

At a glance

About XAL	05	Lighting without limits
	06	Our History
	08	A Global Network
	10	Shared Passion
Competences	12	Barcelona Creative Lab <small>Gartner Interiors</small>
	16	Mechanical Development and Production <small>The Gherkin</small>
	20	Electronic Development and Production <small>MOSH Bar & Dinner</small>
	24	Quality Management <small>Lanserhof Sylt</small>
	28	Environmental Product Declaration (EPD) <small>Mads Nørgaard</small>
	32	Customised Solutions <small>Palais Schwarzenbergplatz</small>
	36	Acoustics and Light <small>E-Campus</small>
	40	Digital Solutions <small>Racing track grandstands</small>
	44	Saving Energy <small>Maria Ward school</small>

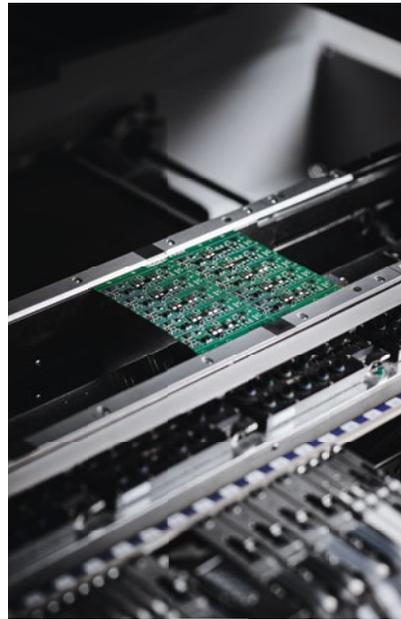
	48	LED Conversion Neunkirchen hospital
	52	Special Colours Borealis AG
	56	Planning Support Cathedral Graz
Products	60	UNICO Aertssen Group
	64	SPIO Calvin Klein
	68	MOVE IT PRO Dr. Ortlechner
	72	SASSO Land Rover Exhibition Center
Sustainability Services	76	Sustainable Lighting
	78	Your Full-Service Lighting Provider
XAL Group	80	Wever & Ducre
	84	Wästberg
	88	xilence

“We
are pushing
boundaries
to make your
visionary
ideas
become
reality.”

Lighting without limits

For more than 35 years, we have been working with architects, designers, and planners to develop unique luminaires at the cutting edge of technology that also deliver compelling style and aesthetics. We always have one goal in mind: to push the boundaries of what is technically possible to create visionary designs. Our success in this endeavour is thanks to the outstanding work of our employees in our design labs, production, and sales locations around the world. Being there for our customers on-site is fundamental to our shared success. Thanks to organisational efficiency and a high level of in-house production depth, we can respond to our customers' unique needs and continuously expand our existing product portfolio. Meeting seemingly impossible challenges is what drives and inspires us every day. From innovative concepts to lighting innovations: a path created by crossing boundaries.

Our history



1989

Founding

Andreas Hierzer lays the foundation for the corporate group xenon lights by developing innovative halogen wire and track systems in a garage. Product modularity plays a significant role.

Xenon
LIGHTS

2000

Internationalisation

After establishing the first international subsidiary in the USA, Germany, Switzerland, and Great Britain follow in quick succession – today XAL operates worldwide with 30 national subsidiaries.

2002

First product series with LED technology & market-defining innovation

Today, XAL stands for innovation and over 20 years' experience in LED technology. Before others, we recognise that LEDs shape the future of the lighting industry and, planning ahead, invest in our own electronics manufacturing at the headquarters. We launch the VELA round luminaire series. It has since become a timeless design classic.

The company name and logo change in 2004. Xenon lights become Xenon Architectural Lighting and eventually XAL.

XAL

2007

Expansion of production in Europe

To react quickly and flexibly to customer requirements, we continually invest in the expansion of production locations and technologies at our headquarters in Austria. With the establishment of XAL Slovenia and the construction of our own production hall in Murska Sobota, we take an important step towards the greatest possible in-house production depth.



2011

XALcc Opening

The focus remains on technological development: In our XAL Competence Center and certified laboratories, we pool all our expertise in-house – from development to series production – and can thus ensure the highest quality.

Wever & Ducré

becomes part of the XAL Group
Belgian brand Wever & Ducré's product range complements XAL Group's with decorative luminaires for the hotel and restaurant industry and for private homes.



2017

Establishment of BCL

The Barcelona Creative Lab is established in Europe's design capital. A team of international designers and lighting experts develops pioneering product innovations in close collaboration with the XAL Competence Center. Right at the start, UNICO is the team's unique success in terms of flexibility. The downlight offers the right solution for any requirement.

2021

Wästberg

becomes part of the XAL Group
Creating well-being through beautiful light – that is the mission of founder Magnus Wästberg. The luminaires, created by world-renowned designers such as David Chipperfield, Oki Sato-Nendo, and John Pawson, enrich the group's product portfolio.

wästberg

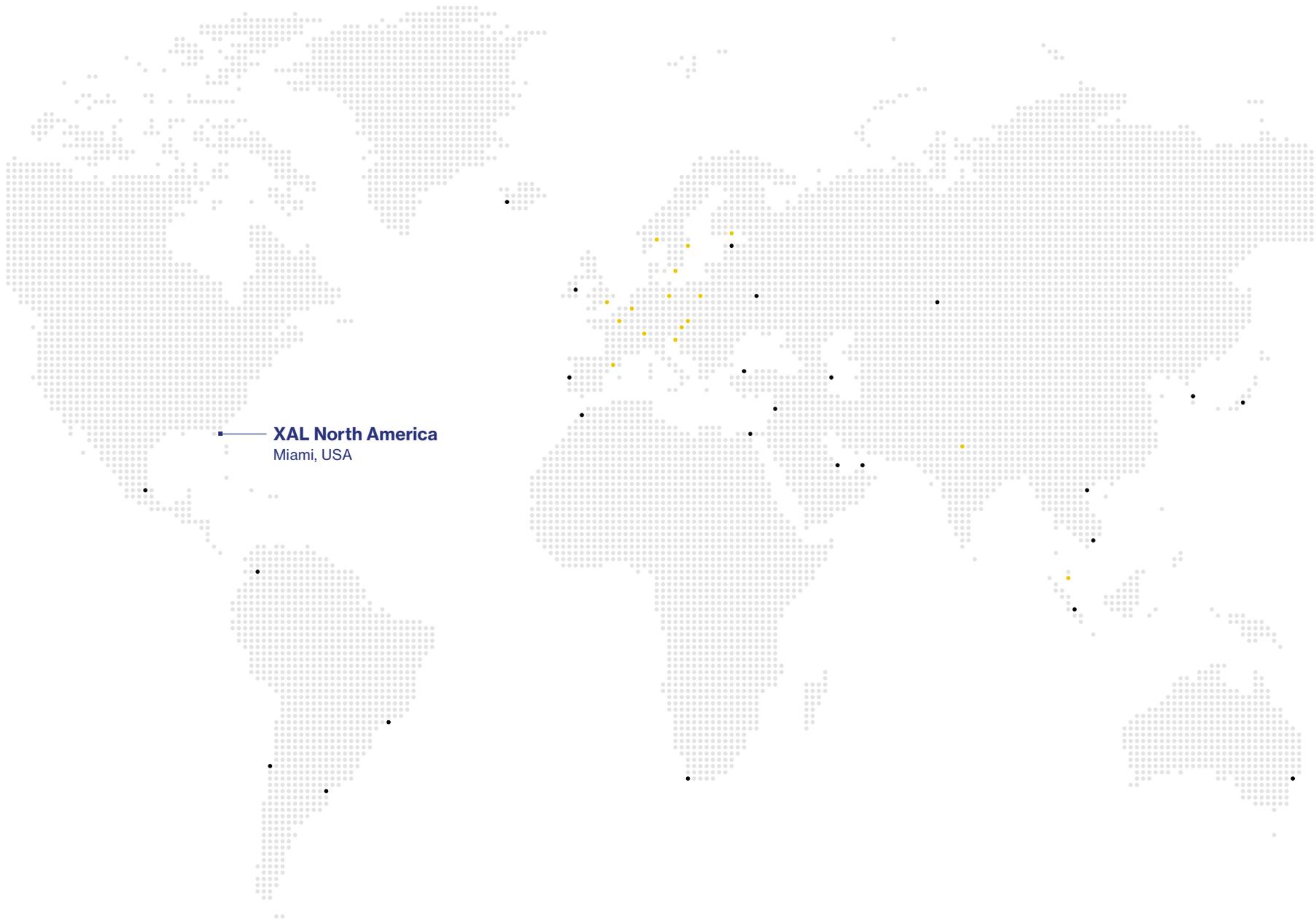
2024

xilence

becomes part of the XAL Group
With the xilence brand, we offer acoustic elements (such as wall and ceiling panels) combined with lighting and bespoke solutions in the acoustics and lighting sector.

xilence

A global network

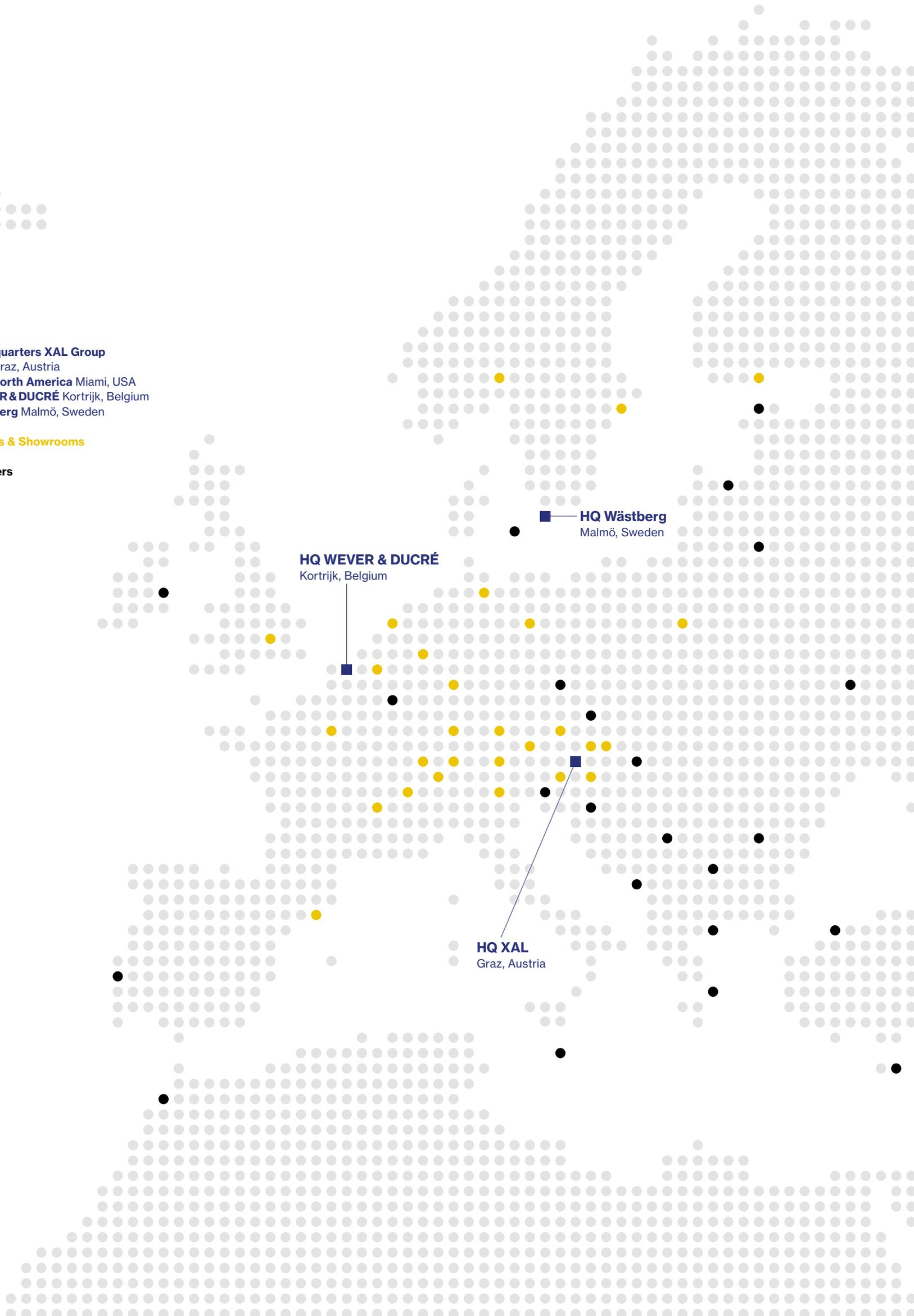


We are there for you, on-site. Our international sales offices enable us to work with lighting designers and architects all over the world. The international exchange and shared passion for light have shaped the cosmopolitan mindset that distinguishes the XAL Group. Today, we develop and produce innovative luminaires and supply our customers on five continents.

■ **Headquarters XAL Group**
XAL Graz, Austria
XAL North America Miami, USA
WEVER & DUCRÉ Kortrijk, Belgium
Wästberg Malmö, Sweden

● **Offices & Showrooms**

● **Partners**



Our shared passion: light

Our constantly growing XAL Group is where extraordinary people create outstanding lighting solutions that inspire people around the world. From Barcelona to Miami, from Sydney to Oslo – 1,500 employees work with perfection and dedication on five continents to implement our customers' visions and ideas in the highest quality. Our team are as distinctive as our brands – unique in character and style. But what unites us is our great passion for light. This passion is tangible within the team and discernible in our products. For over 35 years and in all phases of further development, our XAL Group has always been one thing above all: a diverse team, driven by the joy of creation, dynamism, and the courage to tread new paths together. With a passion for light.





Pushing the boundaries of innovative lighting

“At the Barcelona Creative Lab, we are reimagining light. Driven by our curiosity, creativity, and flexibility, we are laying the foundation for the next wave of innovations here.”

Ricard Llimos Sala, Team Leader Technical Lighting & Design



Gartner Interiors
Graz, AT – by XAL Architect



Light plays a crucial role in the design of living spaces. Every customer has their own unique style and interior designers want to offer tailor-made concepts. Concepts that harmoniously combine light and interior. For the Gartner Interiors showroom, a lighting solution was needed that would allow freedom in lighting design and transform living areas into a special place of well-being. Whether for the kitchen, dining room, gallery, living room, or bedroom – the aim was to create an aesthetic, versatile, and flexible lighting concept that would meet the different requirements in the various living areas. The solution was to be characterised by elegance and flexibility, while also offering decorative elements.

To realise such visions, our designers at the Creative Lab in Barcelona are pushing boundaries and developing innovative product solutions. This is how the particularly slim MOVE IT 10 track system was developed, combining a feel-good atmosphere with perfect light, minimalist design, and customisable options. With their passion for light, the designers created a unique selection of decorative insets, innovative connectors, and innovative adapters for MOVE IT 10. MOVE IT 10 is thus able to highlight different interior materials with structurally small spotlights with a high light output, while wall-washer insets show paintings in their true light. In addition, you can choose between the trend colours rosé, chrome, gun metal, brushed aluminium, and brushed brass for some of the insets. Different light colours and scenes create a pleasant ambience, while decorative insets catch the eye. MOVE IT 10 opens up exciting new applications for all living areas, but also wherever atmospheric and flexible lighting is required, such as in retail, hospitality, or exhibition areas.





In-house development and production

“We control every step of the development and production process. From tight bending radii to automated assembly systems, our high level of in-house production depth allows us to realise our customers’ visions quickly, flexibly, and to a high standard of quality.”

Christian Kügerl, Head of Product Development



The Gherkin

London, UK – by Foster + Partners
and lighting design by Zoe Faulkner,
Troup Bywaters + Anders





The Gherkin, designed by Foster + Partners, is a fantastic example of how light can be used to highlight a building's architecture. The dazzling glass-fronted skyscraper is one of London's most distinctive landmarks. The lighting concept was to reflect the building's structure, especially its impressive reception area, and was developed in close collaboration with lighting designer Zoe Faulkner. Lighting and architecture were to merge into one concept: bold, adaptable, timeless.

The building's circular floor plan was the starting point for the concept, which was inspired by the spiral structure that narrows towards the top. The building is the focus, and the custom lighting serves as a tool, in a sense, to showcase this iconic building. Thanks to the customised special radii in the ceiling, the lighting reflects the architecture like a mirror. Each illuminated curve in the entrance hall's ceiling is based on a FRAME profile system, exactly adapted to dimensions and angles with specific bending degrees. XAL provided an expert team for assembly and commissioning of the ceiling installation. Visitors entering the building see a homogeneous, illuminated imprint of the building's iconic structure.





The Gherkin

London, UK – by Foster + Partners
and lighting design by Zoe Faulkner,
Troup Bywaters + Anders



Rapid realisation of visions thanks to high level of in-house production depth

Mechanical development and production

Our research and development combine three disciplines: mechanical construction, lighting technology, and electronics. We develop innovative lighting solutions with the utmost precision and passion, drawing on our comprehensive expertise in all areas. From the highest quality lighting technology to the appropriate structural design, we work on our products until both our and your high standards of aesthetics, durability, and functionality are met. We produce exclusively in-house using the most up-to-date manufacturing technologies. From profile production, turning, milling, laser engraving to powder coating and final assembly – we handle every step along the value chain. This is how we ensure maximum quality control and implement your visions quickly and efficiently.



Innovative lighting control

“Our goal is to offer unique solutions, from electronics and sensor technology to lighting control. If the required electronic solution is not available on the market, we develop it ourselves.”

Gilbert Peinsipp, Head of Electronics & Innovation

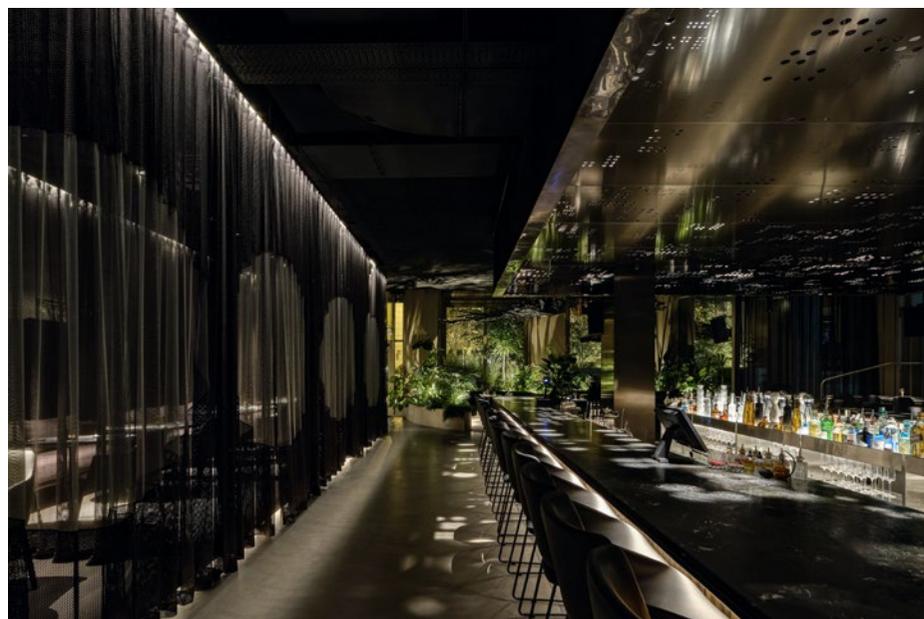


MOSH Bar & Dinner
Bucharest, RO – by INNOCAD Architecture



The interior design for MOSH Bar&Dinner in the heart of Bucharest boasts the impressive concept of a transformative space, fluidly alternating between haute cuisine, mixology, and club vibes. The concept combines hospitality, art, and design in a truly unique way. The architects at INNOCAD call it "the multitalented space" in which people experience added value that goes beyond functional and aesthetic qualities. The space is divided into a garden lounge, private dining, and an epicentre – a room-in-room concept that combines a bar, two long tables, and a DJ booth. A lighting concept is needed to create the ideal atmosphere in these different areas.

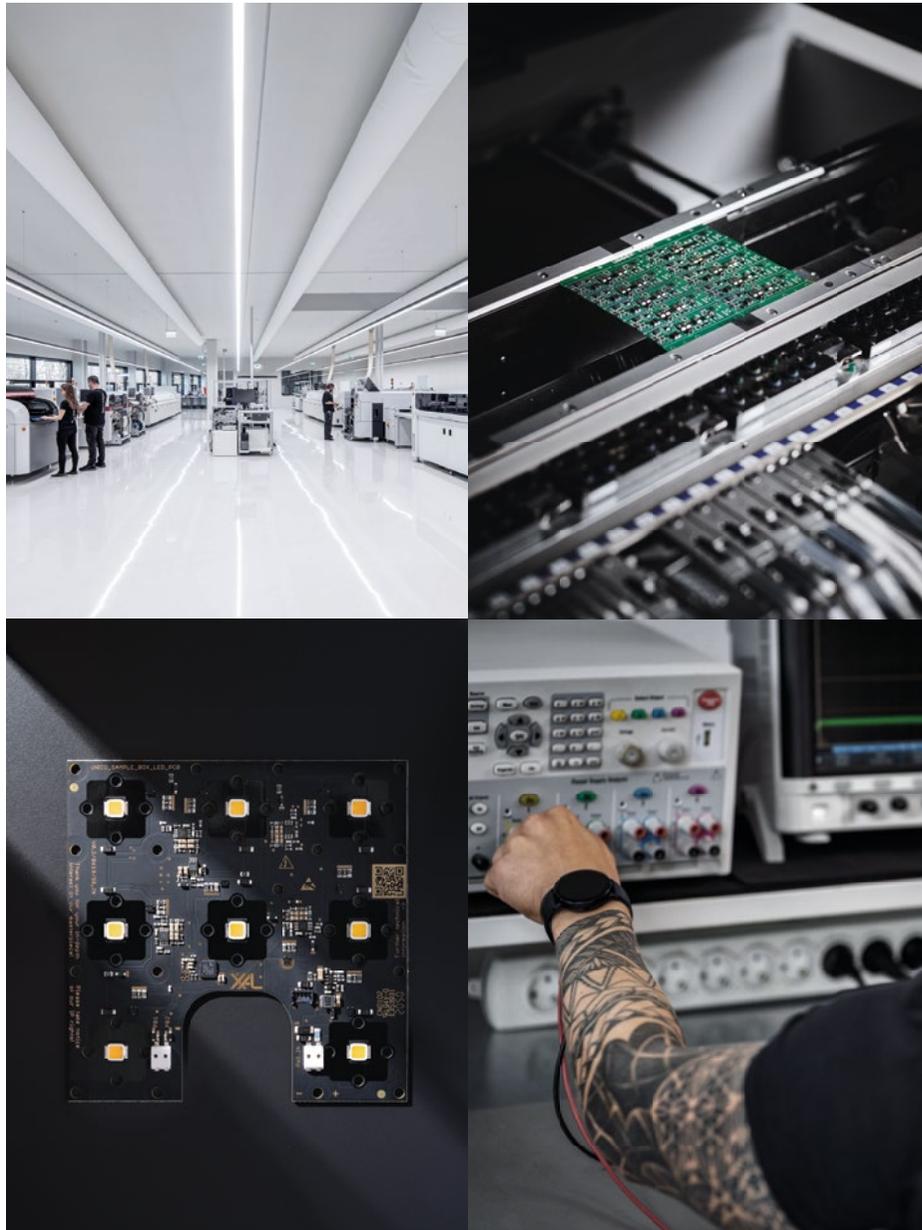
The ambience can be changed and adapted by selecting one of three different pre-programmed lighting scenes. Moreover, the slightly elevated dining area, enclosed by translucent curtains, offers privacy and exclusivity for smaller groups. The lighting's programming comprises a bright scene that focuses on the dishes on the table, a second, subdued scene for after-dinner bar time, and a party scene in which the main element is the moving light. A backlit fractal pattern with stress-reducing properties, developed in collaboration with 13&9 Design and Fractals Research, is perforated into the epicentre's suspended ceiling. Thanks to the innovative use of PABLO spotlights in combination with the perforated ceiling, an immersive lighting design with flying dots on the floor, which change over the course of the evening, is created. This lighting control concept not only creates the right mood, it also reflects the city's vibrant energy of the city and the lively conversations of the guests.





MOSH Bar & Dinner

Bucharest, RO – by INNOCAD Architecture

**The heart of the luminaire****Electronic development and production**

We develop and produce bespoke hardware and software solutions that turn our luminaires into smart lighting systems. With over 20 years of LED expertise, our own electronics production, and technologically sophisticated sensor technology, we draw on in-house expertise to create intelligent, networked lighting systems – customised and unique for your project. Our smart solutions offer precise light with outstanding beam characteristics as well as sensor-controlled luminaires that react flexibly to brightness and movement and measure CO₂ content and temperature. This data can be efficiently transmitted to your management system for sustainable, energy-efficient lighting concepts, perfectly tailored to your requirements. From ideal lighting scenes to dynamic scenarios – we work at the heart of the luminaire to realise your vision.



The highest quality – meticulously tested

“High-quality, durable luminaires are based on the highest quality standards. Extensive quality tests, from prototypes to series products, are our top priority. Tests, starting with suppliers and incoming goods, through LED assembly to the finished luminaire, ensure compliance with the highest quality standards.”

Anton Schulter, Head of Quality Management



Lanserhof Sylt

Sylt, DE – by Christoph Ingenhoven with
ingenhoven associates and lighting design
by Tropp Lighting Design





A former officers' home from the 1930s in the north-east of the island of Sylt is being transformed into a luxury health resort. Christoph Ingenhoven and ingenhoven associates realised the Lanserhof Group's new medical health resort. Nestled in the extraordinary dune landscape, Lanserhof Sylt boasts the largest thatched roof in Europe at 7,100 square metres. The careful integration of the architecture into the surrounding, protected landscape is a central aim of this project. Untreated natural materials, harmonious and sleek rooms are the building blocks of health-promoting architecture. The lighting is planned to be restrained, minimalist, and effective and realised according to the latest standards. The lighting should deliberately avoid dramatic displays and go hand in hand with the minimalist architecture, flowing forms, and subtle colours.

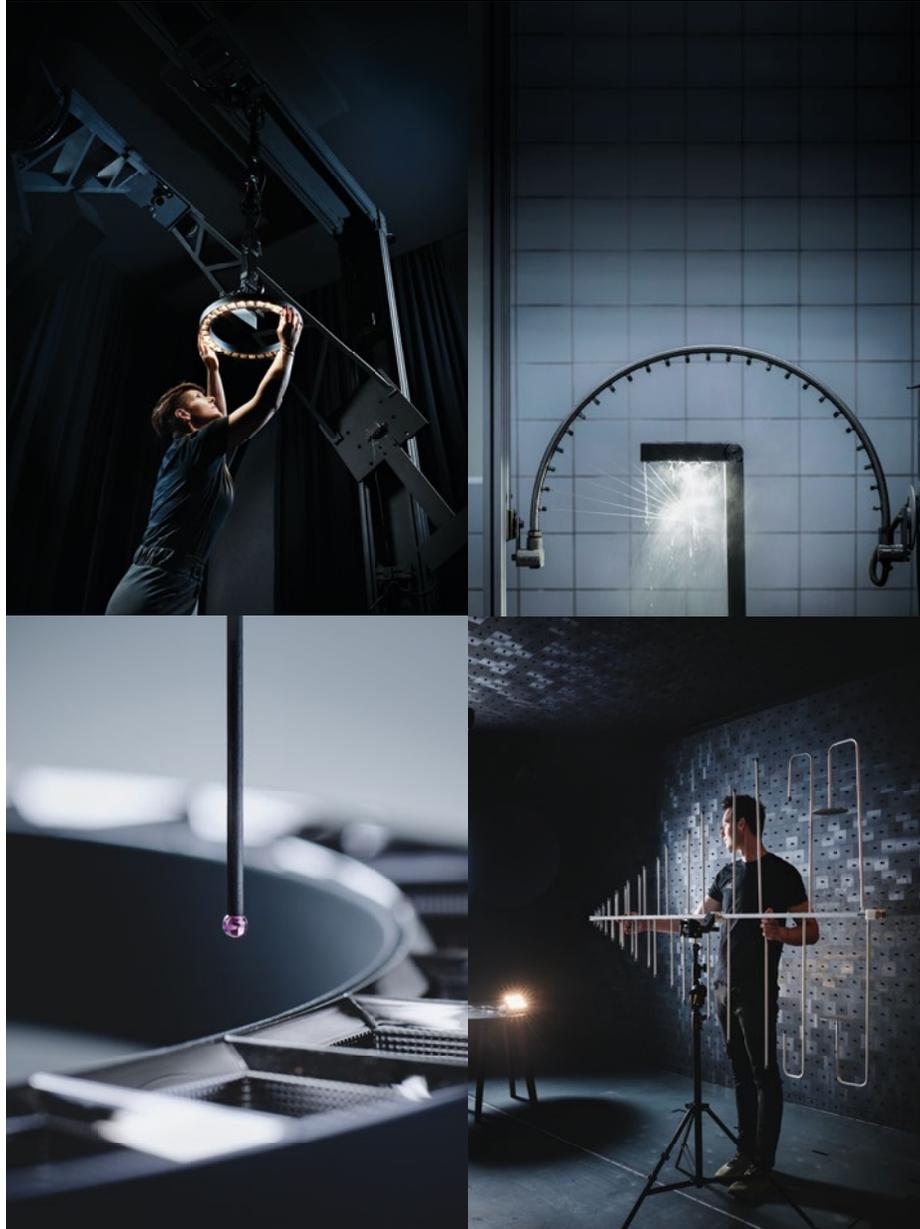
Natural daylight is the indirect element that connects the interior with the natural dune and coastal landscape. Artificial light is only used to highlight certain areas, create an ambience, and ensure functionality. SASSO blends discreetly into the architecture, creating a uniform appearance and accentuating individual room elements. Light-coloured natural materials and floors in the building reflect the light into the room and create a pleasant atmosphere. The architects chose a warm light colour of 3,000 K and very good colour rendering of RA 97. To specifically support the guests' recuperation and well-being, the light intensity can be adapted to the rooms' various functions, to the daylight, and to the guests' needs using intelligent controls, while at the same time ensuring significant energy savings. The lighting concept fulfils the Lanserhof requirements for deceleration, holistic relaxation, and recuperation.





Lanserhof Sylt

Sylt, DE – by Christoph Ingenhoven with
ingenhoven associates and lighting design
by Tropp Lighting Design

**In-house quality tests****XAL laboratories**

Our luminaires are put through their paces in our state-of-the-art XAL laboratories. Using cutting-edge technology and ISO 9001 certification, we ensure the quality of our products and their long service life. Goniophotometers are used to check whether luminous flux and light distribution fulfil the requirements. We test all our luminaires for electromagnetic compatibility in the EMC chamber. Precise measurement of the luminaires' colour temperature and efficiency is also essential. This enables us to optimise each product for its individual area of application.



Sustainability through transparency

“During product development, we consider the entire product lifecycle to offer the best lighting solution for every area of application with optimised energy efficiency and durability.”

Christian Kügerl, Head of Product Development



Mads Nørgaard
Berlin, DE – by Kirk Design with
lighting design by anker&co



Fashion brand Mads Nørgaard's German flagship store in Berlin Mitte takes a sustainable approach to interior design that combines urban elegance with flexibility. The shop space was designed and customised by Danish design company Kirk Design. In collaboration with lighting designers from Anker & Co, a lighting solution was developed to emphasise the spatial aesthetics and effectively showcase the products in the store. The various design elements combine Danish classics with industrial materials inspired by Berlin's architecture.

To implement the lighting solution for this project, the MOVE IT 45 track system in raw aluminium was customised to emphasise the urban aesthetic. The track system's grid was designed to meet the future requirements of Mads Nørgaard in Berlin while also offering a high degree of flexibility. The profile insets make adjusting the beam angle easy, allowing staff to accentuate objects as they see fit. Since the insets can be easily mounted and moved magnetically without the need for tools, the lighting can be easily redesigned to accommodate changes to the store layout. The track system also facilitates the combination of spotlights and linear light insets, as was also implemented in the Mads Nørgaard store in Berlin. An integrated sensor solution in the profile system can measure customer traffic in the store as well as parameters such as air quality, CO₂, room temperature, and daylight. This enables shop operators to precisely analyse and continuously optimise energy consumption.





Lighting solutions tailored to customer requirements

“We implement customer requirements and develop bespoke lighting solutions for every challenge, no matter how difficult. Your vision is our mission.”

Reinhard Seper, Department Head Customised Solutions



120 years after its construction, a palace on Schwarzenbergplatz, built in 1903, is being completely renovated and transformed into a unique workplace for around 200 employees of LeitnerLeitner tax consultancy and LeitnerLaw law firm. The turn-of-the-century appearance has been retained in many rooms; this was necessary because the building is listed. The architectural firm Hein was responsible for the conversion, while the interior design was provided by ARKFORM. Their aim was to make the heavy look light. Tall rooms with stucco ceilings and lots of glass now meet a modern, discreet interior. The building's highlight is the impressive state hall, which was redesigned into a cafeteria. A solution was sought for the lighting design that would both comply with the building's protected status and harmonise with the modern interior for use as a cafeteria and event space.

A special construction was developed for this room, based on a bespoke MINO 60 profile luminaire with direct and indirect light distribution. Custom JUST spotlights and UNICO downlights were integrated into the track. The entire system shines in a special gold that perfectly matches the neo-baroque decor. It extends over a length of around eleven metres and a width of five metres. The construction was attached using cable-stayed suspension fittings and hung exclusively from the four specified mounting points – in line with the requirements of the building preservation order.







Palais Schwarzenbergplatz
Vienna, AT – by Arkform



Bespoke luminaires
Customised Solutions

Our daily motivation is to meet international customer requirements and incorporate personal touches into our product innovations. Thanks to our centralised production and comprehensive in-house testing options, we can implement these solutions quickly and efficiently. Anything is possible – from custom colours and bespoke radii to sensors developed in-house or innovative spotlights. We rise to new challenges every day, embrace our customers' visions, push the boundaries of technology, and find customised solutions for a wide range of project-specific requirements.



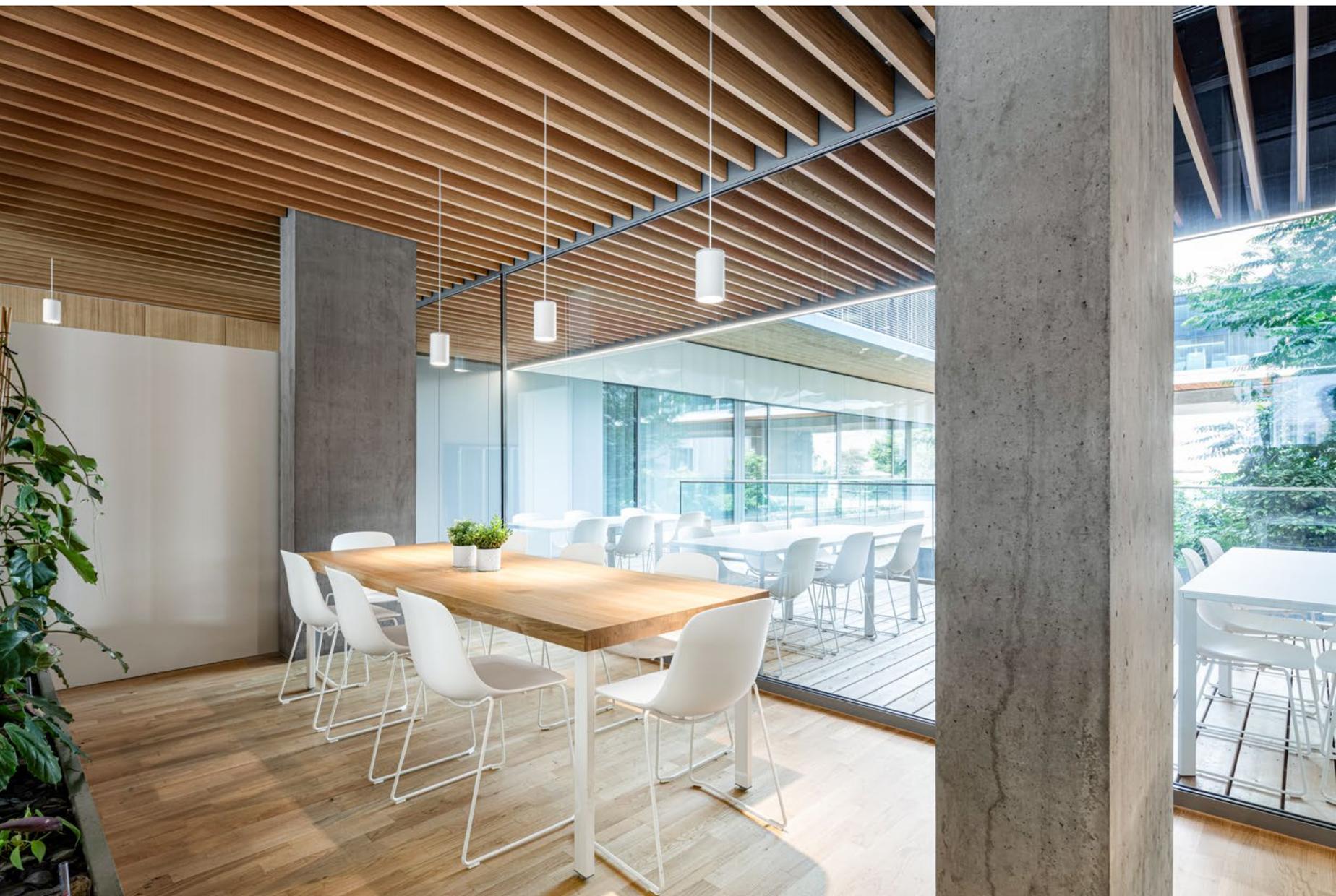
Lighting and acoustics in harmony

“We create spaces in which people feel comfortable and can work productively. That is why we aim to harmonise lighting and room acoustics in our product solutions.”

Manuel Feier, Head of Product Management



E-Campus
Graz, AT – by design studio zweithaler





Energie Steiermark's E-Campus in Graz is an impressive training centre for green energy. The canteen forms its social heart. The light-flooded room, characterised by views to the outside and a multifaceted zoning of the dining areas, is both a meeting space and a place of retreat. In the canteen, an area of lively communication, room acoustics play a decisive role. Sounds such as clattering tableware or chairs being moved are reflected by reverberant surfaces and lead to increased noise pollution. To nonetheless create a relaxing atmosphere, a baffle system that harmoniously combines acoustics and light was developed with design studio zweithaler.

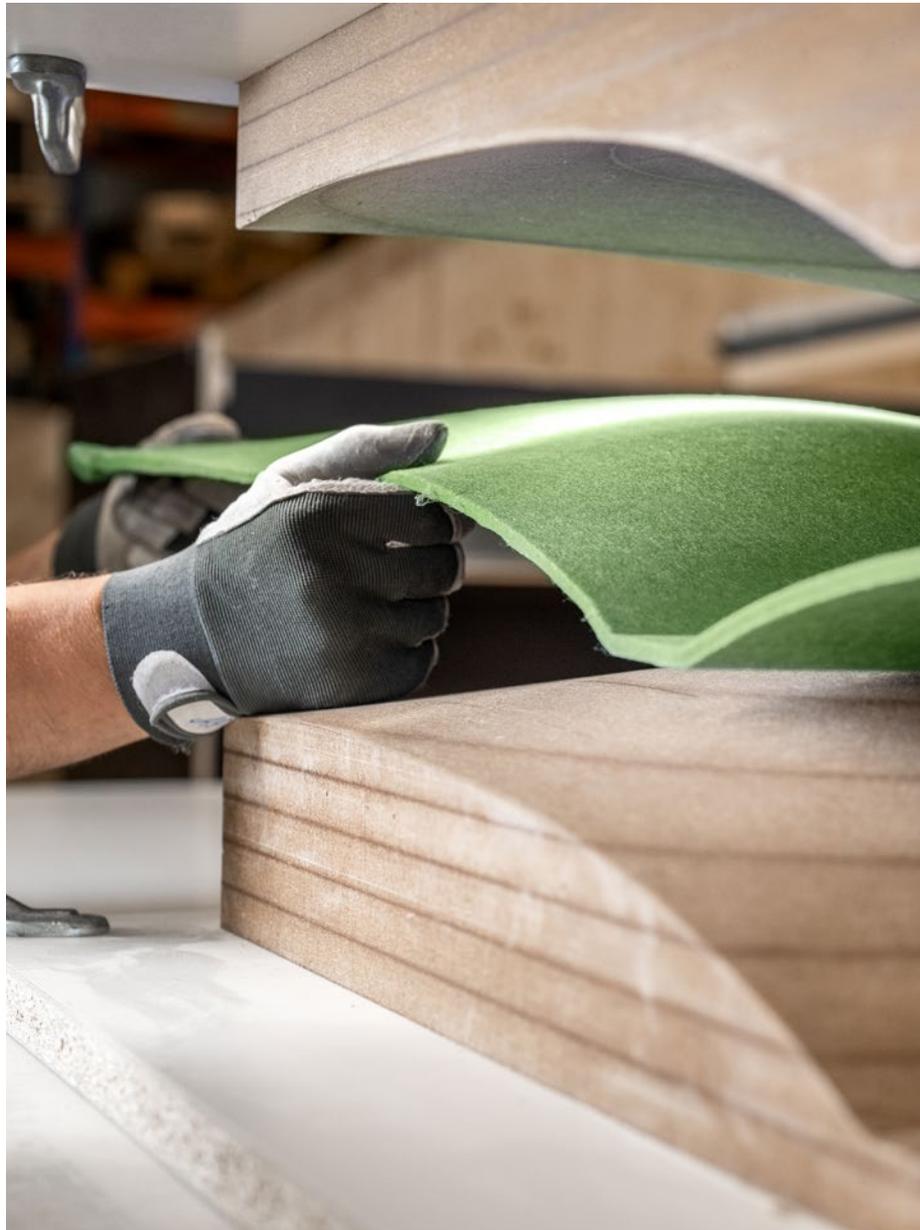
The result is a visually appealing vertical and horizontal acoustic baffle system made of high-quality materials that is mounted between suspended tracks, creating additional space for lighting: Desk-specific spotlights are suspended between two horizontal baffles, while the cable of decorative suspended luminaires can run in the shadow gap of a vertical baffle. In the serving area, the horizontal acoustic elements serve as a mounting surface for large round luminaires and merge harmoniously from the ceiling into the wall panelling, further optimising the room's acoustics.





E-Campus

Graz, AT – by design studio zweithaler

**A symbiosis of light and room acoustics
Acoustics and Light**

We design and develop highly effective acoustic elements that absorb or scatter sound, creating a noticeably pleasant acoustic environment. This increases concentration, promotes social exchange, and generates an overall sense of well-being. We produce the acoustic elements from an innovative and high-quality synthetic fleece made from recycled PET which is precisely moulded into shape. This makes our luminaires and acoustic elements a resource-efficient and environmentally friendly choice in the long term. Be it a new building or an acoustic retrofit, our room acoustics experts will support you in optimising your building. Based on your plans, we will carry out a standardised calculation of the reverberation time and improve it in a targeted manner using our acoustic solutions.



New Work with smart sensor technology

“With our smart products, we offer bespoke solutions – from light control to bespoke programming. This is how we support modern New Work concepts and create a pleasant atmosphere.”

Christopher Griessler, Department Head Digital Solutions



Racing track grandstands
Vienna, AT – by Martin Kohlbauer



The grandstands at the horse-racing track in Vienna are setting out on a new chapter in their history. The building had remained unused for over 70 years, but after three years of renovation it was converted into an office of the future. The aim was to combine innovation and tradition and to take a pioneering lead in creating modern working environments. The requirement was to develop solutions for lighting and sensor technology to implement the flexible office concept ‘Activity-Based Working’. This allows employees to choose the right workplace for their activity, with a mix of fixed workstations, flexible areas, focus workstations, and a library for focused work.

To make this concept a reality, a bespoke BETO free-standing luminaire with an integrated sensor was developed that measures light intensity, noise levels, air quality, CO₂, presence, and temperature. The recorded data can be made available to the building management system so that informed decisions can be made about controlling individual systems such as heating, air conditioning, ventilation, alarm systems and central control. At the same time, the data is transferred to the cloud, where it is analysed to draw conclusions about building use and identify optimisation potential. In addition, control lights can be used to communicate workplace occupancy or noise levels at the workplace. The intuitive helloX app by re:workX not only uses the collected data, but also incorporates social aspects. It enables employees to find free workstations, book meeting rooms, and network with colleagues, thus supporting social exchange. The result: maximum energy efficiency and workspaces where people feel comfortable.

re:workX
enlightening new spaces







Racing track grandstands

Vienna, AT – by Martin Kohlbauer

**Planning smart lighting****Digital Solutions**

Modern luminaires are becoming ever smarter. Integrated sensors let them create optimal light conditions in a room, while adapting dynamically to their environment. Numerous XAL luminaires feature integrated intelligent sensor technology. Stand-alone variants, characterised by minimalist design, are also available for retrofitting. Control your smart lighting easily and centrally. Our Digital Solutions Team programmes the lighting control system individually according to your needs and implements modern New Work approaches. The luminaires are connected to the building management system either by wire or wirelessly. The data transmitted by the sensors allows you to assess and sustainably optimise your building's energy efficiency.



Optimal energy balance through smart sensor technology

“With highly efficient LED lighting combined with intelligent sensor technology, you can reduce power consumption by up to 80% while still creating the perfect atmosphere.”

Christopher Link, Head of Application Management



Maria-Ward-School
Nürnberg, DE – by Konzeptlicht,
Gregor Sgonina





The newly built Maria Ward School in Nuremberg is an educational institution that knows no dark corners. It draws its character from the bright, daylight-flooded atrium, the continuous wayfinding system, colours, glass elements, places for retreat and exchange, plenty of room to move, and lovingly designed green spaces. The students enter an open, friendly space and feel immediately welcome. This impression is supported by the many visual references to the outside space and the direct incidence of daylight through the large skylight. There is no dark area. Either daylight or artificial light create a pleasant, friendly atmosphere. This creates an inspiring environment that motivates students to develop their full potential. The lighting designers also wanted to maximise the energy-saving potential.

Lighting designer Gregor Sgonina used luminaires in all areas that facilitate a high luminous flux with optimal light distribution and best visual comfort. The energy footprint of the CO₂-neutral school building is optimised using presence and daylight sensors, which has resulted in savings of 25 percent each. Combined, this results in an energy saving of 45 percent, achieved purely through the lighting management system. Thanks to these measures, the learning groups and public areas can be used without additional artificial light for much of the day.





Maria-Ward-School
Nürnberg, DE – by Konzeptlicht,
Gregor Sgonina



Using intelligent sensor technology

Saving energy

Full savings potentials can be exploited when modern lighting technology, professional lighting design, and intelligent lighting control form a single unit. Sensors that are almost invisibly integrated into our luminaires not only create an ideal atmosphere in a room but also facilitate long-term cost savings. Whether in offices, shops or classrooms, sensor-controlled luminaires react dynamically to their surroundings and adapt to human needs. By connecting the luminaires to the building management system, they can be controlled directly via a smart device. The transmitted data can be used to determine and sustainably optimise your building's energy balance and space utilisation.



Reducing energy costs, increasing efficiency

“By replacing old luminaires with new LED luminaires, you can reduce energy use by at least 50%. With our purpose-developed conversion kits, we facilitate a conversion that takes just a few minutes.”

Dominik Alder, Senior Lighting Specialist

Hospital
Neunkirchen, AT



Outdated lighting systems have higher energy consumption and also usually lose their lighting quality. Due to the ban on fluorescent lamps in the EU from 25 August 2023, the demand for conversion to LED is increasing. The refurbishment of the Neunkirchen hospital was intended to minimise the expense and disruption to the lighting solution and leave the external appearance of the lighting system unchanged.

For this hospital project, 260 luminaires were technologically upgraded with customised conversion kits. Only the inner components were replaced; the luminaire housing and thus the design of the round luminaires remained unchanged. The result speaks for itself. Electricity costs can be reduced by around 64 percent per month. The investment amortised after just 32 months. The service included the development of a customised conversion kit for a 1:1 replacement without major effort. Today, the hospital benefits from significant, long-term energy savings and improved lighting quality which, in turn, benefits the people: maximum well-being for patients, visitors, and staff.





Hospital
Neunkirchen, AT



Efficiently up-to-date
LED conversion

Using modern LED luminaires, you can significantly reduce your energy consumption and upgrade to LEDs with improved colour rendering. If existing lighting systems need to be brought up to the latest technological standards in accordance with national workplace regulations, XAL can support you with professional light planning. If you are already using XAL luminaires, the existing housings can continue to be used and fitted with a tested LED retrofit kit that facilitates energy savings comparable to new luminaires. This sustainable solution significantly reduces the installation effort. Both new LED luminaires and bespoke LED retrofit kits offer state-of-the-art lighting technology and pay for themselves in just a few years.



Custom colours

“We offer a vibrant colour selection that allows the greatest possible creative freedom and adapts to your design.”

Silva Kollmann, Area Sales Director

Borealis AG

Vienna, AT – by Burghardt ZT GesmbH

The design of the corporate headquarters of Borealis AG, OMV's plastics and chemicals subsidiary, was primarily aimed at creating a pleasant work environment for around 300 employees. The lighting presented a particular challenge, as only free-standing luminaires could be used because of the solid concrete ceilings. However, this was in line with the philosophy of architect Andreas Burghardt, who wanted to consciously counteract the ubiquitous 'light soup' with sophisticated lighting.

An outstanding feature of this project is the overarching colour concept for the walls and ceilings, which is based on the primary colours of light pink and light blue. SONIC free-standing luminaires, which come in a special light blue colour and have a round shape, were chosen to integrate harmoniously into the overall concept, while also meeting the prescribed standards for workplace lighting. This bespoke solution, equipped with intelligent sensors, also detects movement in the corridors and communicates this to the luminaires along the window front, creating an energy-efficient work environment. Here, productivity meets relaxation and energy efficiency. For architect Burghardt, the result is an atmosphere reminiscent of a wellness hotel – a place of relaxation and inspiration.







Borealis AG

Vienna, AT – by Burghardt ZT GesmbH

**Bold colours****Special Colours**

Colours have a decisive influence on the effect of rooms and buildings. Their role is to support and complete an architectural vision. This is why our acoustic solutions come in a wide and vibrant range of colours that allows the greatest possible creative freedom and adapts to your design. For the most popular XAL product families, you can choose between discreet Classic Colours and vibrant Trend Colours, as well as the special decorative tones of gold and bronze. The colour customisation of our luminaires and designs is one way of meeting the diverse requirements of our customers and doing the unique characteristics of each building justice.



Support at every planning stage

“We provide design expertise for projects of all sizes. Benefit from detailed lighting plans, 3D visualisations, and light calculations.”

Robert Krenn, Head of Lighting Project Solutions



The cathedral is one of the jewels in Graz's city crown, along with the castle, the old university, and the mausoleum. The challenge was to incorporate modern LED lighting in the various areas of the listed, sacred building such that it is not visible at first glance but can still be controlled in a contemporary and intelligent way. The frescoes and architectural elements are located in areas where the installation of lighting elements would also be ideal, but these must not be touched. The challenge for the lighting design was to find a solution that would create an ideal lighting situation while also integrating the lighting elements into the room.

The solution was to custom-make two types of luminaires for the historic building. We developed cylindrical suspended luminaires for the cathedral's central nave and a suspended, ring-shaped track system with a remarkable diameter of five metres for the side aisles. The five cylindrical luminaires in the central nave were fitted with MOVE IT JUST 55 and SASSO 100 spotlights. In terms of technology, the lighting solutions feature both direct and indirect components, making it possible to create the desired lighting mood for the respective liturgical celebrations. To this end, a wide range of easily activated lighting situations were programmed.







Cathedral Graz

Graz, AT – by Arch. DI Peter Grabner

**Your customised lighting solution****Planning support**

Planning a lighting system is often a complex task. Our lighting experts will support you in planning the lighting for your bespoke lighting solution. We research trends, take them further and develop bespoke concepts at the cutting edge of lighting technology, always tailored to your specific requirements and interior design. Together, we will create tailored planning examples with different options for your project.



One luminaire – 92.2 quadrillion options

“UNICO is the perfect product for lighting designers. With just one luminaire, you can create a wide variety of lighting scenarios. UNICO offers the right solution for every requirement.”

Paul Fraissler, Managing Director



Aertssen Group
Beveren, BE – by Mertens Architecten
with lighting design by Eef Debeuf



Perfect, powerful light for the new Aertssen Group headquarters in Belgium – implemented with just one luminaire that remains almost invisible. Nothing was to distract from the building's special, unique shape and no luminaire was to be visible through the transparent façade. In addition, the interior designer wanted to use the same luminaire to create a sense of unity between the areas on the different floors. The luminaire was to be as small as possible, have an understated design and yet meet the requirements for the highest light quality in a modern office environment.

The chosen UNICO downlight is as unique as the building itself. Thanks to the various shapes, light insets, sensors, and control options, it meets all the requirements of the lighting concept: Sleek and understated in design and so powerful that UNICO was used for the different office and meeting rooms, for the lounge zones, and for the entrance area, whose height is over five metres, thanks to its individual configurability. The square version with nine highly glare-reduced light insets (UGR < 19) was installed above the desks. UNICO thus blends harmoniously into the headquarters' architecture, remains discreet in the rooms, and ensures uniform, high-quality lighting in all areas.





Aertssen Group
 Beveren, BE – by Mertens Architecten
 with lighting design by Eef Debeuf



Designing bespoke light

UNICO

UNICO offers unique flexibility. The downlight provides the right solution for every requirement. With three mounting options, seven shapes, eleven light insets, two sensors, four colour temperatures (including dynamic Tunable White), four product colours, and two control options, UNICO facilitates bespoke solutions for light planners and architects. Each variant can be combined with any of the other versions – conveniently online with the intuitive UNICO configurator. The latest micro-faceted reflector technology ensures clearly defined contrasts while maximising efficiency. There have never been more creative options in professional lighting design from just a single luminaire.



Almost invisible – maximum effect

“Hidden and yet impactful. SPIO skilfully showcases objects while remaining almost invisible – for a seamless, minimalist overall impression.”

Thomas Szurok, Director Global Key Account Management



American PVH subsidiary Calvin Klein's new store has been equipped with the new Chalk design concept and offers an impressive brand experience right on one of the world's most famous fashion streets: the Champs-Élysées in Paris. Boasting 600 square metres over three floors, the shop establishes the Calvin Klein brand in the heart of the city and presents its entire lifestyle range to customers. The flagship's façade integrates the location's original stone. Large, bright windows flood the space with natural light, inviting customers and passers-by alike to explore the carefully curated shop environment in which the brand's unique vision takes centre stage. Each floor provides a purist backdrop for the presentation of the latest collection. The store is designed to provide an upscale setting for unique seasonal experience concepts.

SPIO emphasises the modern, minimalist, and sensual store design and creates a unique customer experience through the effective yet understated lighting. The chosen lighting accentuates the contemporary surfaces and monochrome colour palettes. Inviting fitting rooms with wooden accents and textured carpets as well as the soft lighting create a pleasant and sophisticated ambience. The flagship store on the Champs-Élysées epitomises everything Calvin Klein stands for, creating an environment that inspires and encourages customers to experience the Calvin Klein lifestyle – not only through its products, but also through its aesthetics.



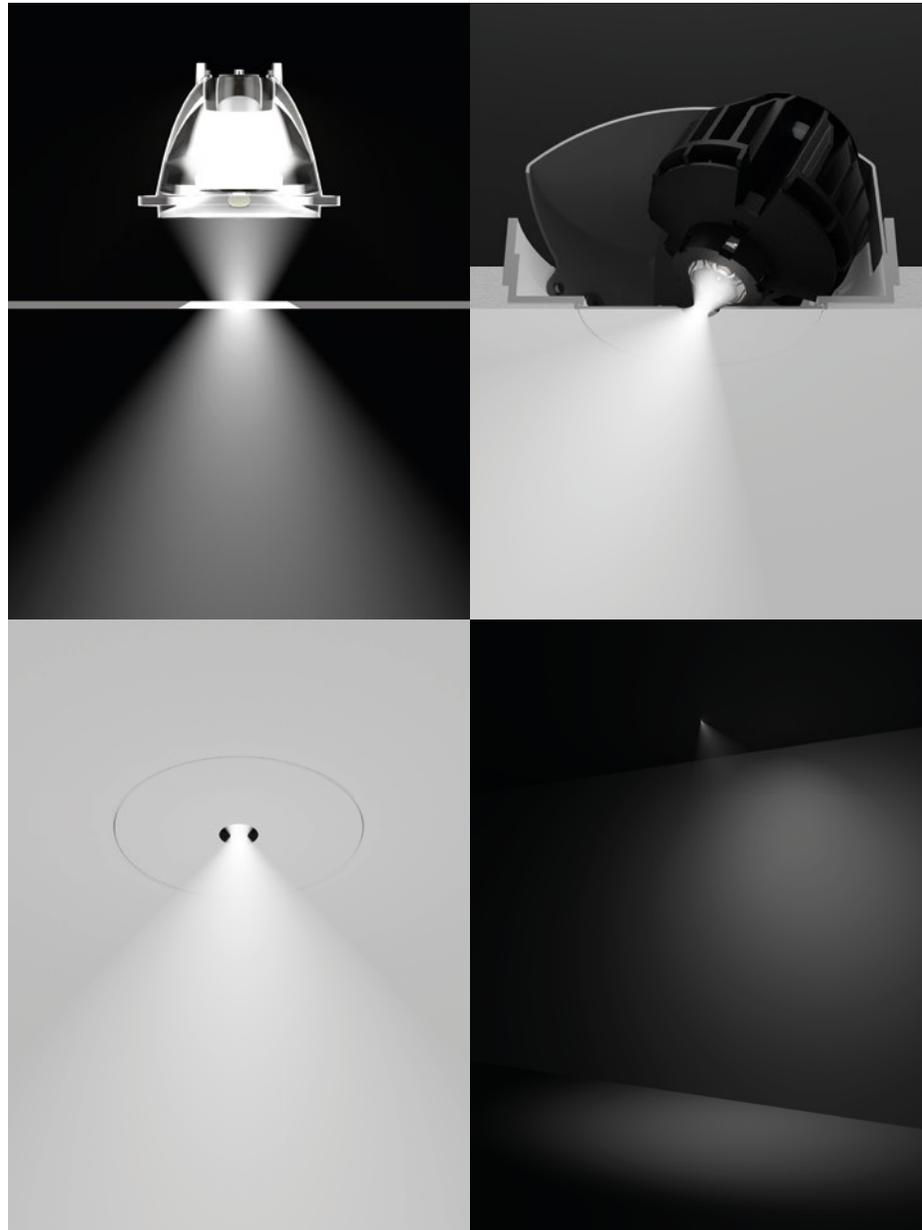
Calvin Klein
Paris, FR – by Hyphen with interior design
by Calvin Klein Concept Team and
lighting design by Mindseye Lighting





Calvin Klein

Paris, FR – by Hyphen with interior design
by Calvin Klein Concept Team and
lighting design by Mindseye Lighting



Almost invisible
SPIO

The round, recessed SPIO spotlight provides unique lighting in your rooms. Rimless or with a surrounding rim, it creates an impressive lighting effect. The housing can simply be painted over, allowing the spotlight to blend seamlessly into the ceiling. Thanks to its small light-emitting aperture of 10 mm, SPIO itself remains almost hidden – but its effective and calm overall impression is anything but invisible. The round recessed spotlight is available in two beam angles, 35° or 44°. SPIO 60 adjustable can be rotated 360° in its housing. The wall washer floor optic for SPIO 20 additionally creates a soft, homogeneous wall and floor illumination. Versatile room design thanks to clever and discreet lighting options: That is SPIO.



One system All spaces No limits

“As a design-orientated high-voltage track system, MOVE IT PRO opens up limitless design options for creating arrangements tailored to the space and architecture.”

Martin Müller, Team Leader Product Management



Dr. Kerstin Ortlehner
Vienna, AT – by Studio Riebenbauer





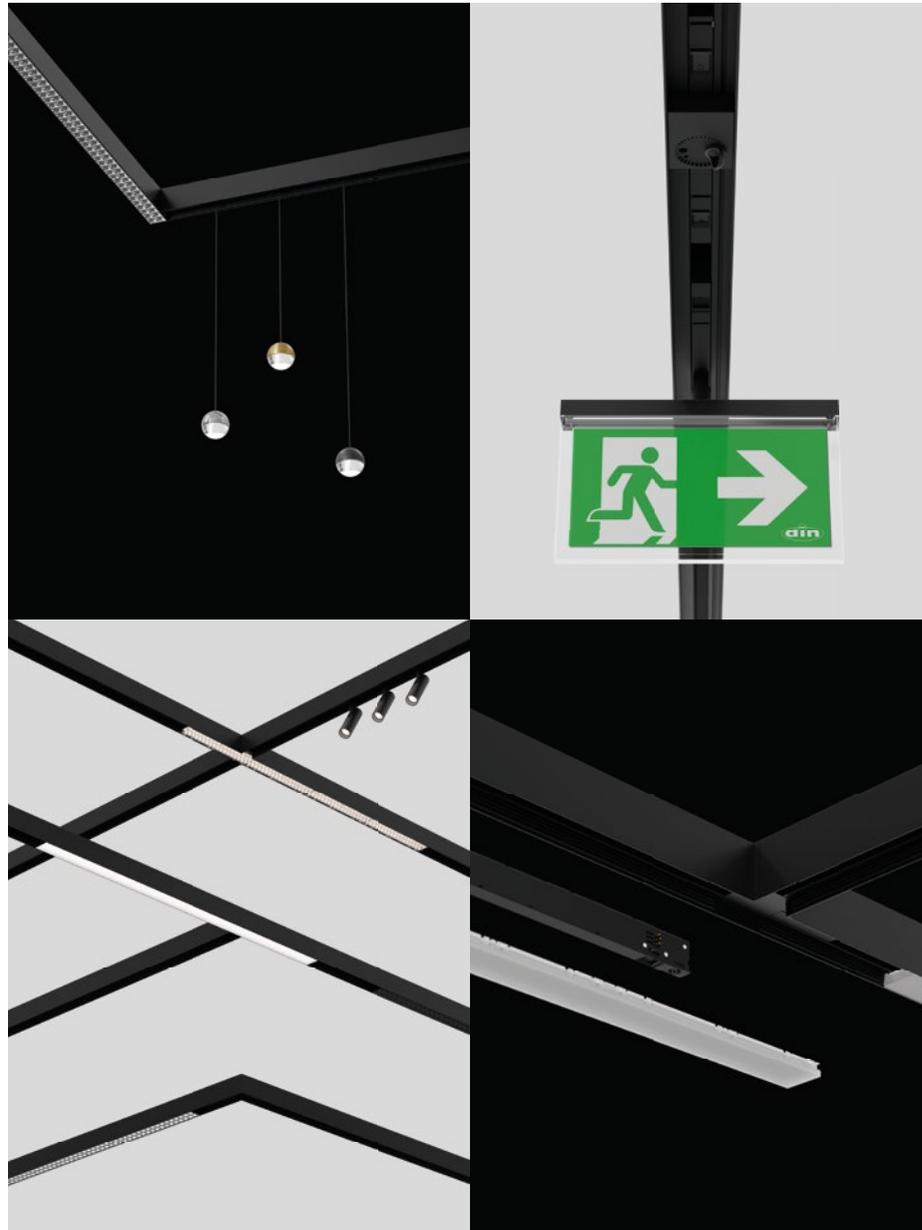
An old church in Vienna's 7th district. An extraordinary property – and a unique opportunity. Dr Kerstin Ortlechner, an internationally renowned dermatologist from Vienna, was looking for a new surgery and was immediately impressed by the sacred aesthetics of the space. Together with Studio Riebenbauer Vienna Los Angeles, a design was created that preserves the sacred aesthetic but contrasts it with a futuristic and minimalist room concept. From the outset, the aim was to create a surgery that would set new global standards and attract international attention in the architecture and design environment – for its design language, spatial concept, and also its illumination. The aesthetics were to be minimalist, with light grey walls, polished aluminium surfaces and mirrors, and the entrance was to be accentuated by LED luminaires. In the centre of the sacred nave, two mirrored boxes were designed to act as treatment rooms. A former confessional was converted into a beauty room. Extensive renovation work, including new skylights and a large sliding glass door, was necessary to make the building, originally built in 1860, fit for use as a surgery.

The lighting posed a very special challenge: While the decorative luminaires from Studio Riebenbauer's own SR-Products brand functioned as a visible part of the design, the XAL luminaires were to remain subtly in the background and create the right mood for the space. Sacred and futuristic. Thanks to the architectural conditions, it was necessary to use suspended luminaires. Using MOVE IT PRO, the character was preserved and the church nave's open space was left largely unchanged. In the treatment rooms, on the other hand, perfect lighting had to be guaranteed. The result is a bold and internationally unique spatial design. A surgery unlike any other in the world.





Dr. Kerstin Ortlechner
Vienna, AT – by Studio Riebenbauer



One system for all applications

MOVE IT PRO

The versatile MOVE IT PRO high-voltage track system offers limitless design freedom. This 3-phase DALI track offers two separate emergency lighting circuits. Sensor technology and flexible indirect light insets facilitate a holistic solution without having to compromise on design. The tool-free installation and wide range of linear luminaire insets and spotlights provide creative freedom in the design of offices, restaurants, shops, educational facilities, and public spaces. The combination of high-quality, efficient optics and the latest converter technologies results in excellent efficiency (up to 190 lm/W) and ideal glare-free light distribution.



A unique brand experience

“The precision of our spotlights creates an atmosphere that welcomes visitors, guides them visually, leaves an impression, and reflects a brand’s modern-luxury strategy.”

Javier Nieto, Managing Director

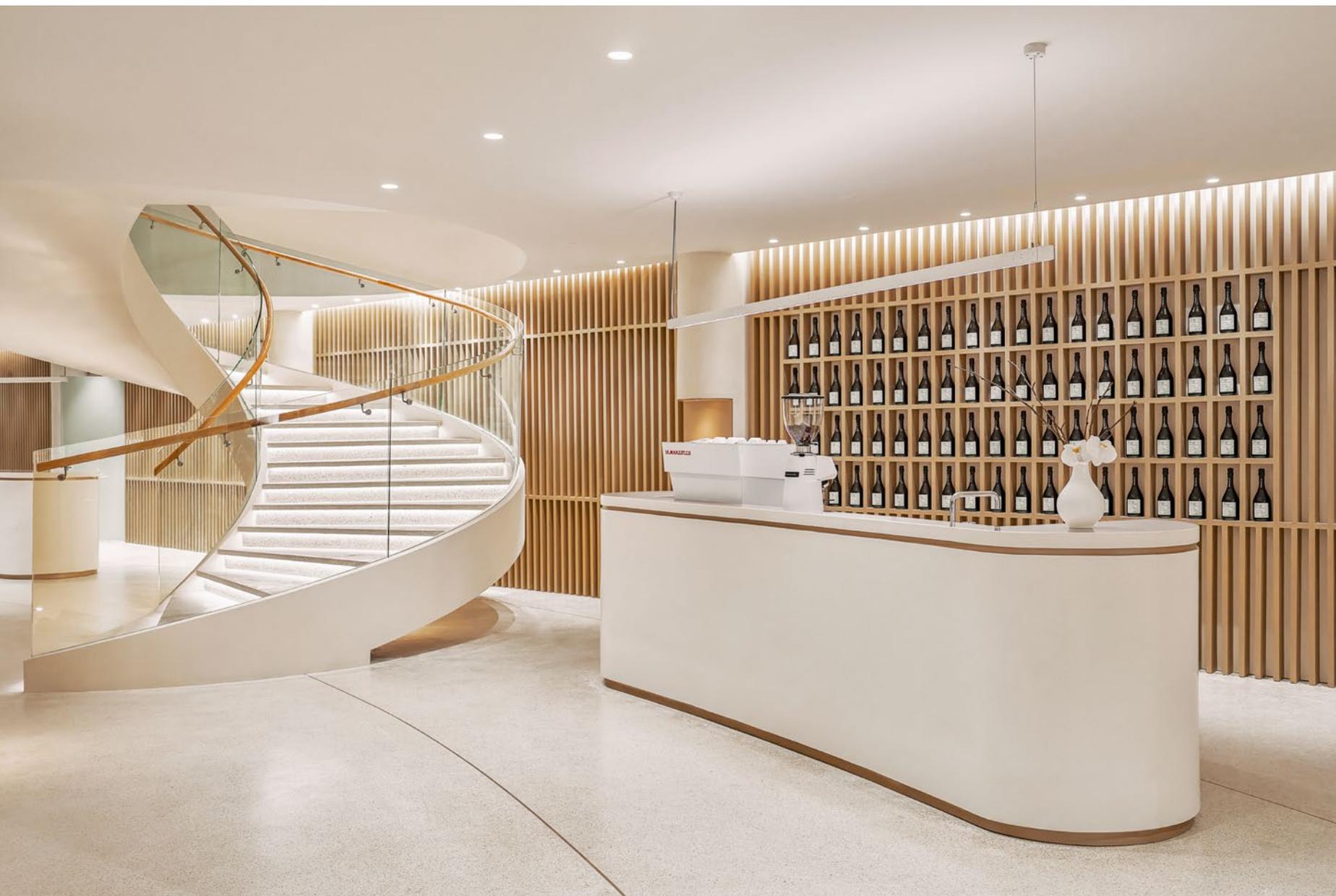


Land Rover Exhibition Center
Hanoi, VN – by Studio Hagger and
lighting design by kobi lighting studio



For the world's first Jaguar Land Rover showroom dedicated to Modern Luxury in Hanoi, kobi lighting studio redefined this concept through light, leading the project with a distinctive vision. In collaboration with Pon Phu Thai Mobility and James Hagger, the lighting design seamlessly reflects Jaguar and Land Rover's commitment to quality, sustainability, and innovation. Targeted lighting was designed to create an atmosphere that welcomes, guides, and impresses visitors through the space – while setting a new benchmark for luxury in automotive retail.

To achieve this, kobi lighting studio has challenged conventional norms to create a unique customer experience. The lighting concept is based on two pillars: The first is architectural in nature, with a flow of light that dynamically defines and shapes the space. The second is product-related, with lighting that subtly emphasises the sporty curves, intricate details, and unique signature of each Jaguar Land Rover vehicle. The use of SASSO spotlights has achieved an ideal result for both pillars. The approach aims to change the automotive status quo by placing the brand at the centre of a human-centric, emotionally engaging journey. Sustainability and efficiency also take centre stage. The glass façade, which lets in generous amounts of natural light, allows energy to be saved and the carefully planned lighting solution with colour warm dimming helps to maximise the visual impact. Every day, the showroom comes to life in a symphony of lights.





Land Rover Exhibition Center
Hanoi, VN – by Studio Hagger and
lighting design by kobi lighting studio



Unique radiance

SASSO

The product family offers a wide range of shapes and colour variants to create the ideal atmosphere depending on the application – be it for showrooms, restaurants, bars, hotel rooms, or stairwells. Direct lighting is provided by downlights with different beam angles. Wallwasher and wall-floor optics provide uniform wall and floor illumination, while SASSO adjustable skilfully sets the scene for highlights in the room. SASSO adapts flexibly to your specific designs and colour preferences. Create different lighting moods with colour warm dimming, optimise the ambience, or improve energy efficiency through the use of sensors.



Sustainable lighting

“As the XAL Group, we want to make a contribution to achieving the Paris climate targets and are committed to the Science-Based Targets initiative (SBTi).”

Martin Dlaska, Managing Director XAL Holding GmbH



Our efforts for a sustainable future

Our goal is clear: We want to reduce our emissions – based on scientific findings and quickly enough to make our contribution to achieving the Paris climate targets. We consider both the emissions directly attributable to the XAL Group (Scope 1 and 2) and the emissions that arise upstream and downstream in the supply chain (Scope 3). In addition to emissions that can be directly influenced, such as fuel, heating, cooling, and electricity, the most important categories are emissions that arise during our products' production (purchased materials) and use (electricity required for operation). We have further emphasised this goal with our commitment to the Science-Based Targets initiative (SBTi) and are now preparing to validate our quantitative targets.

We regularly have our corporate social responsibility evaluated holistically by EcoVadis. In 2024, XAL GmbH in Graz was awarded the Platinum Medal. The platinum level is only awarded to the top 1% of companies.



The most important production sites (including the headquarters) have had an externally accredited management system for quality (ISO 9001), environment (ISO 14001), and health and safety (ISO 45001) since 2015 and 2019 respectively. In 2020, we joined the UN Global Compact Initiative, whose principles guide our relationships with each other and our stakeholders, our supply chain management, and our resource strategies. Through our activities, we have already contributed to eight of the 17 SDGs – including our measures on climate protection, training, and health and safety in the workplace.

Your full-service lighting provider



XAL guarantee

With the XAL 5-year guarantee, we voluntarily offer you a manufacturer's guarantee in accordance with the applicable guarantee conditions. We also offer project-related guarantee extensions by individual agreement.



Planning data

With our planning aids ranging from Revit BIM, pCon, and ABK building data to the image gallery, we offer you a wide array of digital room planning and digitisation tools. These include 3D product configurations, GLDF files, and all relevant technical data for the luminaires (IES, LTD, ROLF, ULD, DWG-2D/3D). In addition, we offer EPDs and services that provide you with comprehensive product information and simplify your work with XAL luminaires.



pCon **bimobject**





Planning support

Our lighting experts support you with lighting planning for projects of all sizes, including detailed lighting plans, CAD plans, 3D visualisations, and lighting calculations. Our services also include compliance with budget, certification, and standardisation requirements. On request, we also coordinate the installation and commissioning of your lighting system. You can rely on XAL as a dynamic and reliable project partner who will support you at the highest level.



Digital solutions

Modern, sensor-controlled lighting solutions ensure not only ideal light, but also provide you with valuable insights into your building utilisation. The advantages are well known, but a frequent challenge remains: Where to install the additional sensor technology and who offers the expertise for intelligent control? We offer a wide range of luminaires with almost invisibly integrated sensor technology. This saves you cabling and additional installation work. Our digital service experts will support you with customised planning to help you maximise the full potential of a controllable lighting system for your purposes. Whether you want to sustainably reduce your energy consumption, provide a healthy work atmosphere, or create dynamic lighting sequences: We take care of programming all luminaires, allowing you to manage them centrally and easily: either in your existing building management system, or in a new application.



FROM BELGIUM WITH LOVE



Exciting Belgian design lighting for everyone, delivered fast

“For 40 years, we have been coming up with fresh ideas to develop state-of-the-art luminaires that inspire with their extraordinary designs. And all delivered super-fast from Belgium at affordable prices.”

Johan De Smedt, Managing Director Wever & Durcé

We all know the common glance at the ceiling, thinking: “Well, everyone has that luminaire.” That is why we fight for lighting solutions that are one thing above all: unique. Where do we get our inspiration from? From people like you, who share our enthusiasm for beautiful things and value elegant design just as much as high-quality workmanship. Sounds passionate? Indeed, it is. Because life is just too short for boring luminaires.

FROM BELGIUM WITH LOVE

Every story needs a beginning. Ours starts in the early eighties, when a handful of young Belgians decided to found a new lighting company. So far, so good. But what should the company's name be? As Belgium has several official languages, including Flemish and French, there was only one option: the name had to be phonetically at home in both worlds. Then, by chance, the company founders came across a document: a small guide to a successful life. Its advice: hard work (WERklust), trust (VERtrouwen), enthusiasm (ENthousiasme), coupled with courage (DUrf) and a healthy dose of creativity (CREativiteit). These five points still form our company philosophy today.

life is
too short
for boring
lighting



WEVER & DUCRÉ
LIGHTING



Just what you've been looking for

Whether you want to set creative accents or give entire interiors a uniform design language, our modern LED luminaires give you all the options. And it's all so easy. After all, they adapt to your needs when it comes to shape, colour, and size, and are also completely flexible with regard to installation.



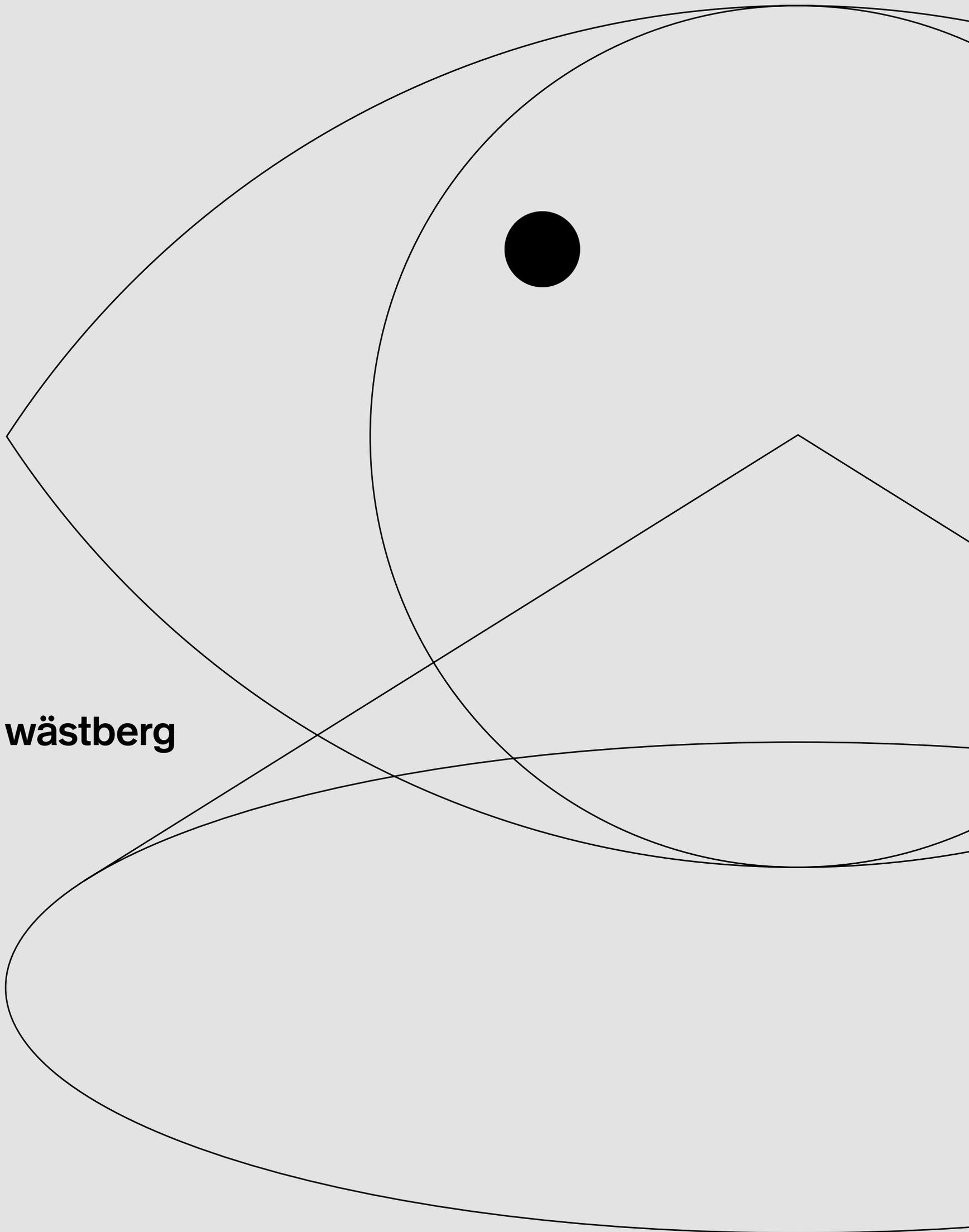


Makes your heart beat faster

Don't worry, this can soon happen with our extraordinary designs. After all, we love to surprise you with new shapes, colours, and materials and to create luminaires that are so much more than a simple light source. How do we accomplish this? With plenty of exciting collaborations and a team of international architects, artists, and in-house designers that make each of our luminaires truly unique.

weverducre.com





wästberg

One eye sees, the other feels

“Good light cannot rely on measurable qualities alone. There are other, immeasurable qualities that are equally essential. Qualities that speak to our human nature, our emotions, and our needs.”

Magnus Wästberg, Founder

Our aim is to create well-being through light. In close collaboration with leading architects and designers, Wästberg creates innovative, durable, environmentally conscious lighting that can be produced economically. Lighting that meets fundamental human needs, both physical and emotional, and adapts to these needs as they evolve and shift.

In our 2008 manifesto, “Lamps for Neanderthal Man”, we pointed out man’s primitive connection to light which originates from our relationship with fire. For over a million years, fire was our only light source. It frightened off wild animals, brought us together, kept us warm and protected us. Above all, it gave us light that we could carry with us and that we could control.

Technology and innovation are at the heart of what we do and are crucial to providing good light. However, we understand that what is technically possible is not always what people need. To us, true innovation means making the effort to find the best possible balance of the measurable and the immeasurable.





The solution to human problems

We believe in the creation of 'modern fires'. We believe that light should shine for us and not on us. We also believe that light is an answer to our most fundamental human needs. The need to see, to read or write, but also to reflect, to imagine, or to dream. The need to be part of a community, but also to retreat to a private, familiar environment.

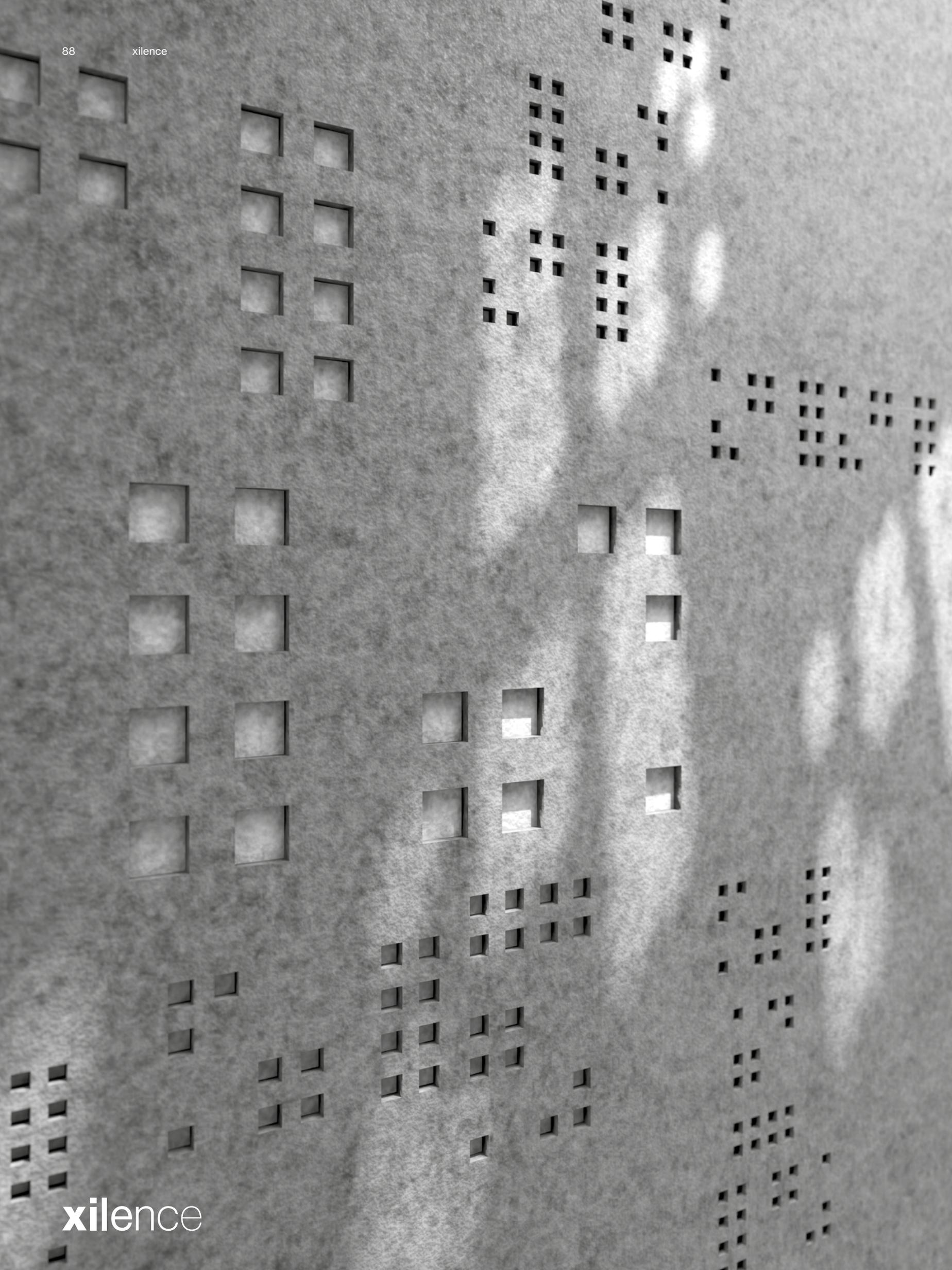




Wästberg was founded in 2008 by Magnus Wästberg in Helsingborg, Sweden. Throughout the years, Wästberg has established long-lasting collaborations with leading architects and designers such as Ilse Crawford, David Chipperfield, Claesson Koivisto Rune, and Dirk Winkel.

wastberg.com





The power of silence

“With our xilence products, we want to combine unique design, work-friendly light and efficient sound insulation in one application.”

Manuel Feier, Head of Product Management

A quiet environment is a basic human need. Yet we are usually exposed to a cacophony from morning to night – from the alarm clock to the buzz of conversation in modern open-plan offices. At the workplace, the quality of the room acoustics is cited as one of the most important factors for well-being. Studies have shown that the acoustics of a room influence both productivity and the general quality of interaction and health.

Our goal is to create spaces where people feel relaxed, safe, and productive. This is why we have developed a product portfolio that harmoniously combines lighting and room acoustics. Acoustic lighting crafts ideal light conditions and a balanced acoustic environment that enhances concentration, promotes social interaction, and creates a sense of well-being.





Designed for silence

Combining highly efficient acoustic elements with high-quality, effective luminaires is unique in this form. Both the appealing, modern design of the sound absorbers and the integrated, technologically cutting-edge luminaires reflect XAL Group's leading position and the new xilence brand's place in the high-end market.





Design rooms where lighting and room acoustics are perfectly matched. This creates a naturally pleasant atmosphere that promotes both well-being and concentration. By combining different products as you wish, you can create your own unique solution: from complete 2-in-1 acoustic luminaires, products that can be easily extended without the need for tools, or the strategic use of freely suspended acoustic elements – all in the matching design.

Whether you are building a new structure or acoustically retrofitting an existing one, our room acoustics experts can help you with the optimisation. Based on your plans, we will carry out a standardised calculation of the reverberation time and improve it using XAL's acoustic solutions. Our focus is on creating an atmosphere in every room that is appropriate for its use and pleasant for those who use it.

xilence.xal.com



On a personal note

We have made it our business to develop projects in dialogue with architects and planners, to perfect them and make them unique.

We see ourselves as your partner. From lighting design to the right product selection and from control to commissioning and maintenance, we are at your side at all stages of your project. Let us realise your next project together – we look forward to hearing from you: office@xal.com

XAL Headquarters

XAL GmbH
Auer-Welsbach-Gasse 36
8055 Graz
AUSTRIA
T +43.316.3170
office@xal.com

All locations at:
[xal.com/find-location](https://www.xal.com/find-location)



Photographers' index

Michael Königshofer (p. 6–7 | 15 | 23 | 27 | 35 | 59 | 63 | 76 | 78–79 | 90–91),
Elisabeth Mörz (p. 6 | 19 | 23 | 39 | 79), Miloš Martinović (p. 7), Miquel Llonch (p. 7),
Simon Menges (p. 7 | 86–87), Kurt Kuball (p. 7 | 12–14 | 32–34 | 36–38 | 40–42 |
48–50 | 52–54 | 56–58), Tim Ertl (p. 10–11), Mirza Kahriman (p. 10), Hannes Otté
(p. 10–11), Stella Kager (p. 10–11), Luca Tribondeau (p. 11), Andy Perkins & Nigel
Young / Foster + Partners (p. 16–18), Paul Ott (p. 20–22), HGEsch (p. 24–26), Alex
Otto (p. 28–30), Linus Lintner (p. 44–46), Kris Dekeijser & photojoris (p. 60–62),
Miguel Jiménez (p. 64–66), Julius Hirtzberger (p. 68–70), Jaguar Land Rover (JLR)
(p. 72–74), Chang Sung Wah (p. 80), Guido Salvatore (p. 82–83), Denise Zwijnen
Photography (p. 83), Kris Dekeijser (p. 83), Markus Linderoth (p. 85), CROCE &
WIR (p. 89), Tõnu Tunnel (p. 91)

Legal information

The information in this catalogue is correct at the time of going to press, is non-binding, and is intended for information purposes only. We do not accept liability for any product that deviates from images or information. We reserve the right to make changes to our products at any time. All orders are accepted exclusively in accordance with our General Terms and Conditions of Business and Delivery, which can be viewed at www.xal.com, in the currently valid version.

