles. The building seamlessly integrates modern aesthetics with the rich cultural tapestry of Edinburgh. Situated on the 10th floor is the location for the latest SUSHISAMBA Edinburgh restaurant, with an incredible panoramic view of the city from the expansive glass window surround.

Based on the original concept and lighting design of Light Alliance, who took inspiration from traditional Japanese bamboo lanterns, our specialist team were brought in to fabricate & install over 500 custom illuminated copper tubes, amongst a total of 1000 tubes, suspended from the ceiling. To ensure correct coordination The Light Lab undertook the whole ceiling installation with painted MDF joinery panelling. The copper tubes were on a special bayonet designed plate fixing, with SPI controllable LEDs, to allow for animation sequences, programmable on a stand alone Madrix controller.

This illuminated ceiling feature surrounds the stunning central tree sculpture of the restaurant entrance and main bar area, becoming an integral part of the architectural narrative and enhancing the overall dining experience.







# Printworks, Manchester

Bespoke Retail Lighting



Architect  
Products  
Services  
Industry

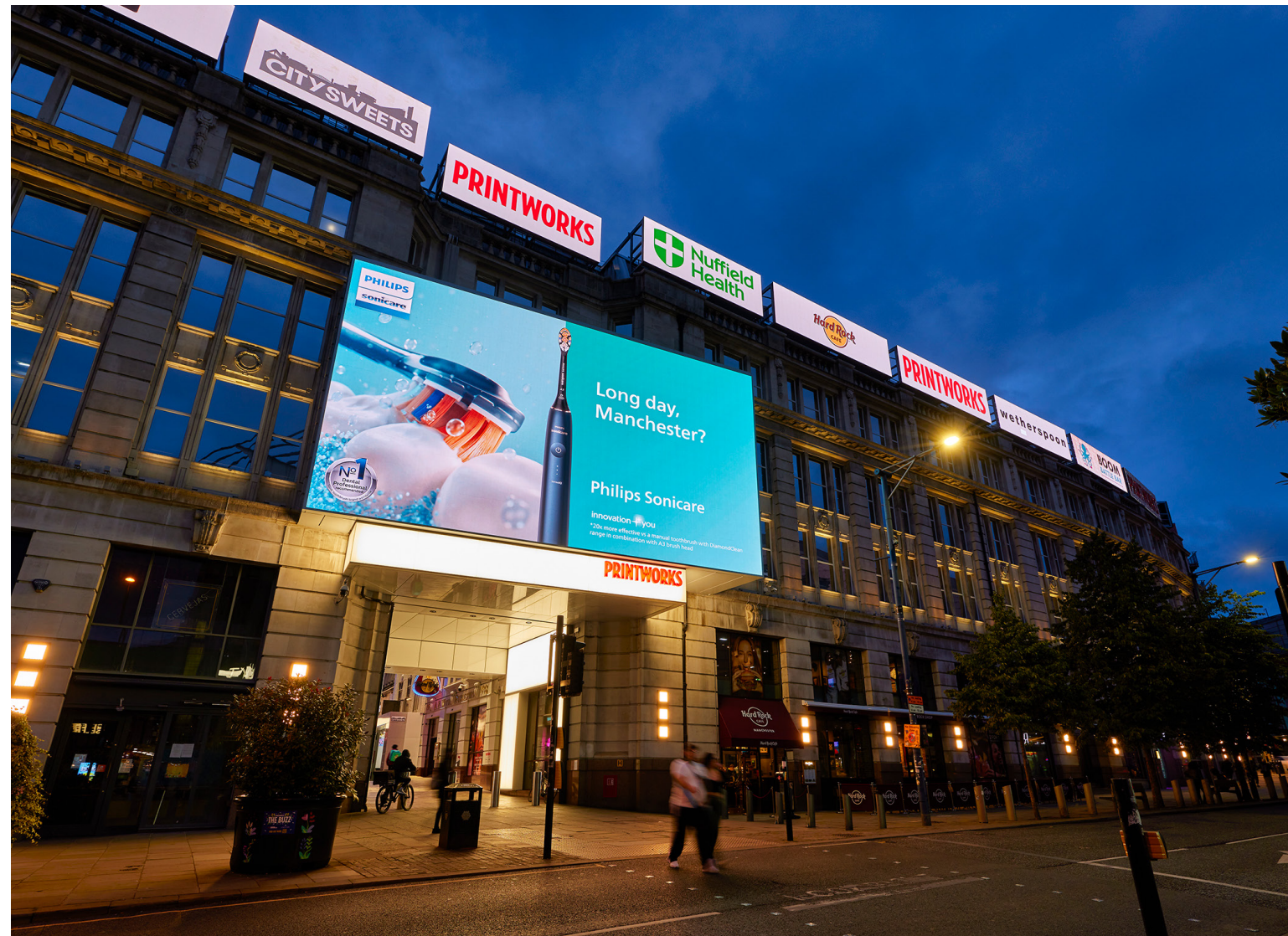
CDA  
Bespoke signage and Glowpanel  
Specialist lighting manufacture & installation  
Retail & Leisure

**Printworks Manchester has been transformed following a £21M refurbishment by DTZ Investors.**

**Printworks is a landmark leisure destination in Manchester, with 20+ bars, restaurants and leisure activities including one of the largest IMAX screens in Europe. The refurbishment, completed in 2024, was driven by the need to modernize and adapt to changing visitor expectations, marking a new era for this iconic leisure venue and former printing house.**

Focusing heavily on integrating cutting-edge digital technology, including the installation of the largest digital ceiling in Europe by ADI, spanning 1,000 square meters.

The overall refurbishment was designed by Glasgow based architects CDA, who commissioned The Light Lab specialist team to fabricate and install custom LED panels & illuminated signage to several areas across the interior and external façade of the building.





# Hiscox, York

Glowrail - Leather



Architect

MAKE

Lighting Design

Chapman BDSP

Products

Glowrail - Leather

Services

Specialist lighting manufacture & installation

Industry

Commercial

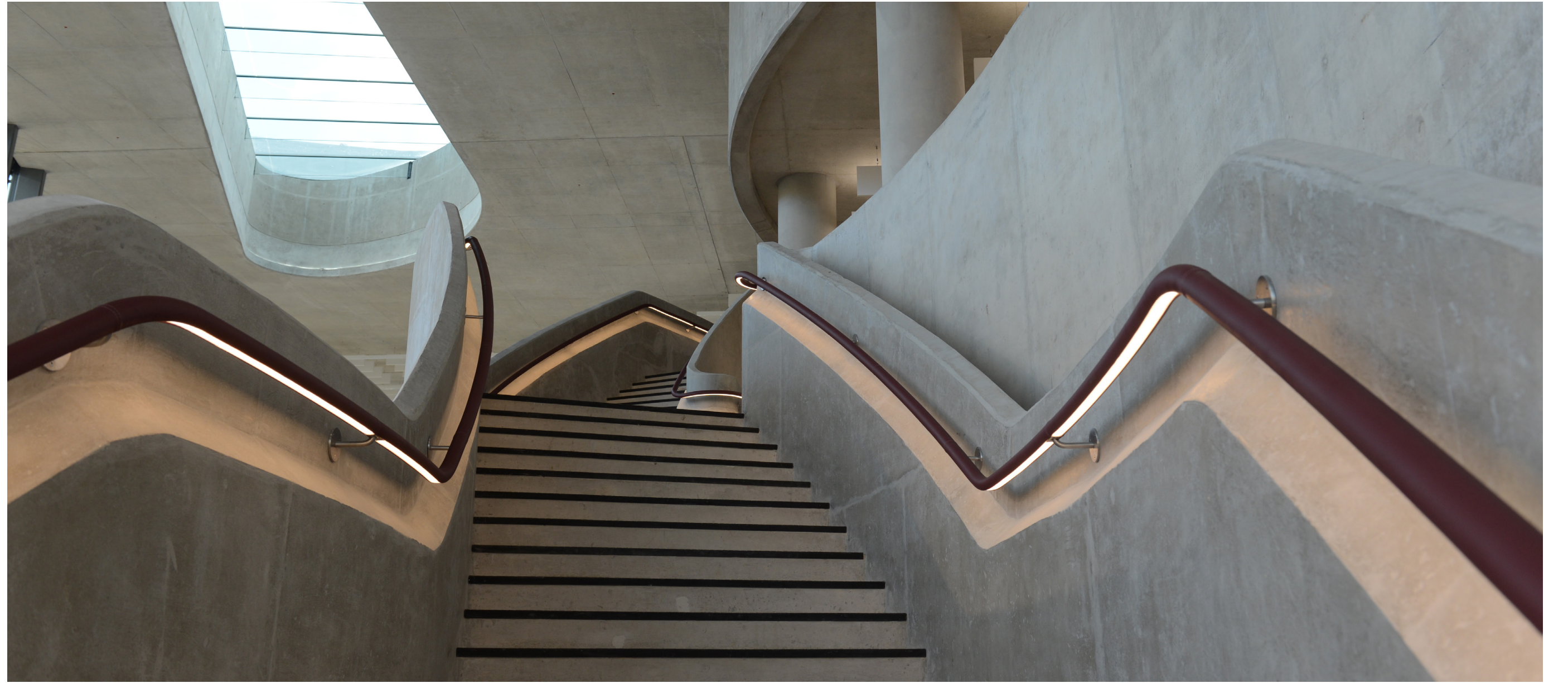
**The new office build for Hiscox, York features a centerpiece comprised of three cast concrete stairways that flow elegantly through the heart of the triple-height atrium. Designed by Make Architects, these helical style stairways hover effortlessly high above the ground floor as workers are able to drift leisurely beneath.**

A room awash with tonnes of natural light and contemporary architecture, The Light Lab were tasked with providing bespoke Glowrail LED handrails, clad in rich, high-quality leather.

A distinctive building externally, with bold curving corners and rounded glass windows, the handrail is a stunning addition to this already rich architectural design.

Close coordination and a shared creativity between the parties involved resulted in the creation of a show-stopping bespoke leather LED handrail for the client, who were delighted with the result.

This polished place of work is set to be a landmark building and we are thrilled to have been part of this project.





# IPG Mediabrands

Bespoke Office Entrance Portal Feature

Architect  
Light Design  
Products  
Services  
Industry

18 Degrees  
Glowline  
Specialist lighting manufacture & installation  
Commercial

The Light Lab realised the lighting design concept, by 18 Degrees, to manufacture and install a bespoke illuminated entrance portal for IPG Mediabrands; situated on the 7th floor of a new office development near the Old Bailey, St Pauls.

Using Glowline LED linear fittings, The Light Lab's specialist team fabricated custom illuminated lines of light, to clad the ceiling and side wall of the office entrance portal. The Glowline, housed in aluminium fins, with a Madrix-Nebula Control System, featuring programmable pre-set scenes, achieves a unique and colourful entrance to the IPG office.





# Concord London

Bespoke Rooftop Lighting Feature



Architect	E8
Lighting Design	Hurley Palmer Flatt
Products	Glowline Inground
Services	Specialist lighting manufacture & installation
Industry	Private Residence & Leisure

**Concord London is the eagerly awaited mixed-used development in Marylebone Square, situated on the former Moxon Street carpark. Constructed by Kier Group, this development stands as a modern centerpiece in one of London's prime real estate locales and marks the first new mixed-use city block in the W1 postcode in the last fifty years.**  
**Designed by E8 architects, this nine-storey, 25,160m<sup>2</sup> structure boasts 54 private and 25 affordable apartments. The ground and lower ground floors host retail, restaurant, and community spaces.**

Hurley Palmer Flatt designed the full the lighting scheme – specifying The Light Lab's custom linear and curved LED fitting, Glowline Inground. Our specialist team fabricated custom Glowline fittings to achieve long, seamless lines of light across the rooftop, smoothly transitioning from straight to radiused corners on the balconies.

We also overcame the constraints of remote driver locations by using 48VDC LEDs, which also enabled us to minimise the power feed points, for design requirements.







# Shrewsbury Flaxmill

Bespoke Heritage Lighting



**Architect**  
**Products**  
**Services**  
**Industry**

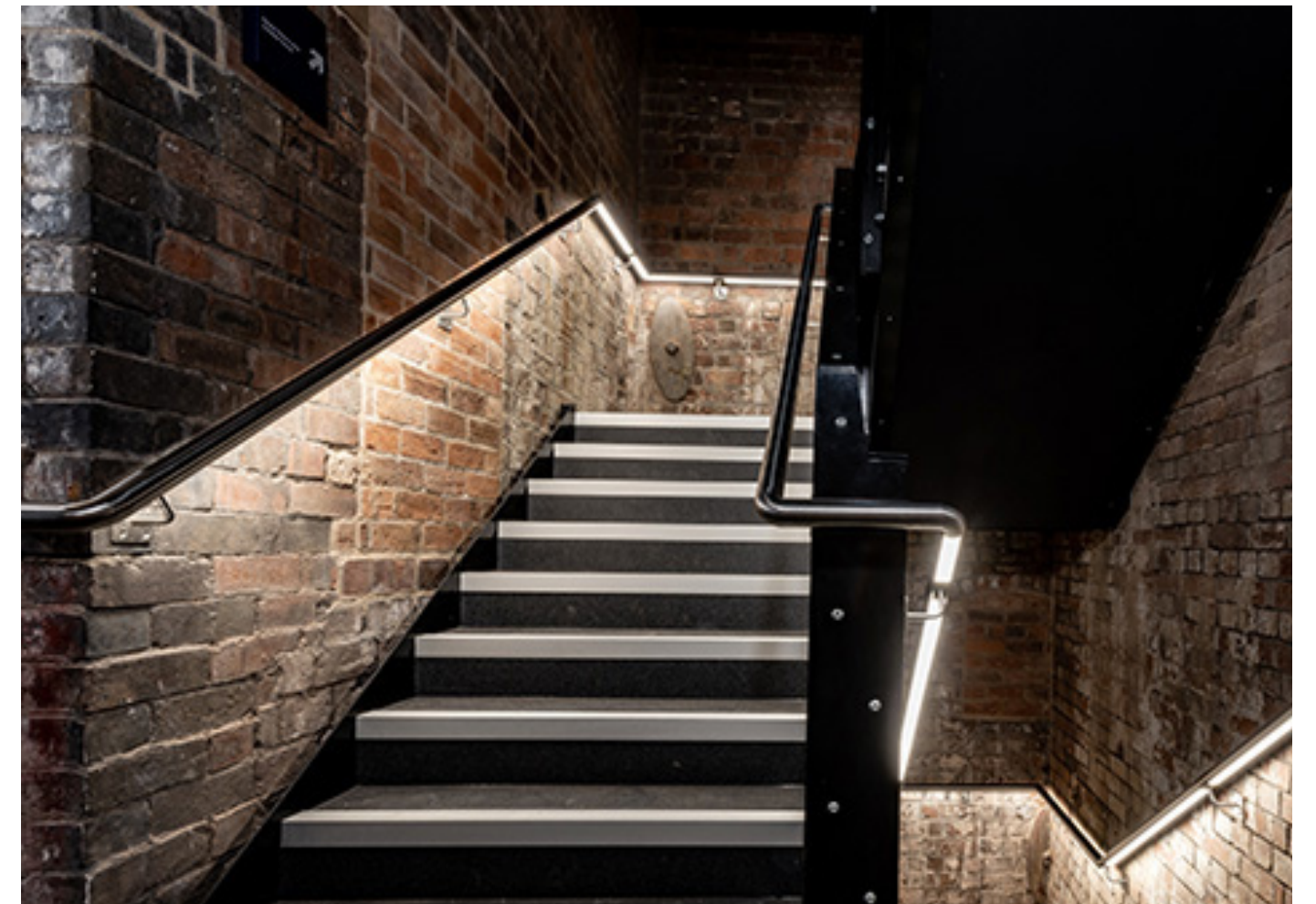
Fielden Clegg Bradley Studio  
Glowrail - Brushed Stainless Steel  
Specialist lighting manufacture & installation  
Heritage / Hospitality & Leisure

**Shrewsbury Flaxmill Maltings is one of the most important buildings of the industrial revolution, and has been part of a £28 million restoration since 2017 by Historic England and The Lottery Fund. The repair and adaptive re-use of the former flaxmill has been led by Feilden Clegg Bradley Studios & contractor Gleeds, who brought in the light lab to realise their concept design for an illuminated handrail system to light for the Grade II listed Kiln building.**

Our specialist team fabricated & installed custom stainless steel lit handrail, using our Glowrail product, to light the walkways connecting the corridors and staircases within the Kiln building.

The challenges that arise with installing fittings in a heritage building, such as mounting handrail onto ancient, exposed brickwork, was handled with a light touch conservation approach, led by FCB, to 'preserve and enhances the character of the Flaxmill which required traditional craft, materials and skills'.

The site is a flagship project for Historic England in demonstrating how historic buildings can be sustainably reused and officially opened to the public in September 2024.





# RUSI, 61 Whitehall

Bespoke Ceiling Feature



Architect  
Products  
Services  
Industry

Campbell Architects  
Bespoke Atrium Lighting  
Specialist lighting manufacture & installation  
Heritage

**The Light Lab were appointed as lighting manufacturer as part of the redevelopment of the renowned Royal United Services Institute (RUSI) at 61 Whitehall; ‘the world’s oldest and the UK’s leading defence and security think tank’. Our specialist team worked alongside main contractor Coniston to assist with the transformation of the main atrium skylight and ceiling in the RUSI Library of military history.**

**It was key for Coniston to preserve the heritage feel of the building, so when restoring the existing 19th century ceiling frame & replacing the original Georgian glass in the ceiling, their main aim was for the lightboxes to retain the feel of natural daylight.**

To achieve this design intent, our specialist team manufactured a bespoke backlit lightbox design, to initial specification by Campbell Architects. Replacing all glass panels in the existing atrium and library ceiling skylights, and backlighting with matrix boards to allow for tonal change throughout the day. The filmed glass panels also allow an even diffused appearance in all glass, with a sealed lightbox zone to avoid any dirt/dust from sitting on the glass.

The Light Lab team also completed full installation onsite, alongside electrical contractors Raytell, to ensure a high end, quality finish.





# Broadgate Quarter

## Bespoke Atrium Feature Light



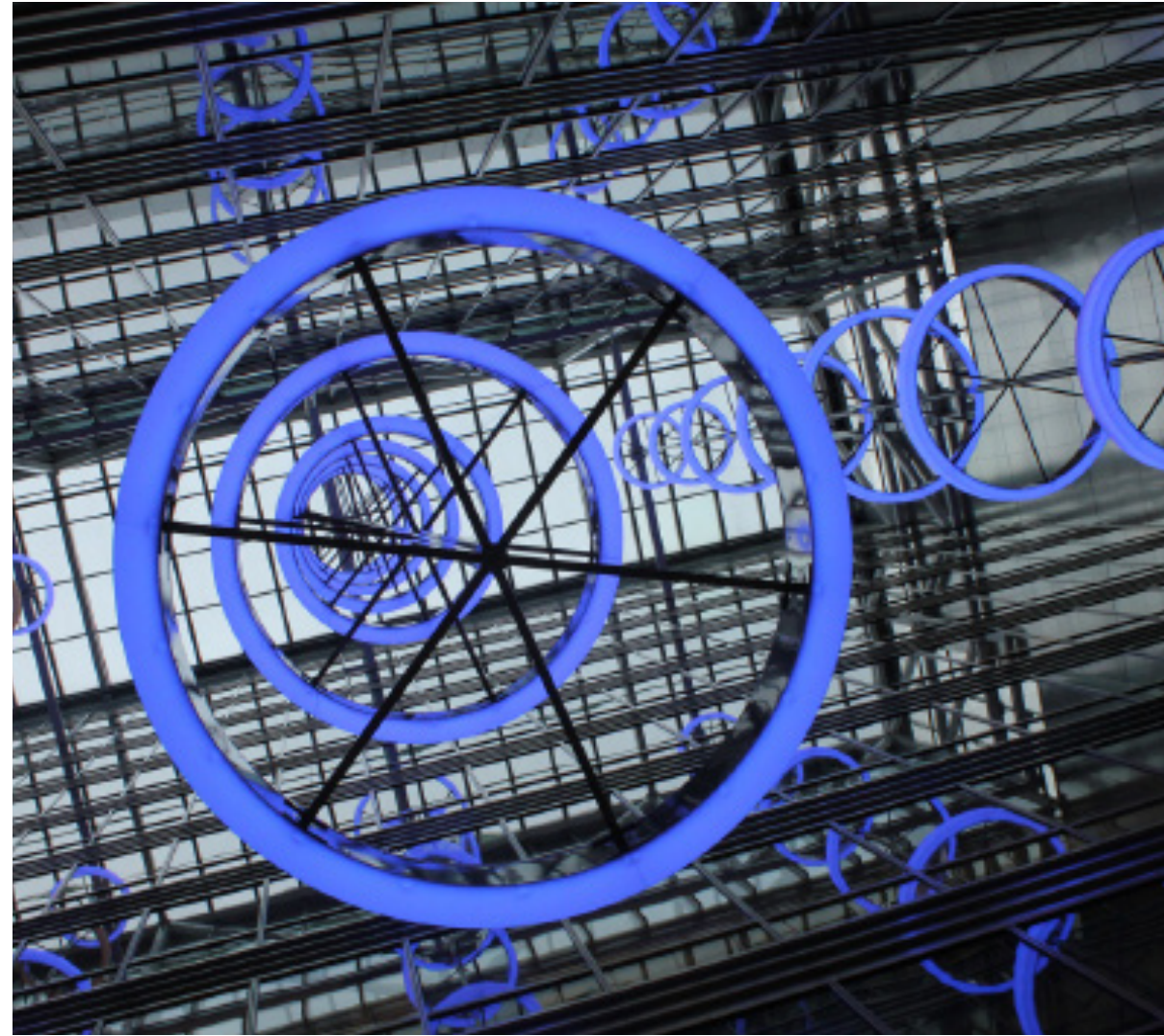
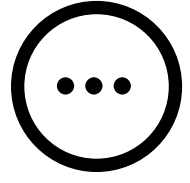
Architect  
Light Design  
Products  
Services  
Industry

John Robertson  
Cundall  
Bespoke atrium feature light  
Specialist lighting manufacture & installation  
Commercial

**The Light Lab manufactured and installed this stunning bespoke atrium light feature at the commercial offices of Broadgate Quarter in the City. The installation took place over a 6 week period, using our specialist installers, working alongside a team of abseilers, to ensure that each bespoke halo structure was installed as designed. This is our largest atrium lighting project to date, with the installation reaching almost the full length of the 50 metre atrium.**

When tackling the full project, the main design challenges involved the structure of the feature; particularly the balance of providing sufficient strength to each illuminated ring, whilst ensuring there was no visible shadowing. At the same time there was the requirement of a very light-weight structure to fix to the existing atrium support beams.

The final design was approximately 750Kg per chandelier (including all cabling) which for a 45m long structure, was a considerable design challenge. The cabling alone was a sizeable task, requiring the running and managing of over 1km of cabling of sufficient size, to ensure all LED rings were consistently and evenly illuminated.





# Private Residence, swimming pool

Private Residence Swimming Pool Lighting



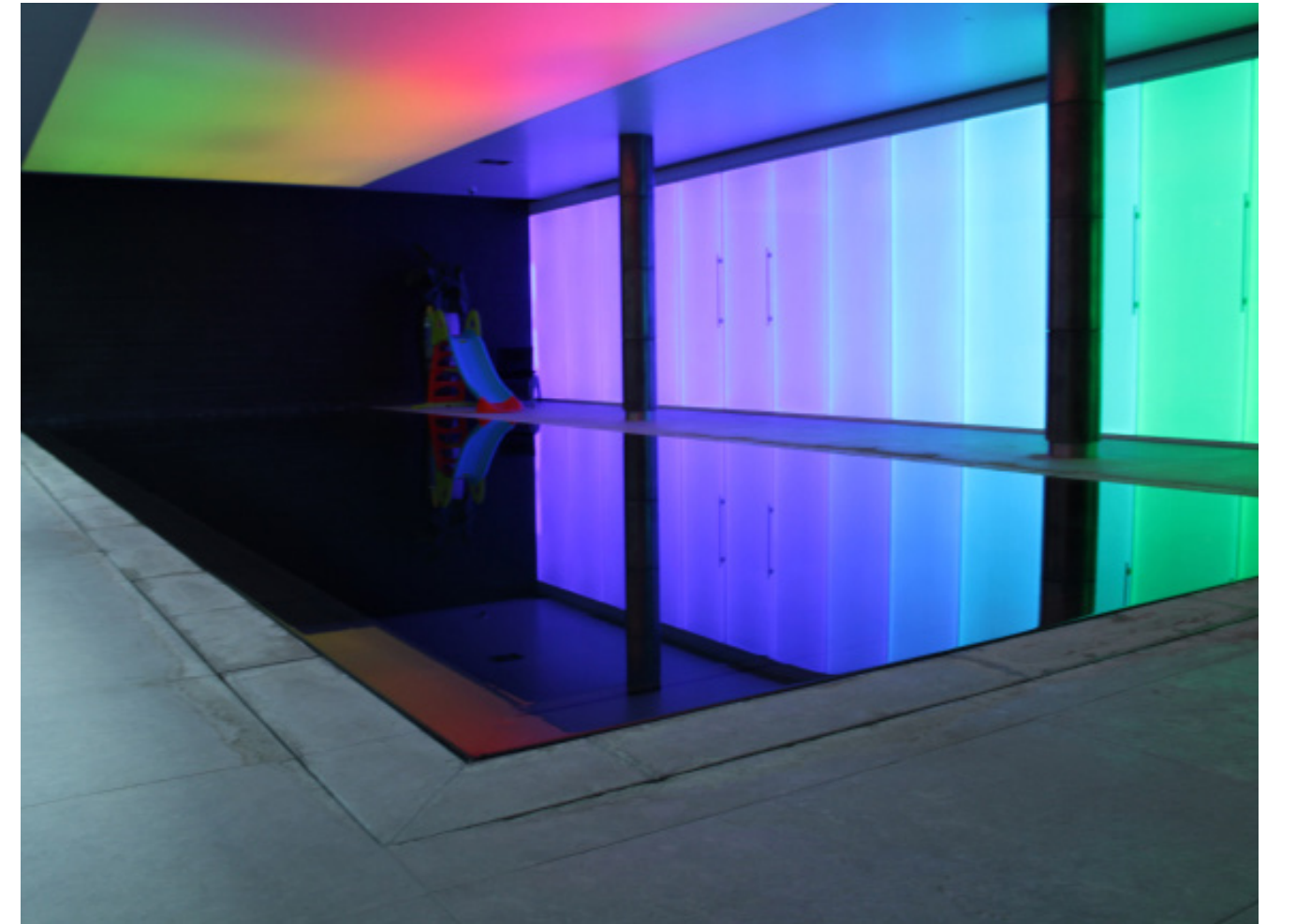
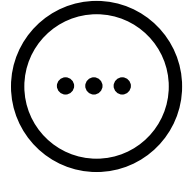
Lighting Design  
Products  
Services  
Industry

The Light Lab  
Glowpanel Trimless  
Specialist lighting design, manufacture & installation  
Private Residence

The Light Lab were commissioned to design, manufacture and install a bespoke colour changing light wall surrounding the swimming pool at a private residence in Chelsea - creating a stunning feature, to fill the underground space with a wash of ambient colour.

The wall consists of a series of slimline light panels, fulfilling the design brief of an evenly illuminated trimless feature whilst also overcoming a series of design challenges; including the incorporation of a number of doors to access the changing rooms behind. All panels are illuminated by RGBW LEDs with DMX control of individual panels allowing any number of different programmed effects.







# Freshfields

Bespoke Office Lighting



Architect

ID;SR

Lighting Design

18 Degrees

Products

Glowrail - Timber Finish

Services

Specialist lighting manufacture & installation

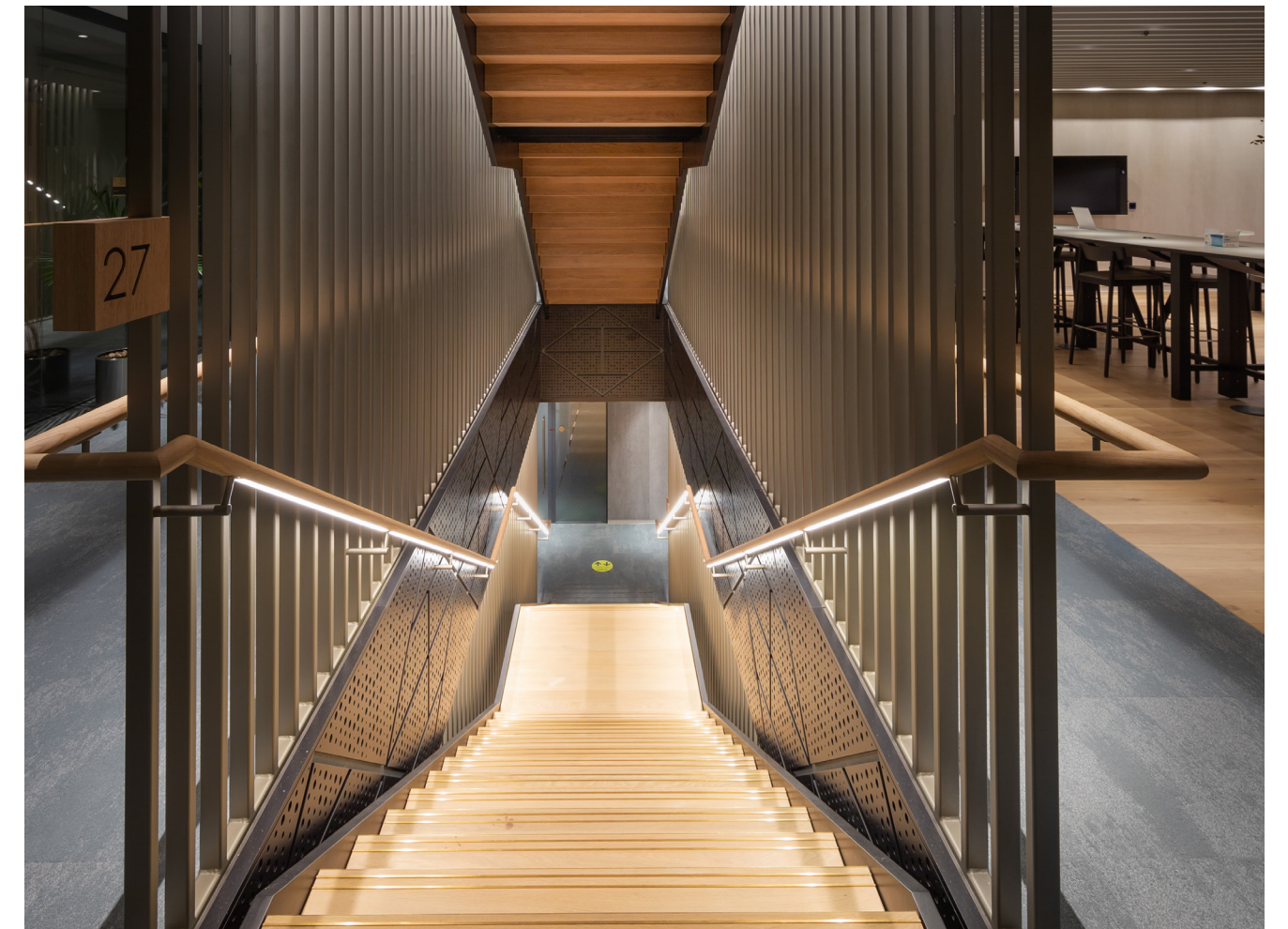
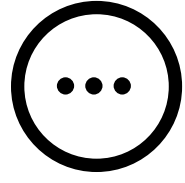
Industry

Commercial

**The Light Lab worked alongside lighting designer 18 Degrees to manufacture and install a bespoke timber handrail at the new Freshfield's Bruckhaus Deringer LPP HQ at 100 Bishopsgate.**

**Our specialist team realised the custom lighting design of 18 Degrees, to create a bespoke timber finish handrail with our bespoke Glowrail fitting, timber finish.**

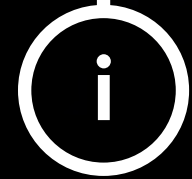
Working in close conjunction with interior architect ID:SR & Sheppard Robson, 18 Degrees were tasked with designing the lighting for the front and back of house areas in the London based law firm's office. Our Glowrail product was specified to light helical and straight sections of stairwells; providing a striking centre piece within an office designed to accommodate 'agile working' and 'preference of staff, as well as the availability of natural light taken into consideration.





# Wellington Place

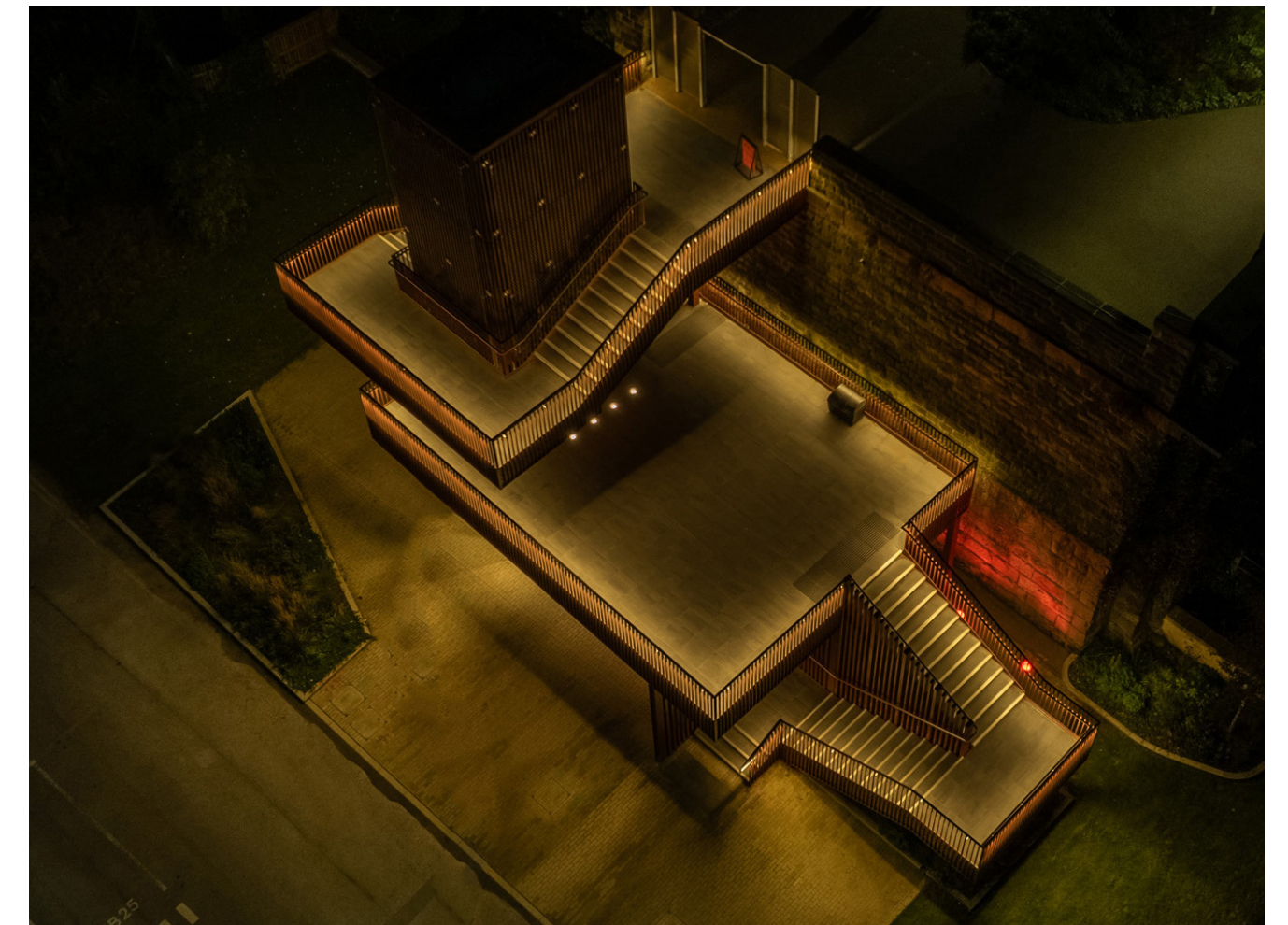
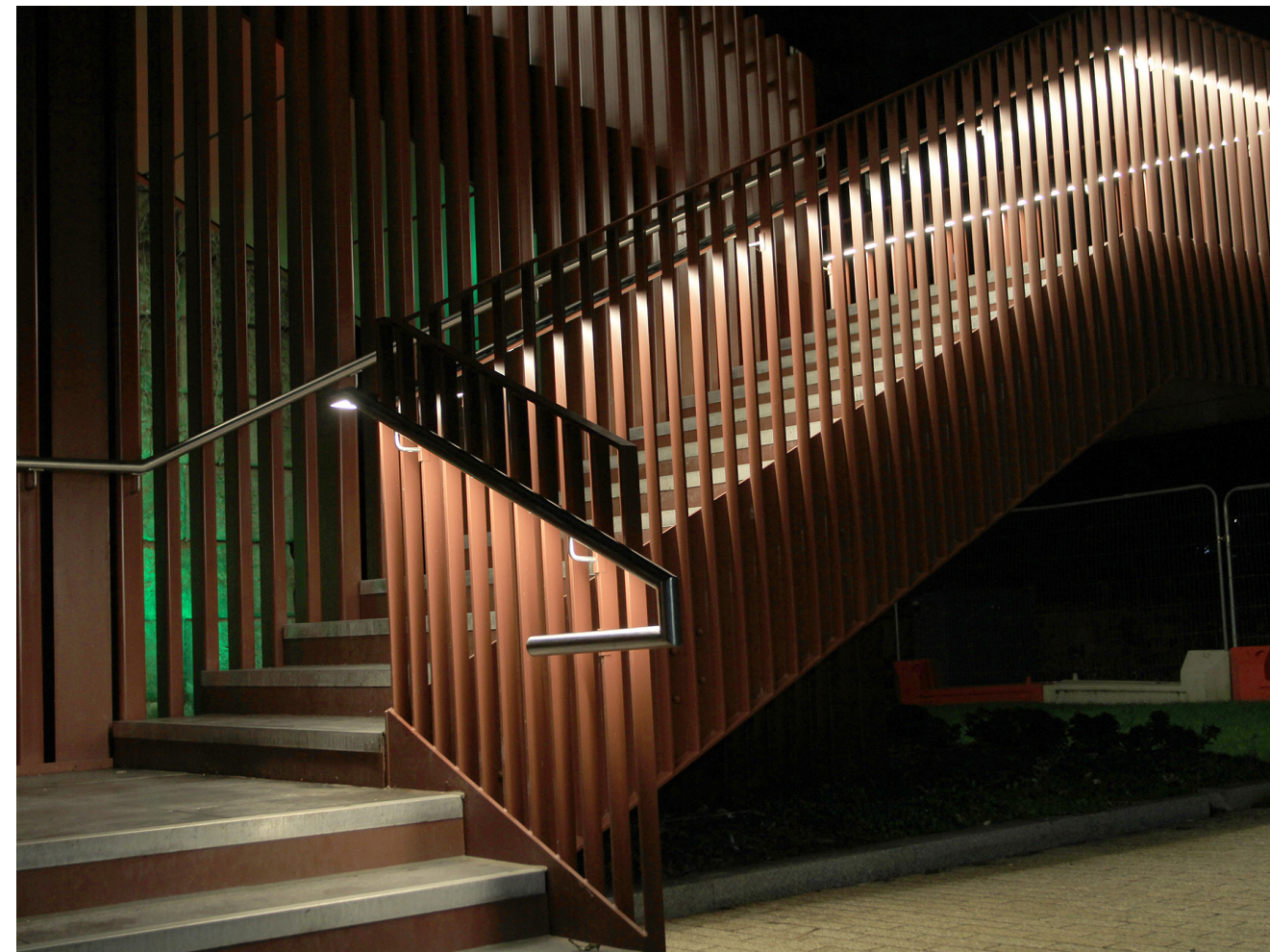
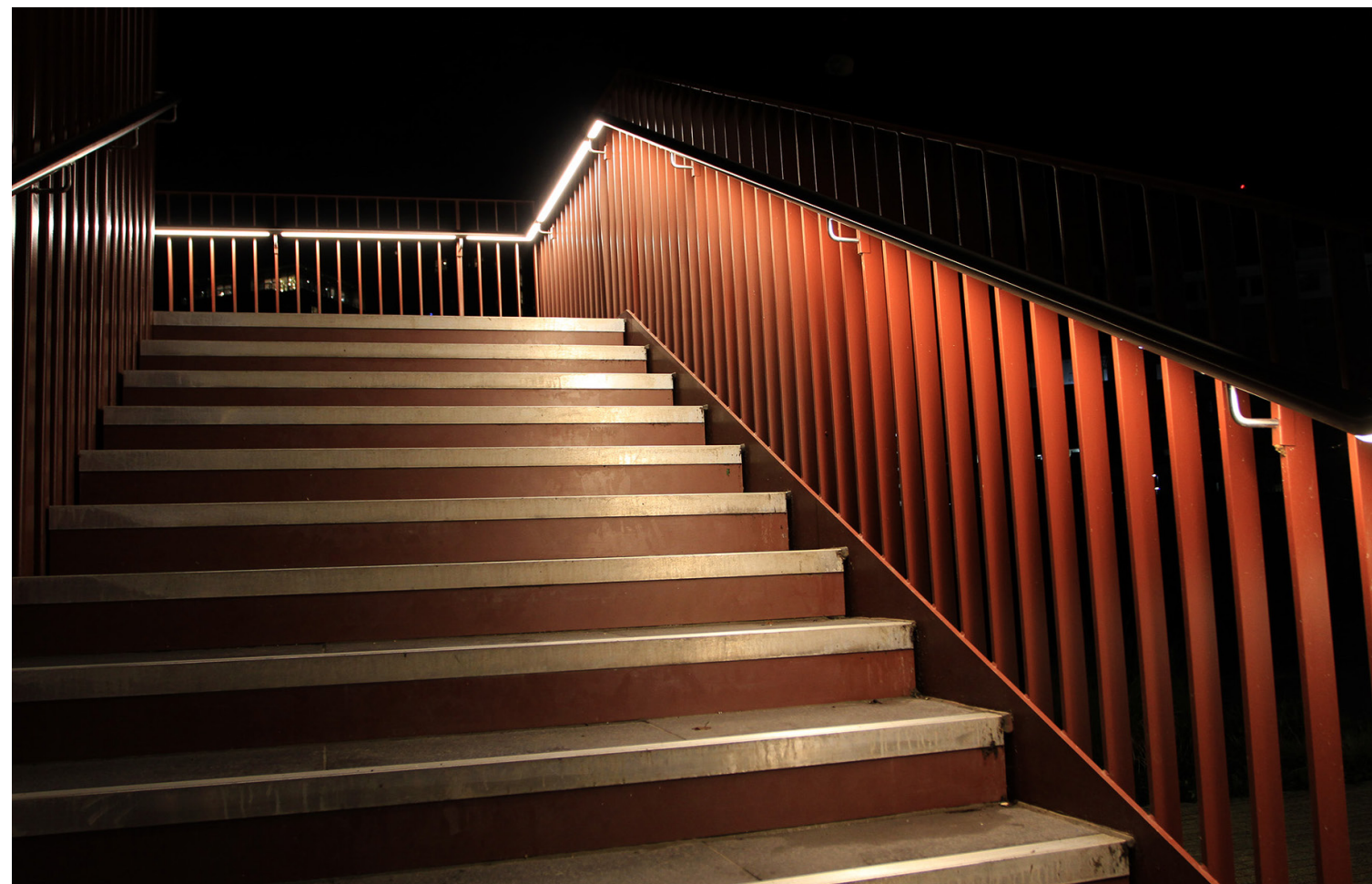
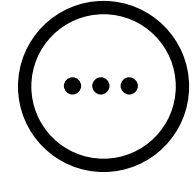
Bespoke Exterior Lighting



Architect	Sheppard Robson
Lighting Design	ARUP
Products	Glowrail - Brush Stainless Steel
Services	Specialist lighting manufacture & installation
Industry	Heritage / Public Realm

The Monk Bridge Viaduct regeneration project, at Wellington Place Leeds, has seen access returned to the historic bridge, for the first time in 40 years. Developer MEPC have created Yorkshire's first elevated urban park, with the viaduct link designed by Sheppard Robson, contractor Wates and lighting design by ARUP Leeds. [View here.](#)

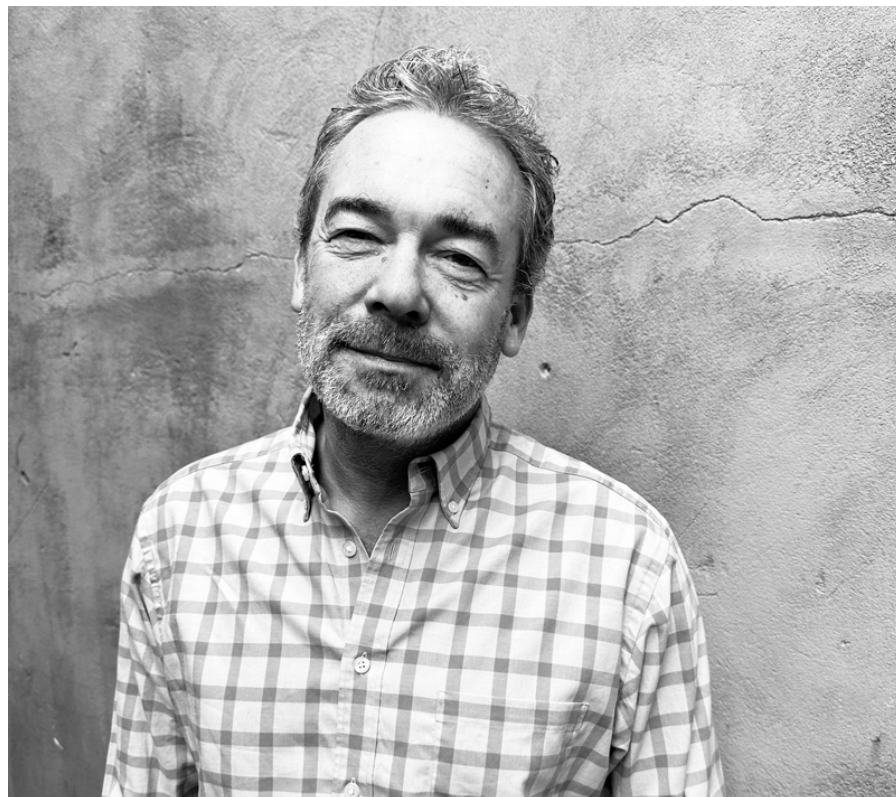
The Light Lab were specified by ARUP to provide bespoke 'Glowrail' illuminated handrail fitting for the external staircase linking the bridge to street level. Our specialist team fabricated and installed our custom LED handrail fitting, in a polished stainless steel 316 finish. The grade two-listed Monk Bridge viaduct was built around 1846 as part of the new railway network being constructed in the Wellington Street area of Leeds, and is one of several heritage lighting projects that The Light Lab have been involved with this year.





# Meet The Team

The three company Directors are also the lead project & production managers and they will be your point of contact throughout the duration of this project.



## Phil Riley, Director

Phil started life as a qualified chartered accountant, moved quickly into project management and then spent 10 years as an independent management consultant, specialising in project management in large multinationals at a local level, managing manufacturing, logistics and installation projects for Nestle all over Europe.

Phil oversees the growing number of projects in the US - most recently spending time in New York to project manage a large scale lighting installation at Penn Station (*see case study detailed in these credentials*).



## Graeme Laurie, Director

Graeme has an MSC in Light and Lighting from UCL and has worked for The Light Lab since 2003. He has been responsible for managing a diverse range of lighting installations in the UK - also overseeing the majority of international projects in the Middle East & Australia - overcoming logistical complexities and large scale engineering challenges.

Recent projects include Paspaley, Australia, Broadgate Quarter (*see case study*), Centria Mall, Saudi Arabia.



## Chris Burridge, Sales Director

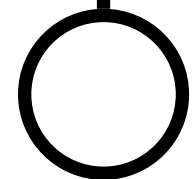
Chris joined The Light Lab as Sales Director in 2020, having previously worked with the team for 15+ years as both a client or a supplier.

Chris has been in the lighting industry for the past 22 years, since leaving Brunel University in 2000, where he studied Mechanical Engineering. Initially specialising in fibre optic lighting, Chris soon moved into other areas to expand his knowledge; always in a sales focused role but with involvement in product design and engineering challenges to satisfy his creative interests.



## Marcus Cave, Production Director

Marcus has more than 30 years of lighting design and installation experience and creative product engineering. He has been responsible for many high profile global lighting projects, including the award winning Kings Cross light tunnel, Sushi Samba, Lexington Avenue, New York & University of Arts parade ground. Working closely with top lighting designers & architects including Chapman BDS, Alma Cardzic, Nulty +, Arup & BDP.





# Testimonials

“In our design solutions for Friars Walk, we required the exterior stainless steel and glass balustrade and façades to contribute towards elevating the centre’s night-time economy. To achieve this, we adopted The Light Lab’s new technology to provide an exciting and energetic character to the centre’s public realm. Not only does it bring Friars Walk to life at night, extending the dwell time of shoppers, but it also allows for visual connectivity between the upper and lower external areas of the centre.

This ensures shoppers can easily navigate through the centre, capitalizing on the diversity of retail and leisure available.”

**Brian Tracey, Director at Leslie Jones Architecture**



“From the very early stages, the staircase played a central role in the overall design of the space. The lighting enhanced the geometry of this fantastic design by Allies and Morrison and created a seamless directionality for the visitors, staff and students.

The involvement of The Light Lab early on, ensured a good integration of the lighting into the curved handrail and a smooth installation process, despite the challenging geometry and services coordination. The final result can only leave you in awe, especially when you find yourself in the space, experiencing first-hand the playful combination of the curves with the concrete material that the warm light so beautifully highlights. It is one of the designs that our lighting team in Buro Happold is most proud of.”

**Myrto Skreta-Krikou, Associate Lighting Designer, Buro Happold**





# Testimonials

*Andrew Bissell from Cundall*, speaks of the close working relationship between the designers and the light lab, to ensure the installation ran smoothly and was completely true to the design. “Having designed such a large lighting element to fill the atrium space, we needed to be sure the design intent was retained through the construction detail and installation process. The Light Lab understand the importance of even the smallest of details and how to manage and undertake an installation of this nature. As such the client has the lighting effect originally presented along with a high quality and low maintenance product and installation.” *Broadgate Quarter, London*



“The West End Concourse at Penn Station was a large, very public, project in New York. Time was absolutely critical to meet the tight deadline set by the Governor’s office. The Light Lab executed the project on time and within budget. From a design standpoint, they understood how to translate a concept into reality from the desired lighting effect to addressing durability and maintained issues. The result is a high quality, lighting installation which has been received extremely well by the New York Public.”

*Peter Fajak – Skidmore, Owings & Merrill (Penn Station)*



# **the light lab**

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**Thank you**