

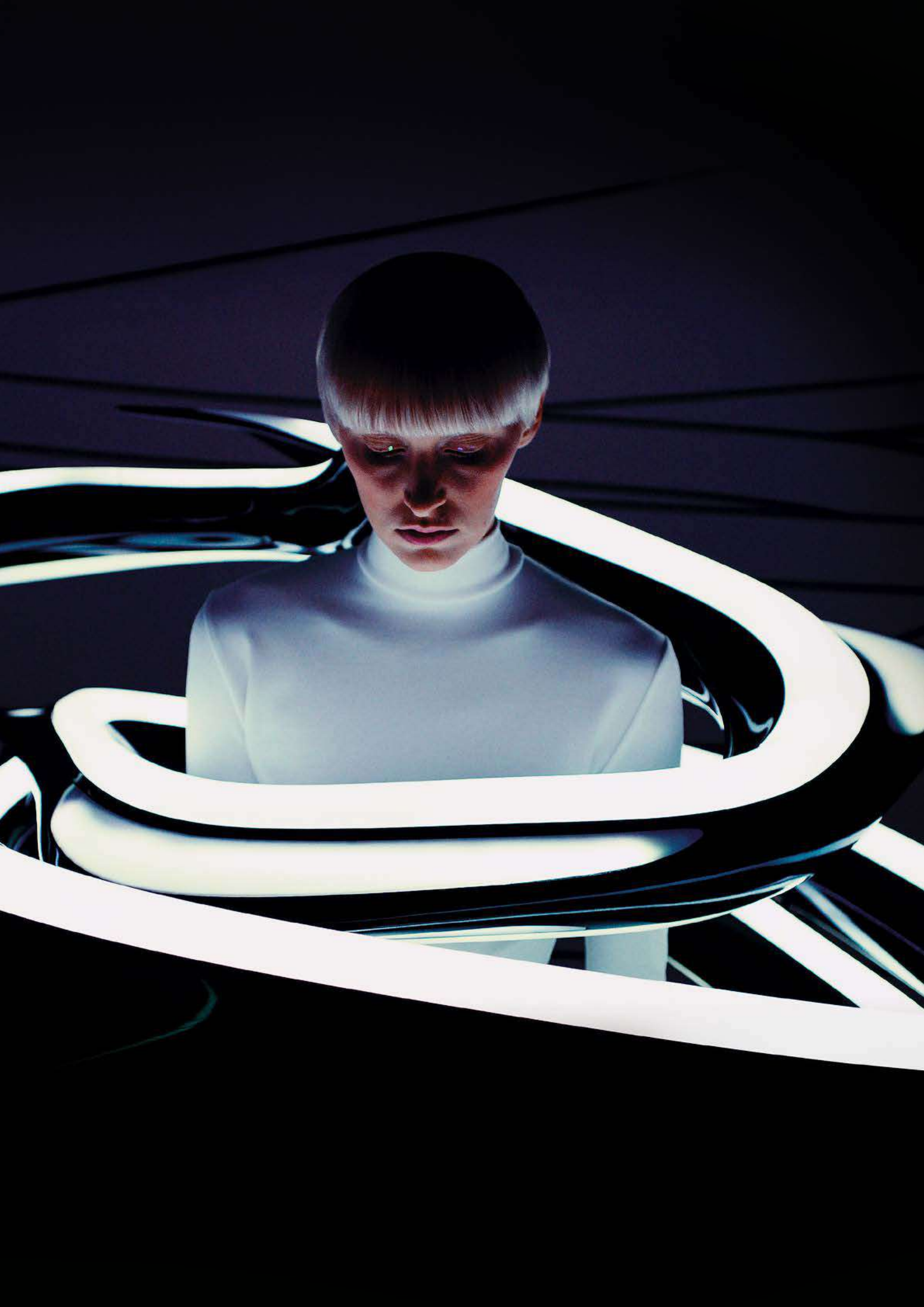
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EN 03/2024
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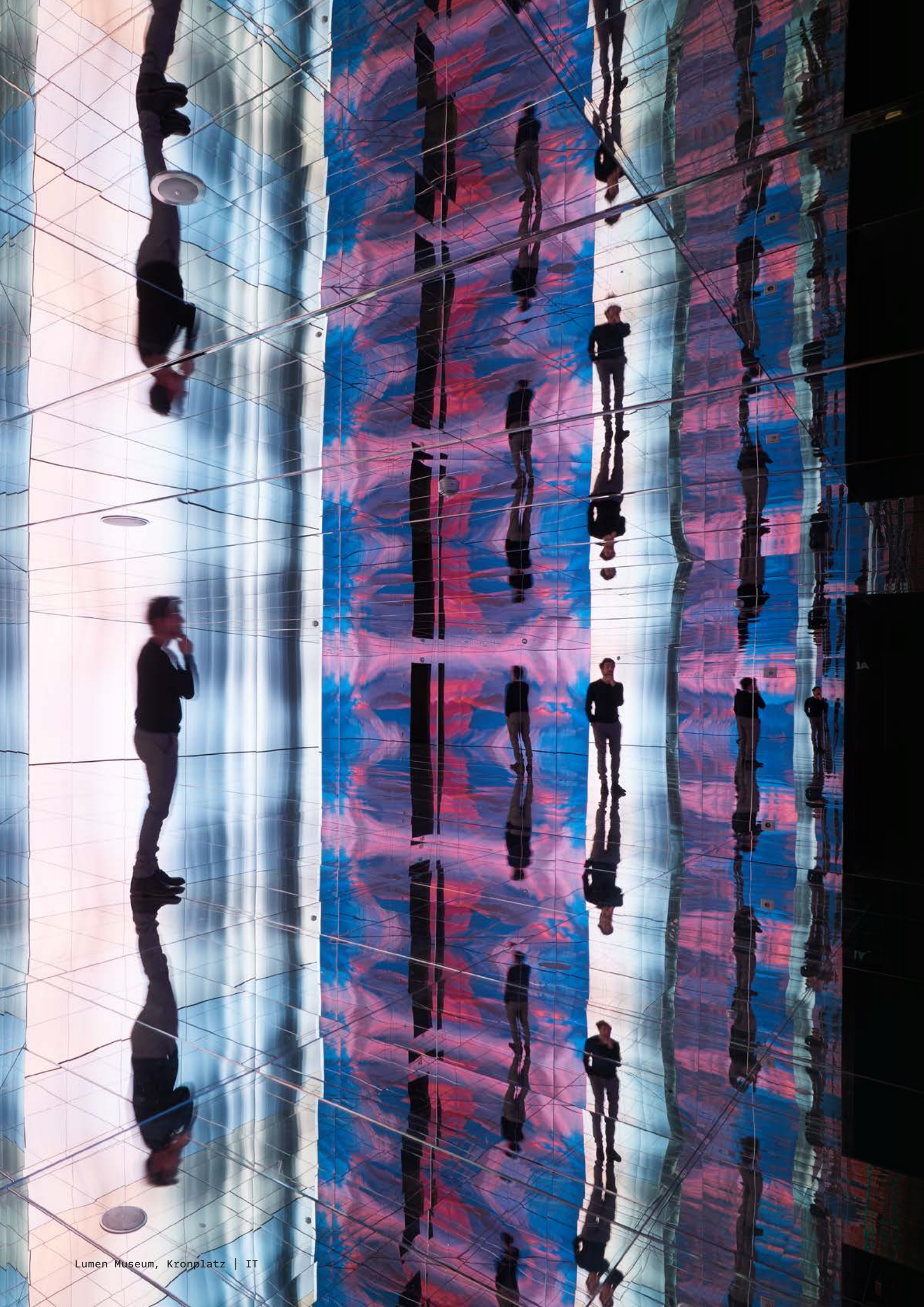
**THERE IS LIGHTING.
AND THERE IS
ZUMTOBEL LIGHTING.**

We are passionate about designing and producing light that empowers humans and brings architecture to life. We continuously push the boundaries in our search for perfection through timeless design, technical excellence, superb craftsmanship and efficient performance.

We know that light can create the right environment for people to thrive. Light can spark our imagination, stir our emotions and create spaces that inspire.

As we develop the next generation of lighting, we consider more than the obvious. Our lighting is designed for you and your individual aspirations. We guide you into a new world of opportunities.

Zumtobel. The Light.



PARTNER FOR PARTNERS

Our goal is to improve the quality of life through light.
In everything we do, people take centre stage.
For this reason, partnerships have always been very
precious to us. Every day we strive to be an agile,
responsible and experienced partner that makes
a valuable contribution to humans.

AGILE

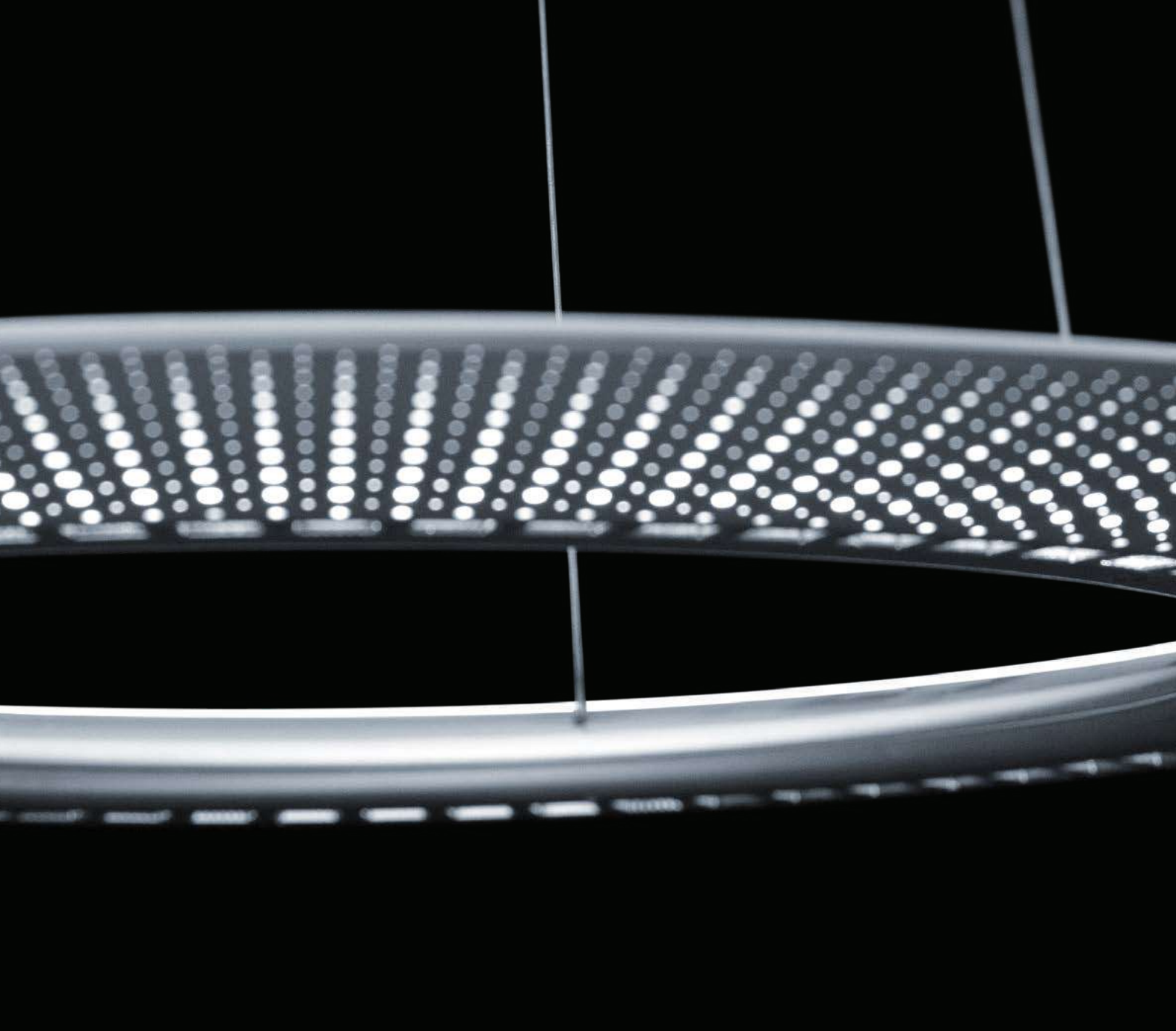
As an agile partner, we understand that there is more than just one way to reach a goal. We take the wishes of our partners seriously. That is why we offer exceptional luminaires ('The Specials'), which are developed to be out of the ordinary. Innovation, versatility and individuality are three values that are upheld in our company. Our Digital Services turn 'Connected Architecture' into a learning ecosystem. With sustainable, flexible and future-proof lighting solutions.

RESPONSIBLE

As a responsible partner, it is important for us to be reliable and trustworthy. We strive to act with the necessary transparency towards our customers, suppliers and partners and to operate in a sustainable manner. For us, sustainability is more than energy saving. We are guided by the triple bottom line that helps us move towards a regenerative and sustainable future.

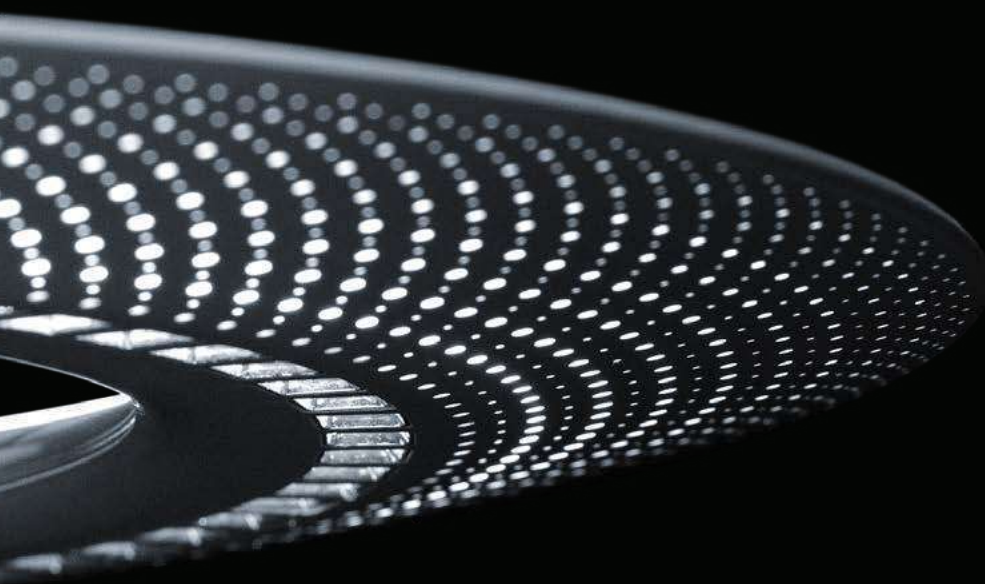
EXPERIENCED

As an experienced partner, we have built upon our deep lighting and application expertise. Our aspiration is to deliver premium in every respect: be it in the quality of our luminaires, consultancy services, planning or our general services. We readily share our knowledge and offer various training programmes for our customers and partners. Our Active Light concept gives us the necessary framework to offer the best solution for humans.



UNIQUE LIGHT. PROVEN STANDARDS.

Intuition and experience. Vision and cutting-edge expertise. Innovation and curiosity. We combine outside-the-box thinking and established processes to create bespoke lighting solutions for our customers. Whether design, architecture, construction, lighting design, product management or marketing – our experts work across disciplines and brands to develop trend-setting bespoke lighting solutions. Our goals: responding to current market requirements, translating our customers' wishes into tailor-made lighting solutions and, last but not least, transforming today's innovative ideas into tomorrow's product portfolio.



Like a celestial body in the room:
The multi-award-winning AMBITUS office luminaire combines aesthetic design and highly developed lighting technology to create an extraordinary light experience.

VISIONARY

Daylight is never static. High-quality artificial light reflects the dynamics of daylight – and changes to suit the living spaces and architecture around us. From digitalisation and immersive experiences to sustainability and New Work: current trends inspire us to constantly reinvent light, while agile processes help us to create unique lighting solutions for future challenges.

INDIVIDUAL

We welcome requests that are a little bit different and customers who inspire us to expand our luminaire portfolio. From the first idea, the technical concept and design to the sample construction, prototyping and series production, we support and manage the entire product life cycle of innovative lighting solutions, all from a single source.

EXTRAORDINARY

Using aesthetic design, high-quality materials and innovative technology, Zumtobel brings together extraordinary product features to create unique light experiences. We work with design, lighting design and engineering experts who question what is tried and tested in order to design something special.



CREATING LIGHT CREATES TIMELESSNESS

Sustainable architecture needs human-centred lighting: at Zumtobel, we take a holistic view of light – and tailor it to people’s needs. This includes timeless design, future-proof technology and components that can be easily recycled or reused for new applications. Our goal is to create buildings that can be used flexibly with smart technologies and ultimately transform from a static building to a learning ecosystem. Active Light and ‘Connected Architecture’ are Zumtobel’s keys to human sustainability.



sustainability.zumtobel.com



ACTIVE LIGHT

People in focus

Our Active Light concept adapts Zumtobel luminaires and solutions to people's needs. Dynamic applications and new technologies allow us to achieve a quality of light that is inspired by natural daylight and therefore also sustainable.

CONNECTED ARCHITECTURE

Value creation for a strong future

'Connected Architecture' enables us to use building technology as a basis with which to transform a building into a learning ecosystem, thereby increasing its value and ensuring its long-term profitable and sustainable operation, but without losing sight of users' needs in the process.

HUMAN SUSTAINABILITY

Buildings for future generations

Human sustainability is based on the concepts of 'Active Light' and 'Connected Architecture'. At Zumtobel, our aim is the long-term conservation of natural resources – for the benefit of people, animals, plants and the whole planet. To achieve this, we not only focus on resource consumption during the usage phase, but also on reducing it before and during the construction phase. A sustainable building also has an additional function as a temporary storage facility for the resources of future generations.



ACTIVE LIGHT FOR SUSTAINABLE LIGHT QUALITY

We've developed the Active Light concept with the aim of designing artificial light that meets people's needs. It focuses on the connection between humans and light. It's designed to reconcile the fundamental need for light with the increasing

demands of modern times. Active Light is based on natural light and is activated as soon as a person moves from outside to inside. Light affects people with its intensity, direction and colour, and as it changes with the time (of day). It's these

four dimensions of light that Active Light uses to put all three impact levels – visual, emotional and biological – into practice.



[sustainability.zumtobel.com/com-en/
our-sustainability-dimensions/active-light](https://sustainability.zumtobel.com/com-en/our-sustainability-dimensions/active-light)



Visual effects of light

The visual lighting effect describes the functional support of the visual task by light, which is regulated at the workplace by standards such as DIN EN 12464-1 'Lighting of workplaces'. Visual tasks should be well supported, by preventing glare, for example. The level of the light effect helps create perfect visual conditions by enhancing contrasts and structures. Different visual tasks require different types of lighting conditions, which are defined in the standards.

Emotional effects of light

'Translated' by the limbic system, light influences our mood. Light stimuli determine the impact our surroundings have on us and thus our emotions. People will find a room pleasant if light, architecture and furnishings are in perfect harmony. This harmony triggers positive emotions. Surprise effects and variety, created using dynamic lighting controls, can be conducive to creativity and communication.

Biological effects of light

The biological effects of light are felt in the retinal ganglion cells. These receptors contain the photopigment melanopsin, which is activated by low-wave spectrum light (blue light). Through the release of the hormone melatonin, the system supports the circadian rhythm and other human bodily functions. The right kind of light at the right time can therefore support alertness, sleep quality and the ability to concentrate and perform.





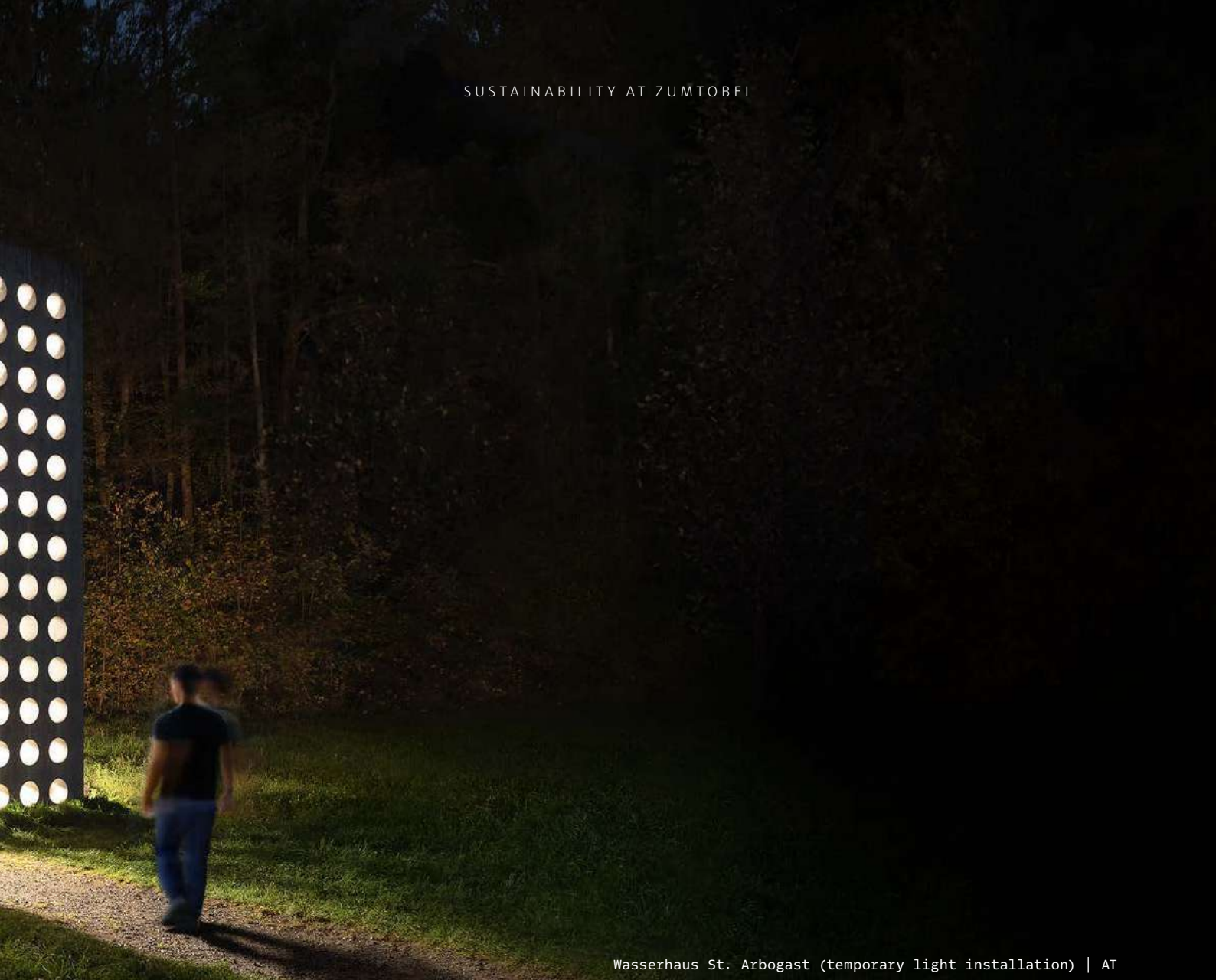
**CONNECTED ARCHITECTURE:
VALUE CREATION FOR A STRONG FUTURE**

Light creates value: and not just for sustainable companies, but also for their customers. 'Connected Architecture' and digital applications and services allow building data to be measured and therefore be improved. Buildings become learning ecosystems that

are continually being tailored a little more closely to people's requirements and sensory experiences, while also conserving resources. Zumtobel lighting solutions create real added value in any situation.



*[sustainability.zumtobel.com/com-en/
our-sustainability-dimensions/connected-architecture](https://sustainability.zumtobel.com/com-en/our-sustainability-dimensions/connected-architecture)*



Wasserhaus St. Arbogast (temporary light installation) | AT

**Connected buildings:
smart not static**

'Connected Architecture' uses the lighting infrastructure as the basis for smart building infrastructure. Luminaires are fitted with sensors that collect and analyse a variety of building and environmental data, including brightness, presence, temperature and air quality. This data can be used to regulate environmental conditions, ensuring that energy is used efficiently. At the same time a pleasant atmosphere for users is created, which has a direct effect on the quality of life.

**Digital Services:
added value for specific
usage situations**

Building data is the perfect starting point for improving the customer and employee experience, optimising processes and saving time and resources. Zumtobel's Digital Services allow data that has already been collected to be used to create added value. Across all sectors, these transform big data into concrete business and usage models. An example is asset tracking, which enables objects to be located quickly

and efficiently in buildings. Its possible uses range from tracking goods shipments in the logistics sector, finding parts during a complex manufacturing process, and tracing high-quality, mobile work equipment or vehicles to locating medical devices in hospitals.

More information about our digital services can be found on page 166.



SERVICES AND TOOLS FOR SUSTAINABLE LIGHT

Light as a Service

LaaS (Light as a Service) is an alternative to buying a lighting system. Instead of requiring a one-off investment, the new lighting system can be used subject to the payment of monthly light contracting instalments. A costly LED retrofit can thus be carried out quickly, usually without the need for any investment. At the same time, a valuable and profitable contribution to sustainability is made, because, in addition to the reduction in CO₂ emissions, electricity costs are saved immediately. Furthermore, a modern lighting infrastructure also creates the basis for smart, digital building management.

EPDs: ensuring that environmental impact can be measured and planned for building certifications

As early as the 2010s, Zumtobel was one of the first luminaire manufacturers to make EPDs available to its market partners. An Environmental Product Declaration outlines the environmental impact of a product during its entire life cycle as part of the ecological building assessment in accordance with DIN EN 15978 ('Sustainability of construction works'). In-depth data compliant with ISO 14025 and EN 15804 serves as the basis for environmental certifications for sustainable construction.



sustainability.zumtobel.com/en/our-sustainability-dimensions/services-and-tools



Futurium, Berlin | DE

ecoCALC software

ecoCALC is Zumtobel's tool for analysing the costs of a lighting solution across its entire life time. To do this, ecoCALC not only calculates the investment costs, but also takes into account CO₂ emissions, power consumption, maintenance costs and system disposal. The software integrates the relevant EPDs and uses them as a basis for calculating the LENI (Lighting Energy Numeric Indicator), an important guide value for lighting efficiency in the energy assessment that must be provided for a sustainability certification.

Building certifications

Various Green Building certifications enable the sustainability of buildings to be measured and compared. Among the best known are BREEAM and LEED. Customers seek Green Building certifications in order to increase a property's value and marketability, reduce operating costs and provide evidence of the building's sustainability. We help our customers to obtain the desired Green Building certificates with intelligent lighting solutions and the relevant data (such as EPDs, for example).

EcoVadis

At a company level, the Zumtobel Group has been awarded a gold medal for its achievements by the EcoVadis sustainability rating agency. This means that the Group belongs to the top three percent of over 75,000 companies evaluated. The next step on our path to achieving net-zero is to increase the proportion of renewable energies that we use by at least 50 percent compared to the benchmark year, 2015/2016.





Zumtobel's success is not based solely on the sale of luminaires.

In fact, we aim to create lighting solutions that deliver real added value for your respective area of application. Whether in industry, in the office, in educational establishments, shops or museums, our motto is always 'application first'. Based on this, we traditionally share our in-depth knowledge of light in its usage situation through many channels. We thus contribute to optimising work processes, increasing building value, improving health and well-being and enhancing productivity – and creating truly sustainable buildings with light.



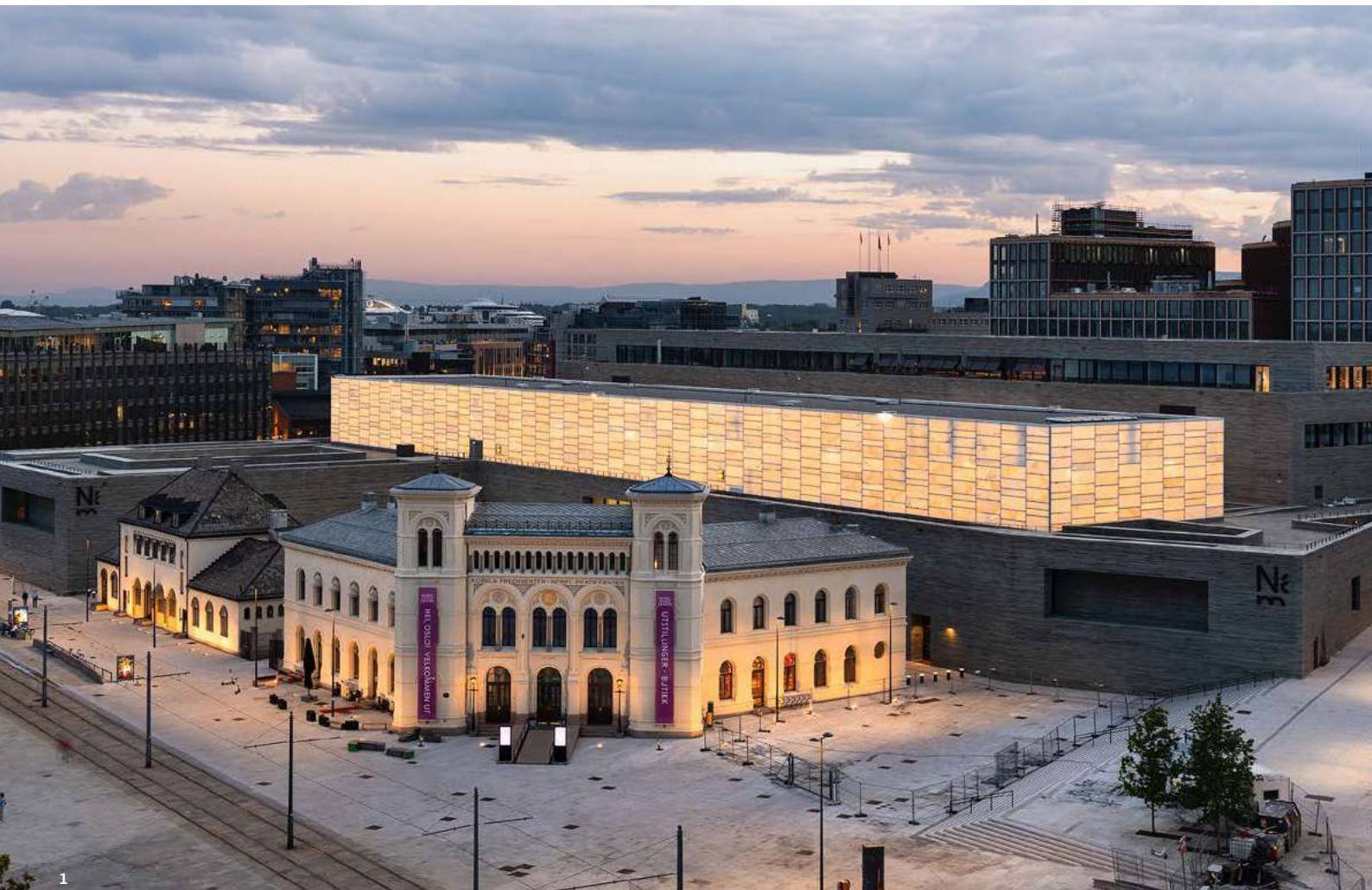
APPLICATIONS

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Health & Care	40



CREATING LIGHT CREATES IMAGINATION

Expand your horizons and discover new worlds – art and culture offers all this, and more. However, the impact of these personal experiences is also always dependent on the place at which the person encounters them. That's why it's even more important to adapt lighting not just to the work or performance, but also to the architecture that surrounds it. These are all factors that impact the identity of the work, how the space is experienced and the immersive nature of that experience.



ACTIVE LIGHT

To actively experience art is to look simultaneously into the past, the present and the future. With Active Light, Zumtobel not only takes into account the visual effects of light and its influence on the perception of art, but also supports museum visitors emotionally – because light contributes significantly to the atmosphere and design of a building or room.

CONNECTED ARCHITECTURE

Connected building architecture, intelligent controls and gentle lighting technology supplied by Zumtobel help fulfil visitors' expectations and requirements. State-of-the-art lighting infrastructure by Zumtobel provides the basis for 'connecting' art and cultural buildings in terms of the Internet of Things (IoT), whether presence data for optimal visitor guidance, recording of environmental data to preserve the art objects or asset tracking to secure and track valuable exhibits.

HUMAN SUSTAINABILITY

Sustainable lighting solutions can preserve the original beauty of art and culture for many generations to come. At the same time, exhibition spaces, which are often housed in historic buildings, must also be preserved for posterity as effectively as possible and with only minimal intervention through lighting technology. Preventing damage and preserving cultural heritage are at the heart of all Zumtobel's sustainability efforts.



2



3



4

- 1 National Museum Oslo, Oslo | NO
- 2 Cité de l'architecture et du patrimoine, Paris | FR
- 3 Diözesanmuseum Freising, Freising | DE
- 4 Church of Santa Maria Goretti, Mormanno | IT



Inspiration
z.lighting/en/inspirations/art-culture



Sustainability
z.lighting/en/art-culture/sustainability



A woman in a red dress is walking away from the camera down a brightly lit grocery store aisle. To her left are wooden crates filled with fresh produce, including watermelons, cantaloupes, and various fruits. In the background, other shoppers and store fixtures are visible under a high, vaulted ceiling with a grid of skylights. The overall atmosphere is clean, bright, and modern.

CREATING LIGHT CREATES EMOTIONS

Light gives retail spaces a stage – and creates buildings in which customers like to spend longer and consume. To ensure retail architecture is both durable and sustainable, Zumtobel focuses its lighting concepts on people, creating immersive, individual and emotionally engaging shopping experiences. Using a smart building management system based on the lighting infrastructure, Zumtobel provides the best prerequisite for the sustainable optimisation of energy consumption and business operations in the retail sector and for addressing target groups with offers tailored to their requirements.



1

ACTIVE LIGHT

The retail spaces of the future will turn shopping into an emotional experience. With human-centric lighting tailored to the specific usage situation, light not only supports consumers in their visual tasks and orientation in the retail space. It also has a stimulating effect on the limbic system, awakens desires and guarantees a feeling of all-round well-being.

CONNECTED ARCHITECTURE

Recording environmental data, analysing requirements and using resources effectively: with a detailed knowledge of target groups, retailers can offer customised products and personalised shopping experiences, such as an in-store navigator who guides customers to the items they are looking for or to a customer-specific offer, for example. Zumtobel creates the technical prerequisite for connected buildings and smart applications in retail with a state-of-the-art lighting infrastructure that integrates sensors directly at the POS.

HUMAN SUSTAINABILITY

Zumtobel is committed to the highest quality when it comes to light and design: its durable lighting technology not only enables retailers to operate efficiently and thus contribute to reducing CO₂ emissions. Zumtobel also makes retrofitting easy and ensures that the lighting can be flexibly adapted to the presentation of the goods. For example, light in the retail spaces of the future will be able to constantly present the goods in different and surprising ways in order to capture customers' attention – and guarantee the successful use of retail spaces for decades to come.



2



- 1 Pharmacy Tosters, Feldkirch | AT
- 2 Giant Store, Düsseldorf | DE
- 3 Bucher Garden centre, Widnau | CH



Inspiration
[z.lighting/en/
inspirations/retail](https://www.z.lighting/en/inspirations/retail)

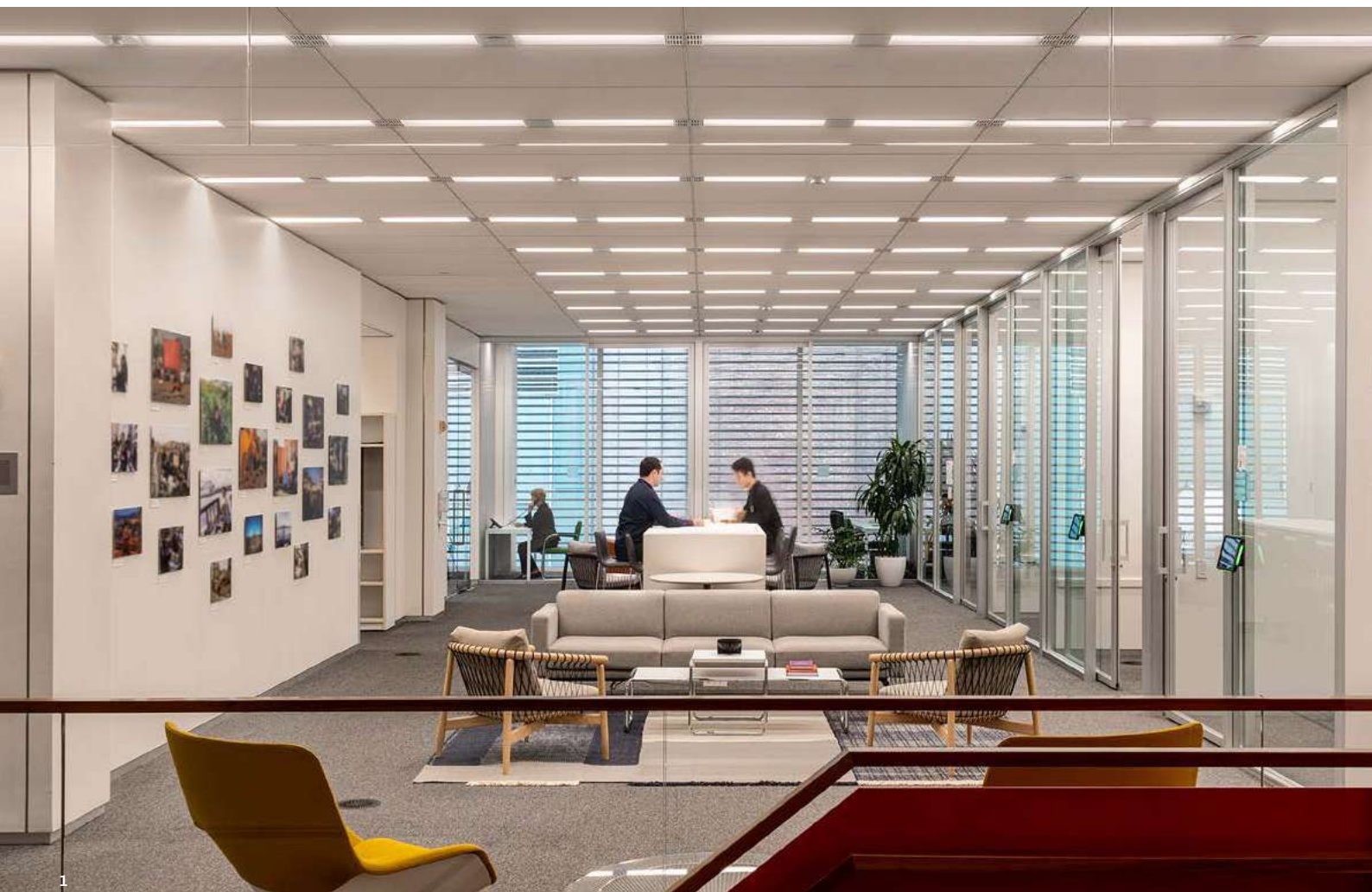


Sustainability
[z.lighting/en/
retail/sustainability](https://www.z.lighting/en/retail/sustainability)



CREATING LIGHT CREATES INSPIRATION

Sustainable office architecture and the associated lighting solutions focus on the needs of users and take a holistic approach to lighting quality. Zumtobel uses light and smart building technology to increase the added value of office buildings, while simultaneously ensuring that working and environmental conditions are always better adapted to people: for improved well-being, higher productivity and an atmosphere that supports creative exchange. Light is the common denominator for decarbonisation, profitable business activity and human sustainability.



ACTIVE LIGHT

Light in the office has a visual, emotional and biological effect. Adapted to the specific user situation, light supports glare-free screen work and makes communication spaces into meeting places for creative discussions. Active Light is based on the dynamics of daylight and thus supports our natural biorhythm – for maximum performance, motivation and visual comfort.

CONNECTED ARCHITECTURE

Improving the quality of indoor spaces, getting the best use out of workplaces and using resources effectively: Zumtobel uses state-of-the-art lighting infrastructure to create the technical requirements for a connected office building that is continually learning. Operating costs are optimised, while smart applications ensure the working environment can be measured and improved. From the individual lighting controls to agile office layouts: users' needs are front and centre in an environment designed just for them.

HUMAN SUSTAINABILITY

Zumtobel not only delivers future-proof lighting technology and uses Environmental Product Declarations to provide the necessary data for decarbonisation and sustainability certifications. With its human sustainability approach, it also ensures the long-term use of valuable resources in the office building. The unifying element of light balances human and ecological objectives for people and their working environment.



- 1 The New York Times, New York | US
- 2 Hartung GmbH & Co. KG, Münster | DE
- 3 Office AIA Life Designers, Nantes | FR
- 4 Fetter Yard, London | GB



Inspiration
[z.lighting/en/inspirations/office](https://www.z.lighting/en/inspirations/office)



Sustainability
[z.lighting/en/office/sustainability](https://www.z.lighting/en/office/sustainability)



CREATING LIGHT CREATES CONCENTRATION

Today's education and knowledge transfer are the basis for tomorrow's success. Future-proof schools, universities and educational establishments create spaces in which people can acquire knowledge independently, interact with teachers and school or university peers and experience learning as a positive, lifelong process. Light is part of the room's ambience and thus directly influences the knowledge acquisition process: concentrate, be productive and stay productive.



KLASSE
2



1

ACTIVE LIGHT

Light in education and research has a supportive effect on a visual, emotional and biological level. Adjusted to the specific situation of the learners, light supports individual productivity in the lecture theatre and classroom or creative discussion in the seminar room. Human-centric lighting is based on the dynamics of daylight and thus supports our natural biorhythm – for maximum concentration, motivation and visual comfort.

CONNECTED ARCHITECTURE

Successful learning is supported by the right light at the right time, in combination with all of people's senses. Zumtobel uses state-of-the-art lighting infrastructure to create the technical requirements for a connected educational building. Smart applications ensure that the learning environment can be measured and optimised – and thus contribute to economic and sustainable management. From individual lighting controls to an agile seminar room layout: the needs of the learners are front and centre.

HUMAN SUSTAINABILITY

Learning processes require excellent lighting technology, whether in a retrofit or a new building, in order to create the perfect visual conditions and ensure well-being. Environmental Product Declarations (EPDs) provide the necessary data for sustainability certifications. Human sustainability means using resources as sparingly as possible and over the long term, while seeking a balance with human needs. This balance of economy and environmental protection creates the basis for a sustainable educational building that can be successfully used for years to come.



2



- 1 UCL School of Management, London | UK
- 2 Meiningen Primary School, Meiningen | AT
- 3 Weisskirchen Primary School, Weisskirchen | AT



Inspiration
[z.lighting/en/
inspirations/education](https://z.lighting/en/inspirations/education)



Sustainability
[z.lighting/en/
education/sustainability](https://z.lighting/en/education/sustainability)

3

CREATING LIGHT CREATES PRECISION

Lighting is also proving itself to be as adaptable as the innovation and transformation processes associated with 'Industry 4.0'. Whether in the automotive, logistics or metal processing industries, Zumtobel creates lighting solutions for industry and technology that are not only efficient, safe and robust, but are also perfectly adapted to people's needs and individual activities – digitalisation is not a technological end in itself, but connects architecture in order to offer truly tangible added value for the environments in which users work and live, for a harmonious balance of human well-being, economy and ecology.







1

ACTIVE LIGHT

Light in industry takes into account people's visual, emotional and biological needs. Innovative sensor technology enables activity-based lighting that automatically adjusts to the usage situation and specific visual tasks. Closely reflecting the dynamics of daylight, Active Light supports our natural biorhythm to ensure maximum safety, motivation and visual comfort. Especially in shift work, light supports precise and high-quality output.

CONNECTED ARCHITECTURE

The right light at the right time, sufficient oxygen and, depending on the time of year, the right amount of heating or cooling: Zumtobel uses state-of-the-art lighting infrastructure to create the technical requirements for a connected production ('smart factory'). Smart applications ensure that the working environment can be measured and optimised – and thus contribute to economic and sustainable management, from the tracing of goods (asset tracking) to employee safety (people tracking).

HUMAN SUSTAINABILITY

Zumtobel is known in the industry for robust and resistant luminaires that last. Environmental Product Declarations (EPDs) provide very transparent data that can be used for sustainability certifications, for example. Human sustainability means reducing resource consumption during a building life cycle that is as long as possible while also optimising light and room parameters for the employees, especially during challenging shift work – for a harmonious balance of light, economy and ecology.



2



3



4

- 1 Dobro food factory, Ovčara | HR
- 2 Thyssenkrupp Schulte, Weingarten | DE
- 3 Getzner Werkstoffe, Bürs | AT
- 4 Volvo Group Trucks, Ghent | BE



Inspiration
[z.lighting/en/
inspirations/industry](https://www.z.lighting/en/inspirations/industry)



Sustainability
[z.lighting/en/
industry/sustainability](https://www.z.lighting/en/industry/sustainability)



CREATING LIGHT CREATES RECOVERY

In order to provide hospitals and rehabilitation facilities with future-proof light, Zumtobel places patient well-being and the medical personnel's complex visual tasks front and centre. Static buildings can be retrofitted to become smart working and living spaces on the basis of a lighting infrastructure that uses resources transparently and cost-efficiently. Healthcare architecture also remains fit for future requirements thanks to state-of-the-art Zumtobel lighting technology, which can be easily retrofitted and updated.





1

ACTIVE LIGHT

Active Light, our holistic approach to light quality, creates visual comfort during doctor visits, improves patient well-being and makes work in the operating theatre extremely efficient. Light supports targeted recovery and mental health as well as precision and concentration – whenever and wherever doctors, patients and care staff need it. As an essential and dynamic element, light revitalises interior design thus promoting recovery processes and quality of life ('healing architecture').

CONNECTED ARCHITECTURE

Using state-of-the-art lighting infrastructure, Zumtobel creates the technical basis for connected healthcare buildings. Recording environmental data and closely analysing requirements creates enormous added value: buildings can be adapted precisely to the needs of the users while operators benefit from optimised energy and resource consumption. The architecture becomes an adaptive system that consistently functions better for people and the environment.

HUMAN SUSTAINABILITY

Only when human needs are combined with a high commitment to sustainable building can the creation of health centres, hospitals and care facilities that will serve many generations to come become a reality. Human sustainability is not only concerned with decarbonisation (CO₂ reduction) – patients, persons needing care and staff should also feel comfortable spending time in the building. The balance of ecological objectives and human needs are a key factor in the creation of a long-term sustainable building.



2



3

- 1 Ospedale Regionale Beata Vergine, Mendrisio | CH
- 2 Clydebank Health and Care Centre, Clydebank | UK
- 3 Tottenham Hotspur Training Academy, Enfield | UK



Inspiration
z.lighting/en/inspirations/health-care



Sustainability
z.lighting/en/health-care/sustainability



TANZ AU

LEBEN UND GLAUB

Die erste Sonderausstellung thematisiert ein zentrales Anliegen, nämlich die Frage, wie Menschen auf diese mit Glaubensvorstellungen in Zeiten einer weltweiten Pandemie. Als Beispiel haben wir eine Karte des Vesuvius bei Neapel und die dieses Gebiet gehör zu den

In das kollektive Gedächtnis. Der katastrophale und verheerender die antiken Städte Pompei. Über das Ausmaß der Tragödie, die seit dem 18. Jhd. intensiver. Wir wissen, dass das Leben in die Infrastruktur hoch entwickel

Die Schönheit der Landschaft hat die Menschen seit der Antike. Hinzu kommt eine aufregende, weshalb für viele dieses Gebiet. Das Leben mit der Bedrohung. Im Vordergrund steht dabei der durch die verschiedensten. Der Stadtpatron San Gennaro in der heute mehr als vier Mi



I.
AUF DEM VULKAN

LEBEN IM SCHATTEN DES VESUV

Im neu eröffneten Diözesanmuseum Freising
liegen von Religion und Lebensbewältigung,
den angesichts unberechenbarer Bedrohungen
Handlungen und religiösen Handlungen reagieren.
Ademita stellt sich diese Frage wieder ganz akut.
offenst bedrohliche Naturerscheinung gewählt,
weshalb davon gelegentlich Phlegärischen Felder.
vulkanisch aktivsten Gegenden der Welt.

Europas hat sich ein Ereignis tief eingegraben:
zerstörerische Ausbruch des Vesuv im Jahr 79 n. Chr.,
bei und Herclanum vollkommen zerstörte.
Heute sind wir durch archaische Grabsorgen,
die durchgeföhrt wurden, sehr gut unterrichtet.
In der Nähe des Vesuv ein äußerst luxuriöses war,
Kunst und das kulturelle Angebot reich waren.

Die mit der Ducht von Neapel und dem Vulkan
antike in ihren Bau gezogen und farmiert.
Die Fruchtbarkeit der vulkanischen Böden,
hier ein bevorzugter Wohn- und Lebensort ist,
hat besonders Religion und Glauben geprägt.
bis heute der Schutz vor dem wütenden Berg,
in religiösen Kulthandlungen beschworen wird.
so gilt als wichtigster Beschützer der Region,
Millionen Menschen leben.

SPOTS AND TRACKS

VIVO II	46
SCENO	48
ARCOS III	50
IYON	52
Tracks	54



VIVO II

Perfectly coordinated variety.

VIVO II not only impresses with its uniform design: the values that it encapsulates are unparalleled. For the first time, the electronics are fully integrated into the housing or track. With its remarkable collection of designs, the range is suitable for even the most challenging of lighting tasks. High lumen packages in small, compact designs, three different sizes, accessories that make tasks more flexible and technology that is easy to adjust on-site. A range made using environmentally friendly production processes and recyclable materials. A talented all-rounder for perfect lighting arrangements in an array of application areas – from the retail sector to the field of architecture.



zumbel.com/vivo2



VIVO II
Spotlight



VIVO II
Recessed
luminaire



VIVO II
Pendant
luminaire



VIVO II
Semi-recessed
luminaire



“With VIVO II, it is our vision to create a long-lasting and modifiable design for the circular economy. The modular platform, which allows to play with the design, blends into all application contexts discreetly or even decoratively.”

Design: E00S



reddot winner 2021



SCENO

Impactful product presentation.

Showcase products perfectly. With clever accents for shelf lighting and restrained contrasts between light and shadow, SCENO captures and gently guides customers' attention. Ideally suited to the sales psychology of supermarkets and retail spaces. Highly versatile and adaptable to a range of spaces and uses. With brilliant, precise light and subtle design. SCENO: a stimulating atmosphere for every purchase.



zumbel.com/sceno





ARCOS III

The fine art of light.

Museum visitors can lose themselves in the beauty of artworks thanks to lighting that promises both absolute freedom in presentation and drama. ARCOS III zoomfocus allows us to make this promise. It is suitable for any architectural or scenographic challenges surrounding exhibitions.

A masterpiece of lighting.



zumbel.com/arcos



ARCOS III
Size M
Ceiling heights up to 5m



ARCOS III
Size L
Ceiling heights up to 10m



"The new ARCOS has surpassed itself. The newly developed optical system offers even better light quality and unique flexibility. We've retained the tried-and-tested minimalist design and the precise structures."

Design: David Chipperfield



2014



reddot winner 2021



IYON

Maximum LED efficiency in a sophisticated design.

The design aspects of IYON suggest constant movement and liveliness as an interpretation of infinite mutability. The fluid interaction between object and medium conveys sensuality and a high level of functionality. Variable lighting scenes and targeted spatial positioning go hand in hand with the way in which the light source continuously transforms itself.

Velvet matt surfaces and a sophisticated design hint at the function-focused, individually controllable lighting technology incorporated in this highly versatile spotlight.



zumbel.com/iyon



IYON S

IYON M



"The symbiosis of light direction and proportion as parameters of design affects people's sensory perception and at the same time determines the physiological sensation of a room's quality."

Design: Delugan Meissl
Associated Architects



product
design award

2012



reddot design award
winner 2012



German
Design Award

WINNER 2013



DESIGN PLUS
powered by light building



TRACKS

The basis for your lighting solutions.

Zumtobel offers an extensive range of tracks and accessories to help you create the perfect infrastructure for spotlights, linear luminaires and wallwashers. Various ceiling and wall mounting options offer more scope for creative design. The use of DALI in the tried-and-tested 3-phase track enables digital lighting control. The miniaturisation effect is topped off by the slimline low-voltage tracks. A particularly compelling argument at the moment: in order to conserve resources, tracks are simply reused when lighting is upgraded.



zumbel.com/tracks

3-phase/L3+DALI track	Low-voltage track 48 V
Track with/without support profile	U track with/without support profile, H track
White, silver, black	White, silver, black
Recessed, surface-mounted, pendant	Recessed (with flange, trimless), surface-mounted, pendant
Pendant tube suspension, cable suspension	Pendant tube suspension, cable suspension
Linear: 1,000, 2,000, 3,000, 4,000mm Curved: available on request	Linear: 2,000, 3,000, 4,000mm Curved: available on request
Cross feed, corner feed, central feed, end feed	AC/DC control gear on the track (surface-mounted, pendant): end feed AC/DC remote control gear (recessed, surface-mounted, pendant): end feed, corner feed, central feed
Straight connectors, angle connectors, T-connectors, cross connectors, flex connectors	Straight connectors, angle connectors
Point outlet, socket, decorative hook, pendant adapter, accessories for SUPERSYSTEM integral channel solutions	Covers, lockable adapters in the track





MODULAR LIGHTING SYSTEMS

SUPERSYSTEM integral collection
SUPERSYSTEM inline
SUPERSYSTEM II

58
60
61



SUPERSYSTEM INTEGRAL COLLECTION

Nomen est omen.

Integral. Because variety integrates perfectly into architecture. The defining feature of the entire product group is seamless linearity – regardless of whether SUPERSYSTEM is used integrally as a single luminaire or installed on a track. Surface-mounted, built-in or pendant. Even with a channel, if required. And for the first time, this solution can be used for all types of lighting: from horizontal to vertical, from indirect to accent lighting.



zumtobel.com/supersystem



Built-in
Stand-alone



Surface-mounted
3-phase-track



Pendant
3-phase-track
with channel
cover



Built-in
3-phase-track
in a channel

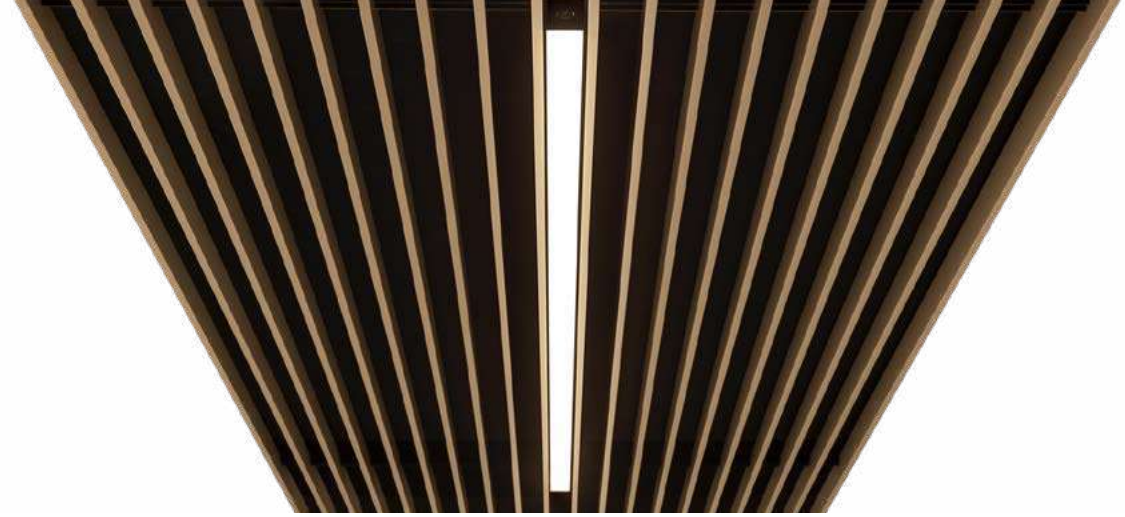


“The comprehensive planning tool is based on the poetic idea of stringently miniaturising the spotlight heads, enabling them to be perfectly integrated into a continuous linear structure. The system magically emits light from a slender groove.”

Design: E00S



reddot winner 2020



SUPERSYSTEM INLINE

Linear design with excellent glare control.

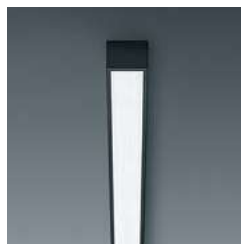
Whether surface-mounted, suspended or integrated in baffle ceilings without using tools: uniform and glare-free light with a UGR value < 19 and 2000 lumen per running metre make SUPERSYSTEM inline an EN 12464-2011-compliant light line for workplaces. Three different lengths and the option of combining linear luminaires with recessed downlights for brilliant accents offer creative freedom. The luminaires are ideal for baffle ceilings and come with springs for Haufe ceiling systems as standard.



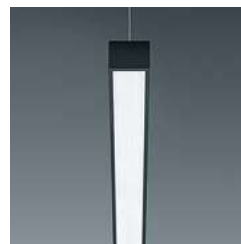
zumtobel.com/SUPERSYSTEM%20inline



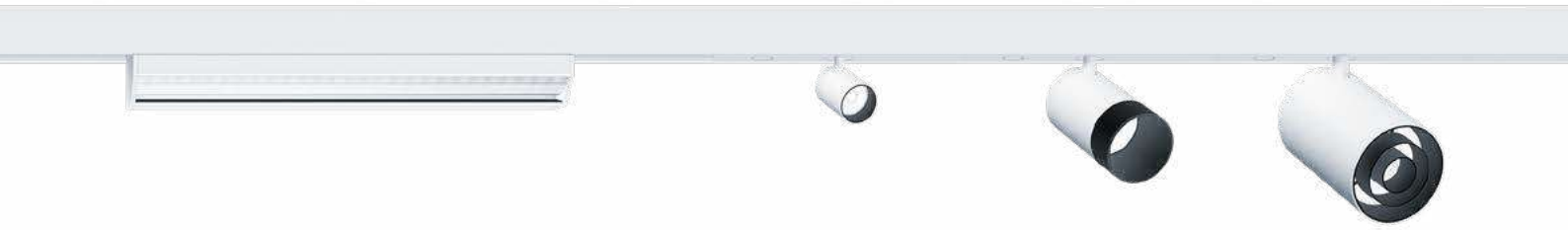
SUPERSYSTEM inline
Recessed Haufe
baffle ceiling



SUPERSYSTEM inline
Surface-mounted
luminaire



SUPERSYSTEM inline
Pendant
luminaire



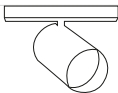
SUPERSYSTEM II

Modular system for versatile lighting.

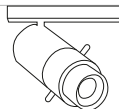
First class. Linear. Everlasting. A system establishes itself as a lighting tool for all facets of architectural lighting. An interdisciplinary approach to properties and space. From even surfaces to lively accents. Both horizontal and vertical. Always compact, elegant and extremely flexible. And so freedom becomes a pleasure for the lighting designer – no matter the kind of challenges posed by the architecture or application.



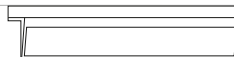
zumtobel.com/supersystem2



SUPERSYSTEM II
Accent lighting spot
mini, midi, maxi



SUPERSYSTEM II
Contour spotlight
midi, maxi



SUPERSYSTEM II
Wallwashing
mini, midi



SUPERSYSTEM II
Wallwashing
direct, direct/indirect



James Simon Gallery, Berlin | DE



DOWNLIGHTS

PANOS infinity/evolution	64
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PANOS INFINITY/EVOLUTION

Kits for functional and architectural lighting tasks.

The wide range of models perform different lighting tasks brilliantly – from the homogeneous illumination of vertical or horizontal surfaces to the creation of precise accents.

The unobtrusive manner in which both downlights and wallwashers blend in with their architectural surroundings makes the PANOS infinity / evolution kits the perfect lighting tool for designers and planners. From reception areas, corridors, offices and conference rooms to shops and museums – the luminaires provide the right lighting for any environment, thanks to impressive efficiency and service life, colour rendering of up to $Ra > 90$, precision-moulded reflectors and a future-proof modular design.



zumbel.com/panos



"I don't think light is just about a quantity of lumen. Sometimes light is about the full sky falling into a room or space."

Design: Chris Redfern
Sottsass Associati



PANOS DOWNLIGHTS

LIGHTING OF HORIZONTAL SURFACES



R68
with trim



Q68
trimless



R100
trimless



Q100
with trim



R100
Accent beam,
with trim



Q100
Accent beam,
with trim



R150
trimless



Q150
trimless



R200
trimless



Q200
trimless



Surface-mounted
housing E200



Surface-mounted
housing Q227

PANOS PENDANT LUMINAIRE

THE SLIM ALTERNATIVE



R70 and R100
Surface-mounted and
pendant luminaire

PANOS INFINITY HIGH LUMEN

HIGH LUMINOUS INTENSITIES



R200
with trim

PANOS INFINITY WALLWASHER

LIGHTING OF VERTICAL SURFACES



R68
with trim



Q68
with trim



R100
with trim



Q100
with trim



R150
with trim



R200
with trim

PANOS INFINITY ADJUSTABLE

FLEXIBLE HIGHLIGHTING



R68
with trim



Q68
with trim



R100
with trim



Q100
with trim

REFLECTOR SURFACES



Facetted



Highly specular



Silver matt



Gold



White



Black



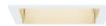
Facetted



Highly specular



Silver matt



Gold



White



Black



MICROS II

A small luminaire with a big impact.

MICROS II – a small luminaire featuring state-of-the-art lighting technology for ancillary areas in retail, the hotel and catering sector, hospitals and living areas. The downlight's different colour variants offer a huge amount of scope for creative design. Yet MICROS II also allows one-to-one replacement of old small downlights, which still use halogen bulbs, for example.



zumtobel.com/micros



MICROS II
Recessed R68/R100/R125



MICROS II
Surface-mounted R68/R100



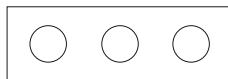
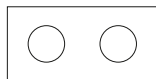
DIAMO

Brilliant lighting quality for the creation of powerful accents.

DIAMO, which incorporates unique lighting technology developed jointly with experts at Bartenbach GmbH, based in Aldrans near Innsbruck, is a highlight in the world of miniaturised recessed luminaires: intelligently designed reflectors ensure accurate light distribution by the high-power and efficient LED modules, without any spill light, as well as perfect glare control. The result: high-intensity pinpoint accent lighting with excellent lighting quality and maximum brilliance. DIAMO combines all these features in an extremely compact design, thus providing for new creative freedom in numerous indoor applications.



zumtobel.com/diamo





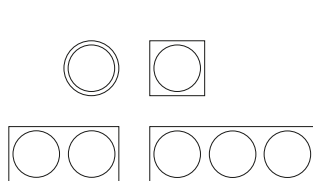
CARDAN EVOLUTION

New standards in accent lighting.

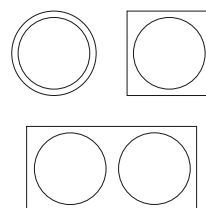
Whether in retail outlets or showrooms, the CARDAN evolution architectural recessed luminaire draws the attention of customers and visitors by creating light accents exactly where they are needed. Precision alignment. No self-illumination, just maximum efficiency. Discreet design and seamless installation ensure an uncluttered ceiling aesthetic. Sophisticated accent lighting for high-profile display areas.



zumtobel.com/cardan



CARDAN M
Trim square/round
double/triple



CARDAN L
Trim square/round
double



reddot award 2018
winner

Design:
Blocher Partners





CEILING AND WALL LUMINAIRES

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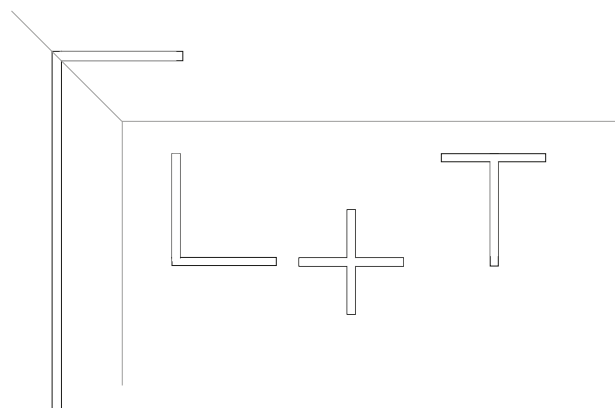
SLOTLIGHT INFINITY II

SLOTLIGHT – the unique light line since 1999.

Improved optics, timeless design, maximum efficiency and even greater project design freedom: SLOTLIGHT infinity II is continuing the success story of Zumtobel's light line. It can be unrolled to any length, without interruption, as a continuous line or around corners, in a creative X or T shape. Conceived using Zumtobel's Circular Design Rules, it can be configured in just a few clicks, with effortless customisation. Whether in an office, educational institution, airport, art gallery or shopping centre: SLOTLIGHT infinity II provides a reliable basis for any number of applications. With IP54 degree of protection and emergency lighting in all standard lengths.



zumtobel.com/com-en/products/slotlightinfinity_II.html



SLOTLIGHT infinity II
flexibly customisable
light line



Channel, batten and optics can be combined as required.
The modular system thus enables the creation of a seamless
light line in all mounting variants, even around corners.

SLOTLIGHT INFINITY

WIDTH: 76 MM



MRC
Recessed
Plasterboard



MRT
Recessed
Technical



MSC
Surface and Suspended,
Recessed Concrete



MSP
Suspended direct/indirect
and indirect/direct

SLOTLIGHT INFINITY SLIM

WIDTH: 45 MM



Surface-mounted
ceiling and wall



Pendant luminaire
direct or direct/
indirect beam



Recessed
ceiling and wall



Technical channel
with circumferential trim,
ceiling and wall



Minicell
surface-mounted
and pendant

SLOTLIGHT ROUND

WIDTH: 60 MM

Perfectly glare-free light with high luminous flux levels handles demanding visual tasks while also creating a pleasant atmosphere.



Pendant luminaire
direct/
indirect beam
D800, D1200, D1500



Surface-mounted luminaire
ceiling and wall
D800, D1200, D1500

OPTICS

FOR ALL APPLICATIONS

With a wide variety of optics for all mounting variants of the light line also meets the most diverse visual requirements.

Opal optics (PC)

Office optics (PCO)

Asymmetrical optics (WW)

Minicell-optics (MC)

Drop Diffusor optics (DD)



LIGHT FIELDS III

Master of challenging visual tasks.

Discreet elegance. Minimalist eye-catcher. Trimless design. With the third generation of the LIGHT FIELDS family, rooms and workplaces are set in scene. The unobtrusive beauty accommodates the full scope of our unique light technology.

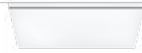
The result: Uncompromising light quality to master challenging visual tasks.



zumbel.com/lightfields



LIGHT FIELDS III
Recessed luminaire
Square, Rectangular



LIGHT FIELDS III
Surface-mounted
Square, Rectangular



LIGHT FIELDS III
Pendant luminaire
Rectangular



"The new LIGHT FIELDS generation is light without limits. The full-sized luminous surface is the distinguishing feature of this new generation of luminaires. Unlimited, frameless, simply light."

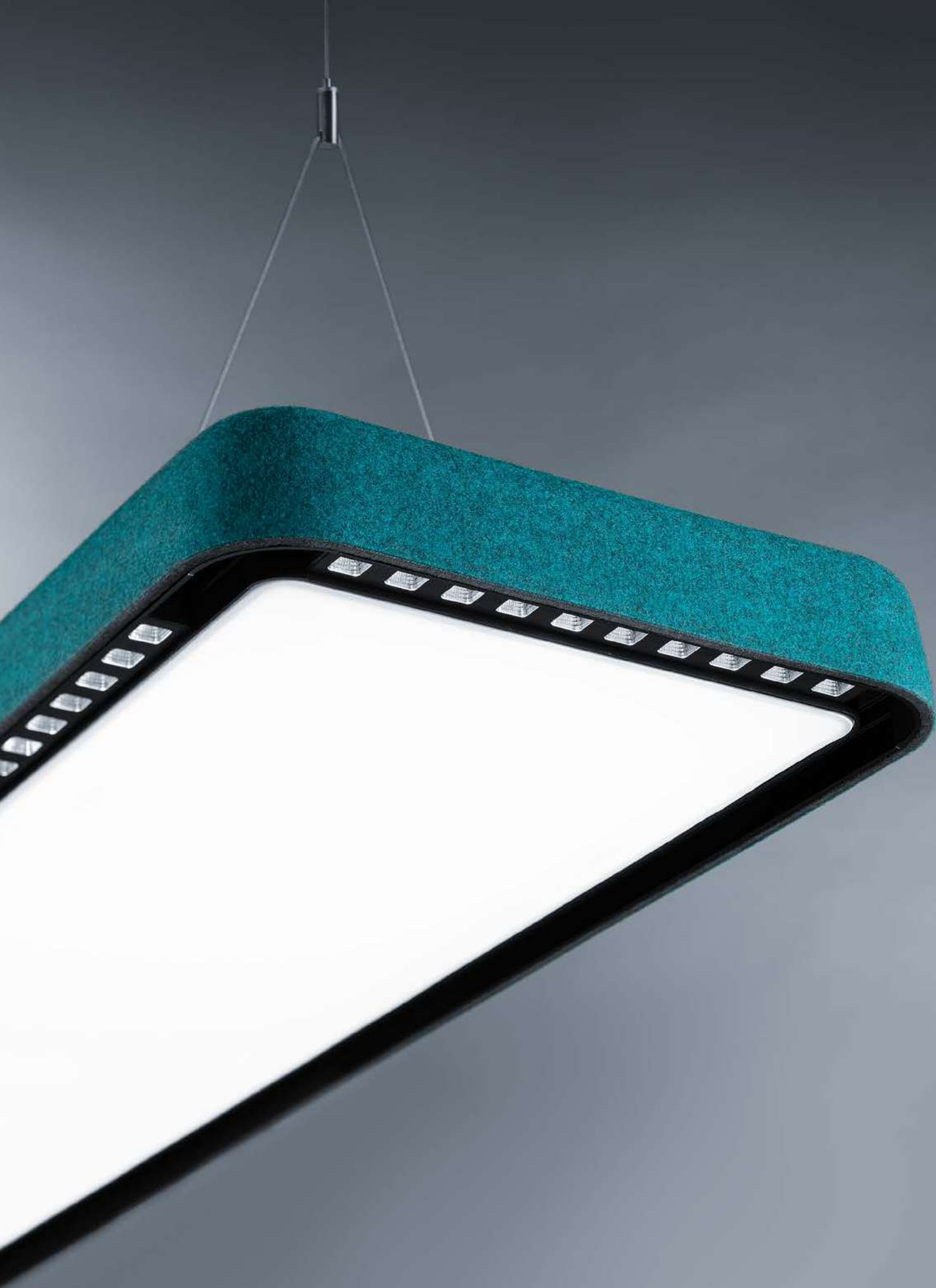
Design: Stefan Ambrozus



German
Design Award
WINNER 2015



reddot winner 2020



TRAMAO

Light. Object. Acoustics.

Gently rounded shapes and simple elegance.
2 basic and 17 additional on-trend colours.
TRAMAO wraps sophisticated light in a cloak
of discretion: the cosy, warm felt absorbs
sound and thus improves room acoustics, while
diffuse, directional, direct and indirect light
fulfills the different visual tasks – in conformity
with standards, of course.



zumbel.com/tramao



TRAMAO



TRAMAO slim



ECOOS II

360° brilliant light redefined.

The integrated light body makes light appear almost infinite and 3-dimensional. A minimalist, linear luminaire for the perfect, extensive illumination of offices and schools. Available as a slim, modern lightweight version or in the tried-and-tested original with its classic design, with extensive installation options.



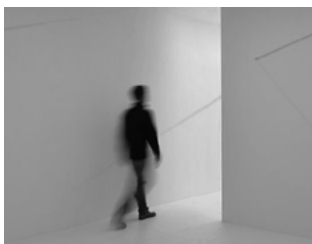
zumbel.com/ecoos



ECOOS II
surface-mounted, pendant,
TECTON luminaire



ECOOS II slim
surface-mounted, pendant,
semi-recessed, TECTON luminaire



“Outstanding design is deeply rooted in our DNA. We are particularly proud of our own employees, who design extraordinary luminaires at the level of renowned designers.”

Design: by Zumtobel



reddot winner 2020



ONDARIA II

Beautifully recreating nature.

The timeless design of the ONDARIA II luminaire perfectly complements a variety of different room concepts. Whether recessed, surface-mounted or as a pendant luminaire – the clear geometry enhances the architecture without detracting from the interior styling. This makes it just as attractive for reception and waiting areas as for break-out zones or general lighting in a retail environment. With its round shape, the luminaire can be positioned anywhere in the room without changing its direction, while maintaining the same quality of light.



zumtobel.com/ondaria



ONDARIA II
Wall
surface-mounted*

ONDARIA II
Ceiling
surface-mounted

ONDARIA II
Pendant
luminaire

ONDARIA II
Ceiling
recessed

Surface-mounted, recessed and pendant luminaires are LABS-compliant.



"Simple geometries and clear edges characterise the timeless appearance of ONDARIA II. The latest lighting technology is expressed in the design of the greatly reduced height of the luminaire body."

Design: Stefan Ambrozus





AMBITUS

The harmony of opposites.

AMBITUS has it all. A claim that this exceptional office luminaire lives up to in every way: advanced technology meets multiple-award-winning design. Diffused indirect lighting meets precise, workplace-friendly direct lighting. Peak brightness meets excellent glare control. AMBITUS unites apparent opposites in a slim, deep-drawn aluminium body that floats in the space with a light and delicate appearance, creating a lighting effect as round as the luminaire's shape itself. Harmonious light, inspired by the sun.



zumbel.com/ambitus



AMBITUS



"Purely linear lighting can no longer meet the needs of complex, organic building design. AMBITUS solves this geometric paradox."

Design: Yorgo Lykouria,
Rainlight Studios



reddot winner 2021
best of the best



MELLOW LIGHT EVOLUTION

The daylight classic.

It is a well-known fact in architecture: The bigger the cubic content, the more difficult it is to guide daylight into the inner areas. MELLOW LIGHT plays with light. It brings the depth of the room to life in the mellow colours of the sky until late at night. Walls and ceilings begin to breathe and give people a renewed sense of outdoor freedom.



zumbel.com/ml



MELLOW LIGHT evolution
Recessed
Square, Rectangular



MELLOW LIGHT evolution
Surface-mounted
Square, Rectangular



MELLOW LIGHT evolution
TECTON compatible
Rectangular



"By taking into account the design elements of the previous five generations of MELLOW LIGHT luminaires, we used this iconic feature to shape the future of office lighting."

Design: Daniel Stromborg
Design Director, Gensler





CAELA

Lighting system with edge-lit LED technology.

The common origin of the extraordinarily slender CAELA product group is a standard surface-mounted fitting, which – depending on the model – is developed into a round or square luminaire with a symmetric or asymmetric beam.

This enables each luminaire to be mounted to the ceiling and wall without additional accessories. Furthermore, there is the possibility of changing the luminaires at a later time, thus switching to a different size, beam or shape.



zumbel.com/caela



CAELA
Wall
installation



CAELA
Ceiling
installation



CAELA
Pendant
installation



“To achieve a preferably trimless and clear design, the casing takes a back seat and lets the emitting surface act as a plane. Several CAELA luminaire elements can be shaped into versatile light sculptures.”

Design: Graft





CIELUMA

A canopy of light.

Like a canopy of light above our heads. In unrivalled dimensions: spanning entire areas, the CIELUMA light ceiling imitates outdoor daylight. In line with the Double Dynamic Lighting concept, it brings dynamic, motivating light indoors. With its sound-absorbing properties and host of design options, CIELUMA brings to life a new quality in the connection between light, acoustics and space.



zumbel.com/cieluma



CIELUMA / CIELUMA acoustic
square (up to 75x4.90m),
round (up to diameters of 4.90m),
free-form in accordance with customer requirements



"CIELUMA directly engages the senses: I love the fact that a perfectly homogeneous luminous ceiling transforms a room into something else. The user feels like they are standing outside under the sky. It's magical."

Design: Dr Thomas König CEO, Typico GmbH



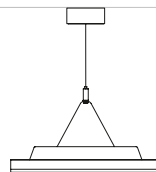
MIREL EVOLUTION

The most progressive shape of louvre luminaires.

MIREL evolution represents a further stage of development for the louvre luminaire. Zumtobel has met the challenge of integrating energy-efficient LED technology into the tried-and-tested design by giving the luminaire an original appearance: users can actually see the LED modules in the MIREL evolution. With a clear and discreet design that can be used universally, the luminaire fulfils its great potential for light quality and energy efficiency.



zumtobel.com/mirel



MIREL evolution
Surface-mounted, recessed
and lay-in luminaire
mini

MIREL evolution
Pendant luminaire
rectangular

MIREL evolution
Surface-mounted, recessed
and lay-in luminaire
square, rectangular, slim

Design:
Studio Ambrozus



LINETIK

Impressive lighting comfort in a striking design.

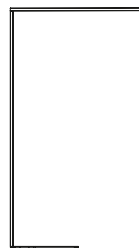
The minimalist and linear design of the LINETIK range is easy to integrate into any architectural concept. With a cross-section of just 25 x 25 mm, LINETIK is the slimmest professional office luminaire on the market. No other product that satisfies the required standards can compete with these dimensions – and no other product boasts such a consistently linear concept with cables that transfer electricity and data directly to pendant luminaires. LINETIK strikes the perfect balance between room and workplace lighting. This powerful solution with zero glare offers full compliance with all the requirements of EN 12464. The individually adjustable direct and indirect components allow you to adjust the light to suit your specific space and situation with complete freedom and flexibility.



zumtobel.com/linetik



LINETIK
Pendant luminaires



LINETIK
Free-standing luminaires



red dot award 2019
winner

Design:
F Mark Ltd



LANOS

A dramatic aura of light.

From a narrow ring of light to a circular glow: LANOS means “beautiful flower” – and with its narrow light ring and circular luminaire, it’s a name that aptly describes this unusual and decorative round luminaire. A simple, geometric shape, unique halo effect, excellent light quality, time-saving installation and huge range of design options are just some of the features that make LANOS a timeless and elegant addition to any lighting concept.



zumtobel.com/lanos



LANOS S
surface-mounted,
pendant tube



LANOS M
surface-mounted, pendant
tube, pendant cable



LANOS L
surface-mounted, pendant
tube, pendant cable

Design:
Stefan Ambrozus



CLARIS EVOLUTION

The design icon shows its colours.

CLARIS evolution – a luminaire with a promise: this office lighting design classic will not only impress you with its elegant optics, it also offers maximum visual comfort for all kinds of office work. With 24 different colour combinations and high-quality lighting technology, the CLARIS evolution is extremely versatile. Besides pendant luminaires, the product family now also includes surface-mounted ceiling luminaires as well as variants for the TECTON continuous-row lighting system.



zumtobel.com/claris



CLARIS
pendant



CLARIS
surface-mounted



CLARIS
TECTON



reddot award 2019
winner

Design:
AG Licht



LINCOR

Slim and unobtrusive design.

With its slim and unobtrusive design, the LINCOR LED luminaire draws an elegant line through the room, its contemporary minimalism enhancing room axes and architectural concepts.

Arranged as a double-length light line or a continuous-row system, it is an expression of maximum linearity. Efficient LED technology takes full effect in a section of only 63 mm square – resulting in high-quality indirect/direct lighting.



zumtobel.com/lincor



2014



reddot award 2014
winner

LINCOR
Surface-mounted
luminaire

LINCOR
Pendant
luminaire

LINCOR
TECTON



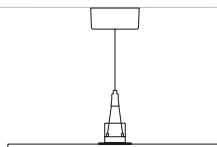
VAERO

Purism in perfection.

VAERO is more light than luminaire. Its design language – streamlined and clear in the true sense of the word – discreetly integrates into any room architecture, making it the ideal choice for various office areas: from the classic workplace environment to the creative communication zone. Adapted to the requirements of contemporary office spaces, VAERO delivers ergonomic, maximum-precision work lighting. A balanced direct/indirect beam gives spaces an atmosphere that has a stimulating effect on user well-being.



zumtobel.com/vaero



VAERO
Pendant
luminaire



reddot award 2018
winner



SCONFINE

**Extending the dimensions of a room –
light that dissolves spatial boundaries.**

Partially transparent and mirrored with chromium or bronze. As well as generating direct light, materialisation such as this also generates reflections in the body of the luminaire, which gives it a floating character.

The SCONFINE LED combines all of the advantages of LED technology with room-determining aesthetics.



zumtobel.com/sconfine



SCONFINE 170
chrome, bronze



SCONFINE 250
chrome, bronze



SCONFINE 500
chrome, bronze

Design:
Matteo Thun



LINARIA

A slender line that consistently gives preference to the architecture.

The creation of elegant light lines is the main purpose of the delicate LINARIA LED batten luminaire. This is made possible by various lengths that can be joined to form light lines.

At a system efficiency of approximately 140 lm/W, LINARIA LED presents itself as a trend-setting lighting solution with class.

LINARIA LED has many assets.



zumtobel.com/linaria



LINARIA
Ceiling
surface-mounted



LINARIA
Ceiling recess



LINARIA
Pendant luminaire



Design:
Klaus Adolph



KAVA

Asymmetric radiating wall-mounted luminaire.

The square recessed wall luminaire ennobles any room – through its elegant design and mellow light. The asymmetric reflector guides light directly to the floor or ceiling, the luminaire itself blending into the background. That's how the KAVA LED tackles the strict geometry of vertical surfaces and produces refreshing lighting effects.



zumtobel.com/kava



KAVA LED
Q110



KAVA LED
Q220

LINELIGHT

Bending the rules by reshaping lines.

A new type of alignment extends the arch of architectural design. LINELIGHT creates an extravagant sense of space with light that leads seamlessly around every corner. Expressive arches of light skillfully master every curve – without dark spots. The luminaire can also be tilted by 30 degrees on both sides to fully exploit the design potential.



zumtobel.com/linelight



LINELIGHT

L160, L310, L610, L910, L1810





FREE-STANDING LUMINAIRES

ARTELEA	106
LINETIK	108
CANDILEA	110
EPURIA	111



ARTELEA

For freedom and sustainability without compromise.

Sustainable without compromise. Not restricted by architecture.

Office lighting for generations to come. ARTELEA, the first Zumtobel product to be certified in accordance with the new, strict Cradle to Cradle Certified® Product Standard Version 4.0, represents and radiates all this and more. Developed in accordance with the Zumtobel Circular Design Rules (CDRs), which have been heavily influenced by the Cradle to Cradle concept, this modular design is available in nine different variations. ARTELEA brings the changing patterns of daylight to indoor spaces. Plug, play & shine – the future of office lighting is at your finger tips.



zumbel.com/artelea



ARTELEA
Single head



ARTELEA supreme
Double head



ARTELEA
Wall mounting



“The ARTELEA free-standing luminaire series adheres closely to the criteria of circular design. An innovative docking port system enables the freestanding luminaire to be reconfigured or modified at a later date, making ARTELEA the perfect solution for future-proof, long-lasting and flexible office applications.”

Design: Harald Gründl, E005





LINETIK

Impressive lighting comfort in a striking design.

The LINETIK line of free-standing luminaires enables you to create solutions for unusual room shapes with complete flexibility. The long lighting head illuminates workspaces with a uniquely even and balanced light of around 500 lux, ensuring full compliance with the requirements of EN 12464.

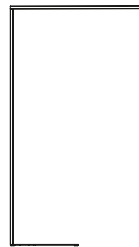
Indirect light directed towards the ceiling generates a welcoming atmosphere in your space.



zumbobel.com/linetik



LINETIK
Pendant luminaires



LINETIK
Free-standing luminaires



"LINETIK shows which possibilities there are today in LED and control technology to provide the user with the maximum lighting comfort. LINETIK is unobtrusive and integrates in every office landscape; nevertheless it is an expressive design statement."

Design: F Mark Ltd,
Luke Smith-Wightman



reddot award 2019



Design:
Zumtobel

CANDILEA

Because function is key.

Simple, beautiful, quick to install –
CANDILEA features a clever design
paired with elegant lines. Timeless
design for the changing world of work.



zumtobel.com/candilea



EPURIA

Free-standing and straightforward.

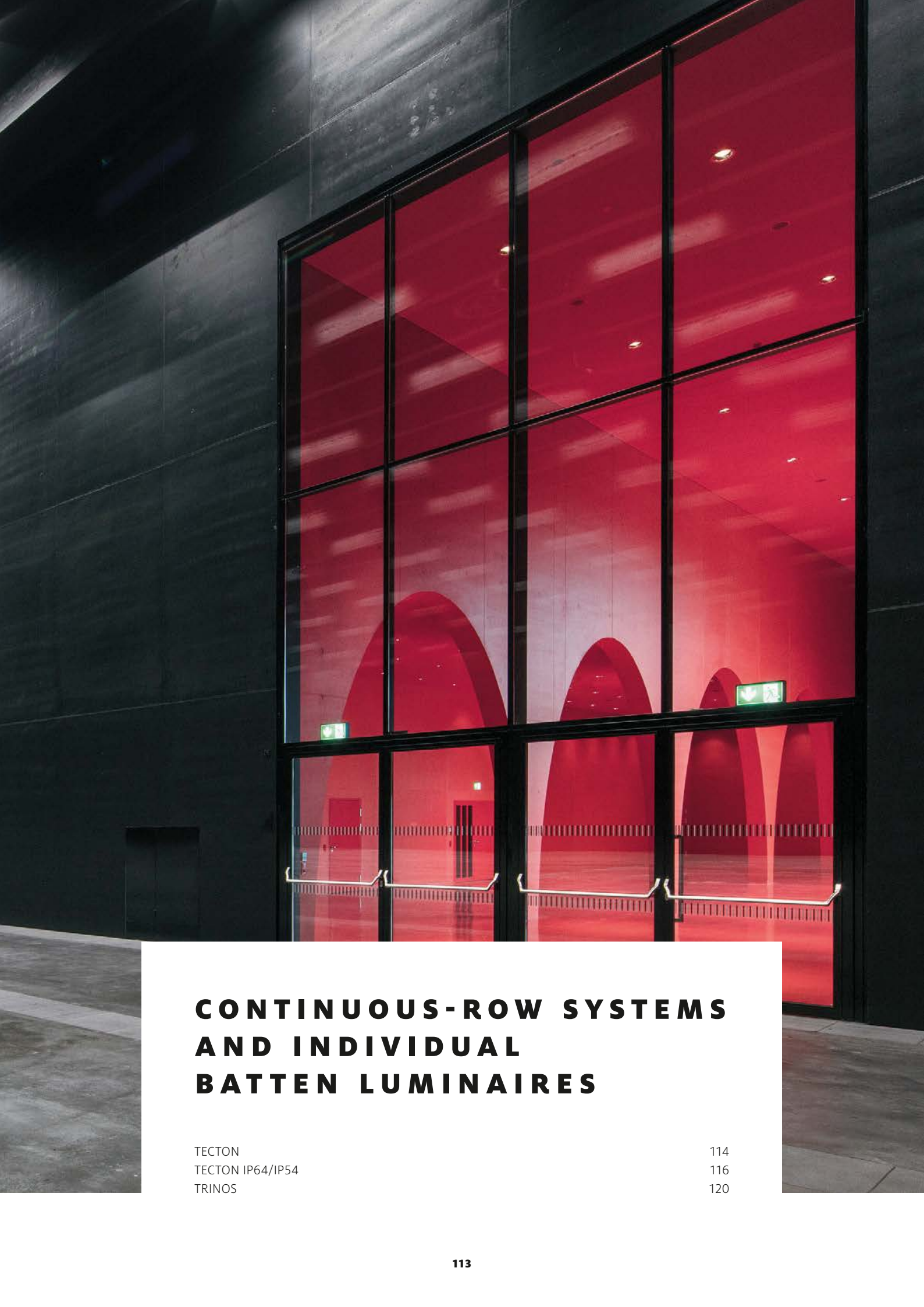
The design language of the linear EPURIA luminaire is simple yet modern. User-friendly flexibility allows the luminaire to be easily integrated into any office layout. The soft indirect lighting combined with homogeneous, direct light that effectively reduces glare provide atmospheric lighting for any room.



zumtobel.com/epuria



Exhibition Hall, Dornbirn | AT



CONTINUOUS-ROW SYSTEMS AND INDIVIDUAL BATTEN LUMINAIRES

TECTON
TECTON IP64/IP54
TRINOS

114
116
120



TECTON

An efficient lighting system.

With an 11-pole current-conducting section built into the trunking, this system comes ready equipped to meet tomorrow's needs. All functions such as power supply lighting control and connection to emergency lighting are seamlessly integrated into this multifunctional trunking. Luminaires can be positioned flexibly and the system can be adapted to suit structural alterations at any time.



zumtobel.com/tecton

TECTON industry



ECOSIGN TEC

TECTON C

PST

TECTON C

TECTON retail



PURESIGN TEC

TECTON C

VIVO II TEC

TECTON C



“Democratic design – for us this means above all creating a product that guarantees optimum lighting conditions, no matter whether for factories or shopping centres. TECTON performs complex functions efficiently and unobtrusively.”

Design: Nicholas Grimshaw and Billings Jackson Design



reddot design award winner 2012



TECTON IP64/IP54

IP – two letters, one promise: TECTON IP64/IP54 makes the advantages of the tried-and-tested continuous-row lighting system available for demanding industrial environments. The dust-proof and splashwater-proof TECTON IP64/IP54 variant can be used wherever metal, wood or paper is processed, food is kept cool, or car parks are lit. Quick, tool-free installation. 100% flexible – can be fitted with general lighting, safety lighting and lighting management.



zumtobel.com/tecton_ip

IP64/IP54



ECOSIGN TEC

TECTON C IP64/IP54

MSENS HC TEC

TECTON SYSTEM OVERVIEW

SUSPENSION			
	Ceiling ¹⁾	Caddy Clip	Wall ¹⁾
TRUNKING			
	Electric feed ¹⁾	Trunking ¹⁾	Node connector
CONTINUOUS-ROW LUMINAIRES			
	TECTON C ^{1) 3)}	Wide Beam ¹⁾	Very Wide Beam ¹⁾
	TECTON MPO ³⁾	TECTON BASIC ³⁾	TECTON MIREL
INDUSTRIAL LUMINAIRES			
	CRAFT II performance ¹⁾		CRAFT II plus ¹⁾
OFFICE LUMINAIRES			
	LINCOR	ECOOS II	MELLOW LIGHT
SPOTLIGHTS			
	INTRO	VIVO II	PANOS infinity pendant
EMERGENCY LIGHTING			
	RESCLITE PRO ²⁾	CROSSIGN ²⁾	ECOSIGN
LIGHTING MANAGEMENT			
	PST ²⁾	MSENS MC/HC ²⁾	basicDIM Wireless ²⁾
ACCESSORIES			
	Glare Control mounting optics ¹⁾	Cable duct	Strain relief ¹⁾



Chain¹⁾



Cord¹⁾



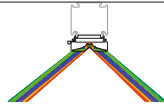
Individual trunking¹⁾



Narrow Beam¹⁾



Shelf Beam¹⁾



Wide Shelf Beam¹⁾



Wallwasher¹⁾



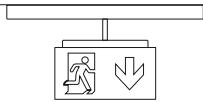
AMPHIBIA



PERLUCE



CLARIS evolution



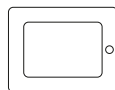
PURESIGN



ED-EYE



ED-SENS



LITECOM



DIMLITE pro²⁾



Socket element



Plastic cover¹⁾



Cable grip¹⁾



TECTON
continuous-row
system and
components

¹⁾ IP64 available

²⁾ IP54 available

³⁾ LABS-compliant



TRINOS

IP65 continuous-row system.

Almost endless. For the first time ever, customers can specify a lighting solution that combines the flexibility and practicality of a trunking system with the rugged durability of an IP65 luminaire. The unprecedented use of three sealing components shows how TRINOS has been specifically designed to guarantee optimum protection and performance at all times.



zumtobel.com/trinos



Suspension
and trunking

Sealing
profile

Through-
wiring

LED batten
luminaire

Sealing cover and
sealing end cap





HIGH-BAY LUMINAIRES

CRAFT II

124



CRAFT II

The Power Pack that lasts.

CRAFT II – is not just two powerful new high-bay luminaires. CRAFT II is more than that: it's the first generation of Zumtobel high-bay luminaires based on the platform principle. Not a fixed stand-alone solution, but a tailor-made system. Maximum performance. And perfectly adapted to the requirements of the relevant operation.



zumbel.com/craft2



CRAFT II performance
The robust lightweight



CRAFT II plus
The unbeatable power pack

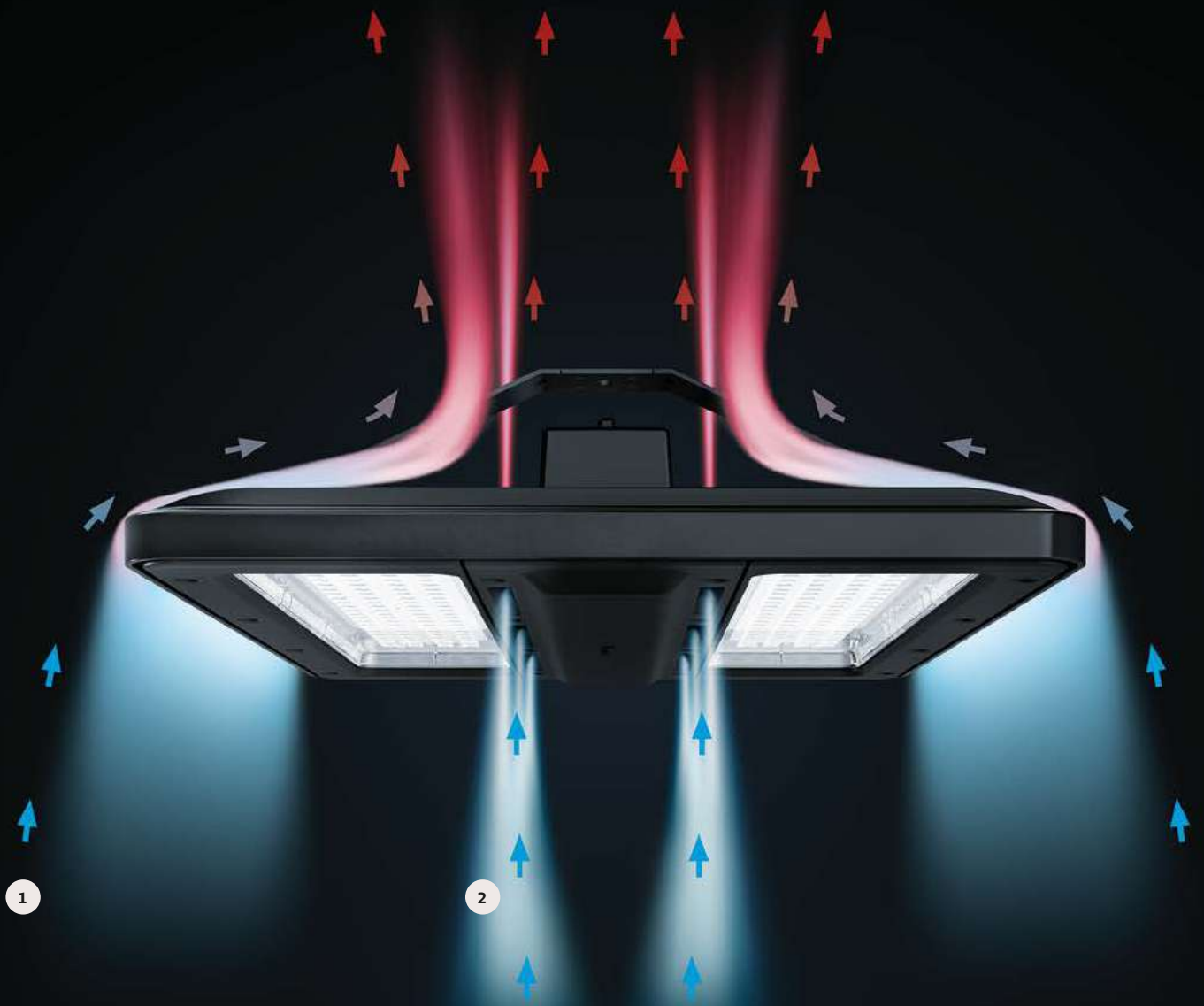
Sustainably produced, powerful in action: housed in a lightweight yet sturdy sheet steel housing, the CRAFT II performance is a highly efficient high-bay luminaire. Extremely versatile thanks to six different light distribution curves. And with housing "Made in Germany", in a zero-carbon production process.

Protective shield made from a single mould: CRAFT II plus is created using the aluminium die-casting process. The luminaire is distinguished by its impressive resilience and revolutionary thermal management – even when faced with challenging ambient temperatures and extreme mechanical or chemical stresses.

M, L
Surface-mounted, pendant, recessed, TECTON continuous row, light channel
LABS-compliant
- 25 to +65 °C

M, L
Surface-mounted, pendant, recessed, TECTON continuous row, light channel
IP69, LABS-compliant
- 40 to +70 °C





CRAFT II

Revolutionary thermal management.

The CRAFT II plus uses two fundamental principles of physics, the Venturi effect and the Coandă effect, to cool and clean itself. The result: the innovative high-bay luminaire is in a completely different class from its predecessor model and can withstand high ambient temperatures (up to 70°C) – throughout its entire life time of around 100,000 hours. To achieve this, CRAFT II plus relies on an intelligent interplay of air pressure, air speed and air temperature. And all in an aluminium housing with excellent thermal conductivity.



zumtobel.com/craft2

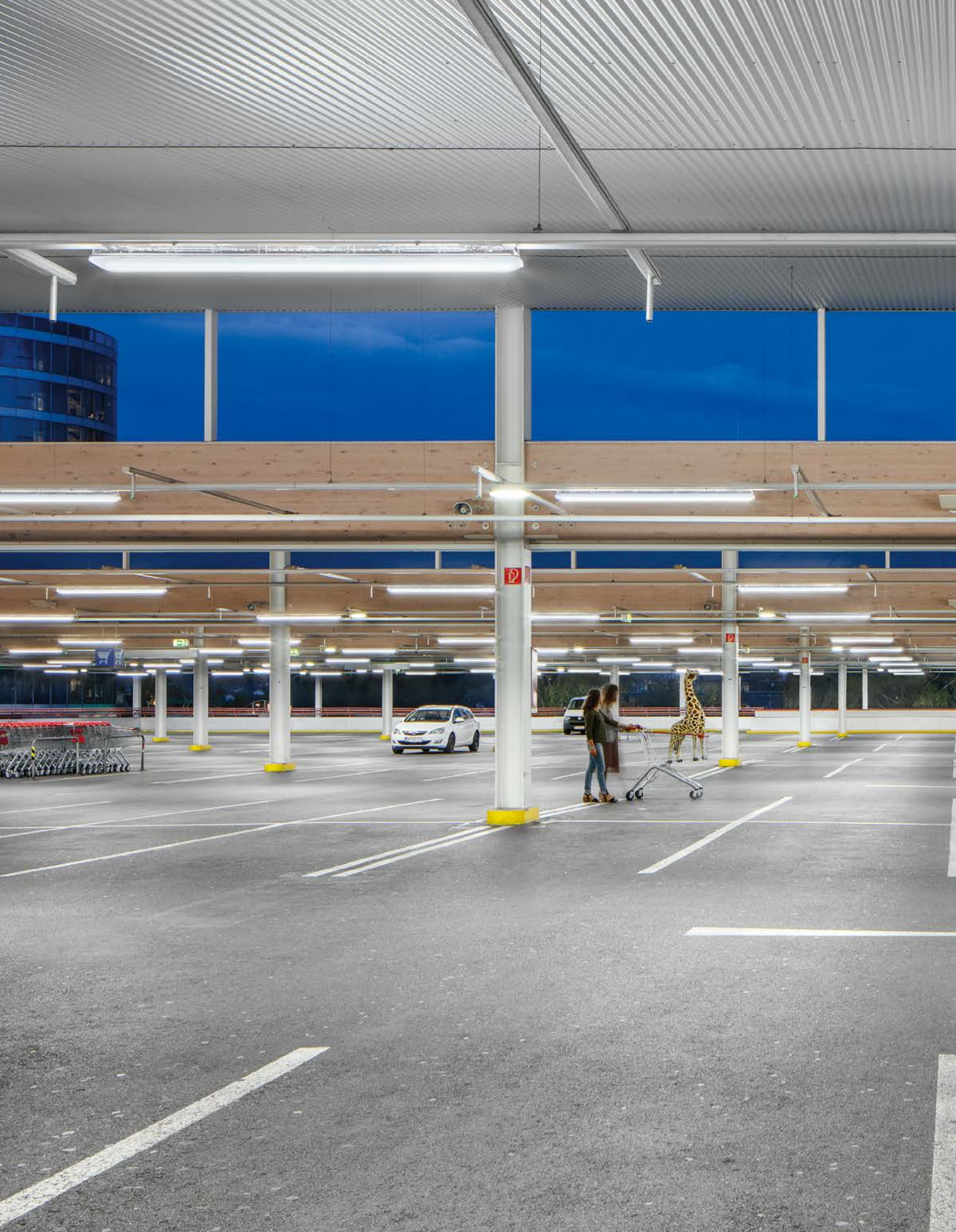
1

Self-cleaning thanks to the Coandă effect.

The Coandă effect is a principle of physics used in the aviation industry and applied to CRAFT II plus: a pressure imbalance presses the airflow against the curved surface of the luminaire. This efficiently cools the LED boards in particular. At the same time, the airflow also removes everyday dust from the surface of the luminaire.

2

Efficiently cooled thanks to the Venturi effect. Specially designed nozzles in the body of CRAFT II plus generate negative pressure – and thus ensure that the air circulates at a high speed between the LED drivers and LED boards. The so-called Venturi effect cools the CRAFT II plus luminaire very efficiently and allows the power pack to be operated even at extremely high ambient temperatures.



Messepark multi-storey car park, Dornbirn | AT



LUMINAIRES WITH EXTRA PROTECTION

CLEAN II	130
PERLUCE	132
AMPHIBIA	133
TUBILUX	134
COESA	135
EXENEO	136
KXB	137



CLEAN II

Pure light you can rely on.

High hygiene demands, different light colours for specific tasks, space-saving; CLEAN II supreme meets all of these requirements. This cleanroom luminaire has been developed in accordance with strict hygiene principles, meets all legal requirements, and is highly efficient. The result is effective lighting for all visual tasks in the cleanroom. Form follows function.



zumbel.com/clean

Certified: ISO 1-9 (according to EN14644-1)

Hygienically designed and GMP certified

IP65 or IP65/IP50

up to 50 °C



CLEAN II industry*
Recessed luminaire



CLEAN II supreme
Recessed luminaire



CLEAN II supreme
Recessed
top-mounting
luminaire



CLEAN II supreme
Surface-mounted
luminaire



*HACCP



PERLUCE

Both simple and stable.

Luminaires with extra protection are used when the primary requirement placed on a fit-for-purpose lighting solution is better protection and simpler maintenance. PERLUCE is a closed lighting system that sets new standards in terms of everyday usability and combines this with a variety of optics, protection classes up to IP54 and various models. Its deliberately utilitarian materials are reflected in its functional design. Its plain, unpretentious stylistic idiom gives precedence to the architecture of the room: light, not the luminaire, is the centre of attention.



zumtobel.com/perluce

PERLUCE with LRO optics	PERLUCE with opal optics
Reduced luminance	Diffuse beam
Highly efficient glare control	Gentle ceiling brightening
For screens with a flat incline	Smooth, easy-to-clean surface
Flexible table layout	



Design:
Studio Ambrozus

PERLUCE
square
opal

PERLUCE
linear
opal, LRO

PERLUCE
round
opal



AMPHIBIA

Built to resist.

Both on land and in water. Both powerful and durable: 'amphibios' is an Ancient Greek word meaning 'both kinds of life'. True to its name, the AMPHIBIA moisture-proof luminaire offers excellent light output in challenging industrial applications. Dust-tight and protected against splash water. Temperature-resistant as well as resistant to chemical and mechanical influences. A robust product family for versatile tasks.



zumbel.com/amphibia

PMMA plus, Chemo or PC

up to IK08 (PC)

IP66, LABS-compliant

-40 to +54 °C



AMPHIBIA
linear



AMPHIBIA
round





TUBILUX

Tubular luminaires for demanding conditions.

TUBILUX combines aesthetic minimalism with maximum resistance. No edges, no grooves, no weak points. And nothing that stands in the way of being integrated in an architecturally attractive manner. In fact, the all-round perfect tubular luminaires manage to hold their own even in the most demanding environments.



zumtobel.com/tubilux

IK08/IK10

IP68/IP69K

-20 to +50 °C



TUBILUX



**TUBILUX
XT**

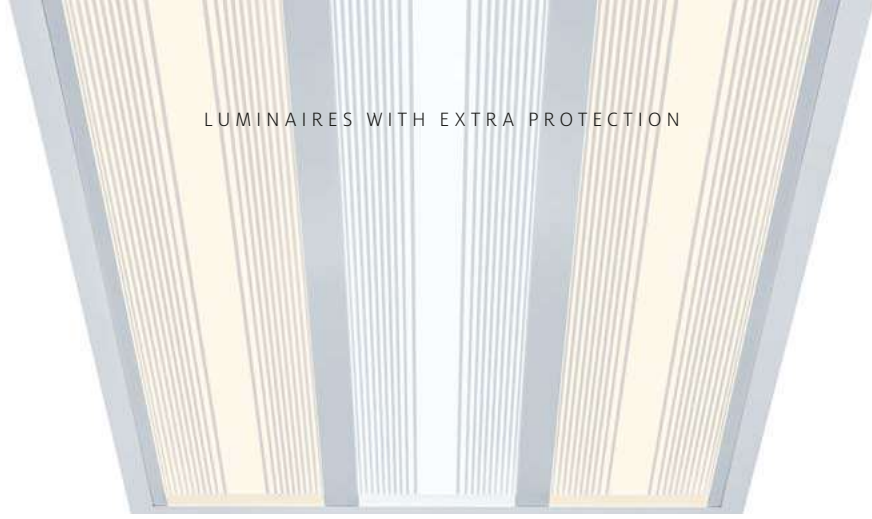


**TUBILUX
HO**



**TUBILUX
slim**

LUMINAIRES WITH EXTRA PROTECTION



COESA

Quality lighting for quality control.

Intelligent machines are increasingly replacing manual labour, yet people are still crucial when it comes to quality control. Why is that? The human eye has the unique capacity to check for subtle flaws and irregularities on different surfaces. However, detailed inspections can only be performed effectively in optimal ambient conditions – making quality lighting an essential part of the surface inspection.



[zumtobel.com/coesa](https://www.zumtobel.com/coesa)

LABS-compliant



COESA
small



COESA
middle



COESA
wide



EXENEO

Future-proof explosion protection.

Developed for the most adverse environmental conditions in potentially explosive atmospheres (zones 1/21). Resistant to moisture, dust, gases and extreme temperatures: EXENEO combines a strong protective housing with optimal thermal management as well as state-of-the-art LED technology. A modular design that looks to the future: all the components can be individually replaced and upgraded. Smart installation, simple maintenance and optimised life time included.

EXENEO – the future-proof ATEX-certified industrial luminaire.



zumtobel.com/exeneo

Explosion protection

-40 to +55 °C

Gas ATEX Zone 1

Dust ATEX Zone 21



EXENEO

Single and double luminaires



K X B

Explosion- and moisture-proof luminaire.

Resistant and reliable moisture-proof luminaire for zone 2/22 in potentially explosive areas. The housing made of glass-fibre reinforced plastic together with a polycarbonate cover offers excellent protection against environmental influences (IK10, IP66). An optional integrated emergency light function (1.5 h/3 h) is also available.



zumtobel.com/kx

Explosion protection

-25 to +50 °C

Gas ATEX Zone 2

Dust ATEX Zone 22



K X B

Sizes S (760 mm),
M (1360 mm), L (1660 mm)





LIGHTING MANAGEMENT

LITECOM	140
LITENET	142
basicDIM Wireless	143

 ZUMTOBEL

LITECOM

LIGHTING MANAGEMENT SYSTEM

LITECOM

Next-generation lighting management.

LITECOM offers a wide range of interfaces and control units for a variety of applications, rooms and people. From traditional momentary-action switches and touch panels for wall installation to apps and web-based user interfaces.

Clear and self-explanatory for seamless commissioning and intuitive daily use. By means of various interfaces, LITECOM can be easily connected to other systems.



zumbel.com/litecom

Certified DALI-2 system	Venetian blind control with protective functions
Commissioning assistant	Time and calendar entries
Light scenes and shows	Logical links
Motion-dependent automation	User management
Daylight integration, including sun position-dependent integration	Interfaces to other systems, e.g. BACnet



LITECOM
Controller

Connected
LITECOM system
up to
2,500 addresses

LITECOM infinity



LITENET

Flexible lighting management system.

With LITENET, the optimum utilisation of daylight is a simple task. The amount of daylight currently available for each room is calculated by using data from a central daylight sensor, and the difference between the actual value and target value is continuously supplemented with artificial light. Blinds are controlled accordingly to prevent excessive heat and glare but nevertheless let through as much diffuse daylight as possible. The system can be adjusted to suit individual needs at any time. LITENET is particularly suitable for system sizes of up to 10,000 luminaires or Venetian blinds.



zumtobel.com/litenet



LITENET flexis



BASICDIM WIRELESS

State-of-the-art lighting controls do not need cables.

Luminaire and app. No extra cables. No additional control components. The basicDIM Wireless lighting controls for individual rooms adapt effortlessly, whatever the situation – whether in a new building or an existing space, for additional luminaires or a lighting conversion. Even sensors and wall switches can be integrated easily and wirelessly. basicDIM Wireless can also be combined with LITECOM by means of a DALI gateway, so that emergency luminaires can also be monitored wirelessly, for example.



zumtobel.com/basicdim



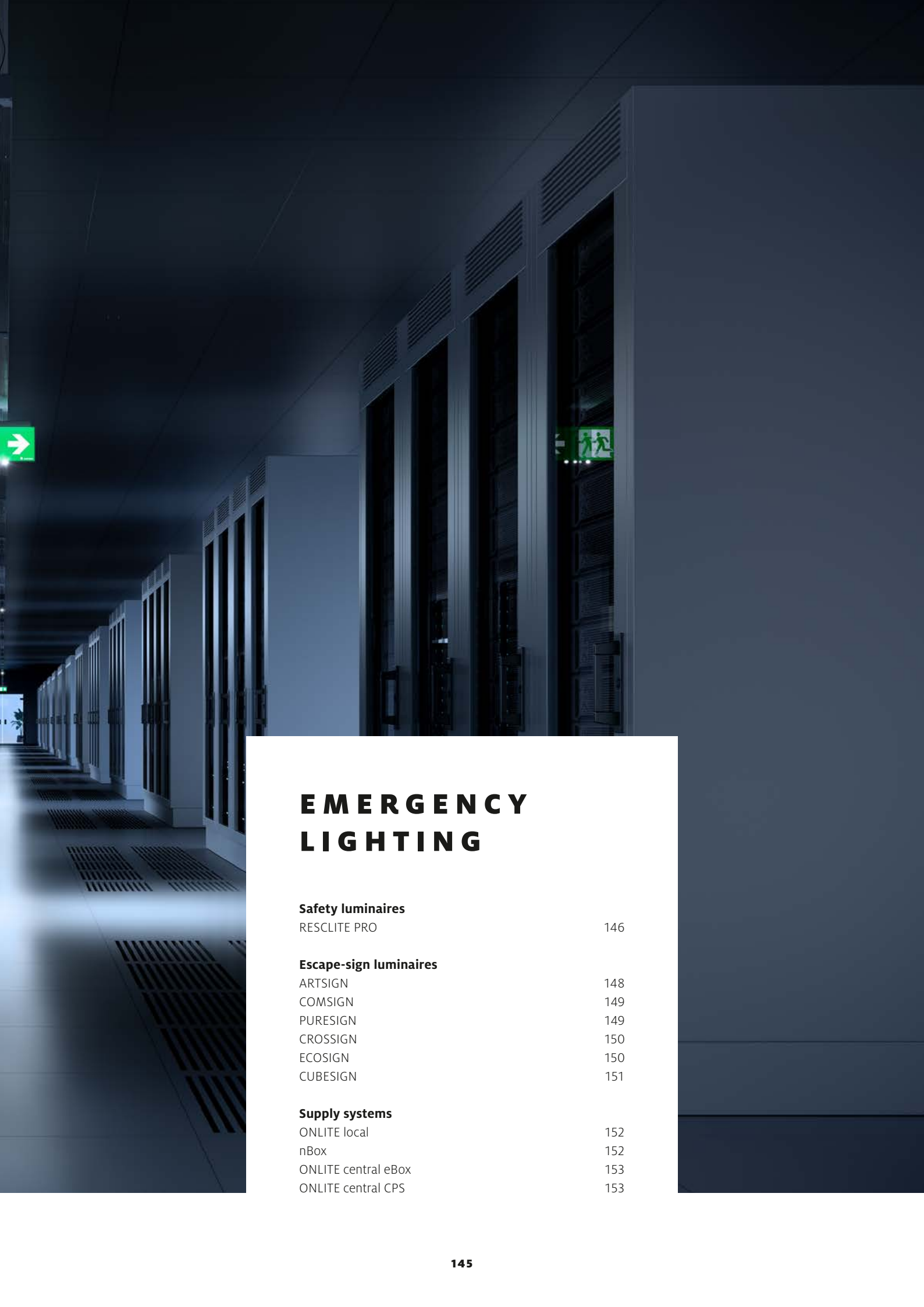
4remoteBT App



basicDIM Wireless Luminaire

Optional:
Wall switches
Sensors
Gateway





EMERGENCY LIGHTING

Safety luminaires

RESCLITE PRO 146

Escape-sign luminaires

ARTSIGN 148

COMSIGN 149

PURESIGN 149

CROSSIGN 150

ECOSIGN 150

CUBESIGN 151

Supply systems

ONLITE local 152

nBox 152

ONLITE central eBox 153

ONLITE central CPS 153



reslitewebapp.zumtobel.com

RESCLITE PRO App

The RESCLITE PRO app makes emergency lighting planning a breeze: After only 3 clicks, the chosen mounting distances between two luminaires and those for the wall are displayed for the chosen mounting height. An article number is displayed automatically and linked directly to the data sheet for further information. The app is available as a homepage for laptops or as a dedicated smartphone app (iOS and Android).

RESCLITE PRO SAFETY LUMINAIRE

Guides your way.

RESCLITE PRO guides people in an emergency safer and smarter than ever before. Thanks to innovative optics, this small powerhouse meets all the requirements of emergency lighting, combining minimalist design with the highest technical standards.



zumtobel.com/resclite

ESC escape route	ANTHC antipanic HC
ESC90 escape route 90	ANT antipanic
ESCW escape route W	
ESC HC escape route HC	Spot



RESCLITE PRO
recessed mini



RESCLITE PRO
recessed



RESCLITE PRO
surface-mounted
IP40/IP65



RESCLITE PROTECT
surface-mounted
Ceiling/Wall

RESCLITE PRO safety luminaires are LABS-compliant.

ESCAPE-SIGN LUMINAIRES



signwebapp.zumtobel.com

Escape-sign luminaire app

Finding the perfect solution is quick and easy: with just a few clicks, the Zumtobel escape-sign luminaire app takes you to the best product for the application and enables simple lighting design for the ERI spots. The app is available in a web version and as a native app for iOS and Android.

ARTSIGN

The small design sensation.

ARTSIGN is the smallest escape sign luminaire in the Zumtobel portfolio. With a recognition range of 15 m, it is roughly the size of a postcard and blends harmoniously into any room. LED technology supports reliable operation over a long life time with absolutely no maintenance.



zumtobel.com/artsign

IP40

Recognition distance 15m
EN 1838 | DIN 4844

Design: Matteo Thun



COMSIGN

The peak of LED technology.

COMSIGN is simply perfect – in many ways. Thanks to the transparent acrylic glass, the luminaire appears to float in the room. A surface-mounted element in high-quality aluminium rounds off the delicate design. The gently curved wedge shape takes on both aesthetic and functional tasks.



zumbel.com/comsign

PURESIGN

Great lighting technology in a slender design.

Zumbel has collaborated with the renowned EOOS design studio to develop emergency sign luminaires that fuse clear functionality with an elegant design – a look so sophisticated that PURESIGN won the iF Design Award. Boasting a width of just 20 mm, this slimline luminaire is strikingly elegant, even in the duplex version.



zumbel.com/puresign

IP42

Recognition distance 30m
EN 1838 | DIN 4844

Design: EOOS

IP42

Recognition distance 30m
EN 1838 | DIN 4844

Design: EOOS





CROSSIGN

A multitalent for every application.

Equipped with the latest LED technology, the CROSSIGN all-rounder is fully prepared for a highly efficient future. The specially developed PMMA lens distributes the light uniformly across the entire pictogramme.



zumbel.com/crossign

ECOSIGN

The highly flexible all-rounder.

The all-rounder of the Zumtobel escape sign luminaire portfolio combines many different qualities in a single luminaire. Whether in industrial warehouses or car parks, a high degree of protection means that the ECOSIGN is well equipped for any application. With a recognition range of 32 metres, a variety of installation options and tool-free maintenance, this solution is flexible in every way.



zumbel.com/ecosign

CROSSIGN 110	CROSSIGN 160
IP42	IP42/IP54, LABS-compliant
Recognition distance 22m	Recognition distance 32m
EN 1838 DIN 4844	EN 1838 DIN 4844
Design: E005	

IP65
Recognition distance 32m
EN 1838 DIN 4844
Design: Matteo Thun



CUBESIGN

Emergency sign cube for large-scale marking of escape routes.

With pictogrammes printed on three sides, this cube-shaped escape sign luminaire is the ideal solution for high halls and rooms. With a viewing range of 42 metres, CUBESIGN exploits the benefits of modern LED technology.



zumtobel.com/cubesign

IP40

Recognition distance 42m

EN 1838 | DIN 4844



zumtobel.com/prosettools

PROset tools:

PROset pen and PROset app

Thanks to the PROset technology, the luminaire can be addressed and configured contactlessly and in a matter of seconds. Simply attach the PROset pen or PROset app to the control gear, and the luminaire is configured.

SUPPLY SYSTEMS



ONLITE LOCAL

The emergency lighting system with self-contained power supply.

Self-contained emergency lighting systems have one feature in common – the battery fitted into every luminaire. In emergency operation, this provides the lamp with power so, for example, it can prevent panic reactions, ensure the safe evacuation of the workplace and illuminate the escape route.



zumtobel.com/ONLITE%20LOCAL

Small and medium-sized properties

Extremely easy to install

Auto test or system monitoring using DALI or Bluetooth®

NBOX

Magnificantly small group battery system.

A group battery system with dimensions as small as this is rare. Yet the nBox effortlessly outshines similar systems. With 48 V low voltage, state-of-the-art communication technologies and handy apps, technical variety is seen in its best light: Secure. Simple. And reliable.



zumtobel.com/central

Medium-sized properties

Extremely easy to install in the fire zone

System monitoring using POWERLINE



ONLITE CENTRAL EBOX

The efficient, intelligent central battery system that's extremely easy to install.

The ONLITE central eBox is a central battery system optimised for efficient LED technology. Both power consumption and the number of batteries required have been minimised.



zumtobel.com/ebox

Medium to large properties

Flexible modularity

System monitoring using DALI, POWERLINE or circuit monitoring



ONLITE CENTRAL CPS

Connected central battery system that adapts to your project.

As a modular system, this central battery system adapts precisely to the project and customer requirements as necessary. The system is available with DALI communication or as a circuit monitoring system.



zumtobel.com/central

Large properties

Adapts to the project

System monitoring using DALI or circuit monitoring



Weisskirchen Primary School, Weisskirchen | AT



REFURBISHMENT

Lighting refurbishment for the circular economy	156
Refurbishment kits	158
Pilot project for ReUse and High-Value-Recycling	160



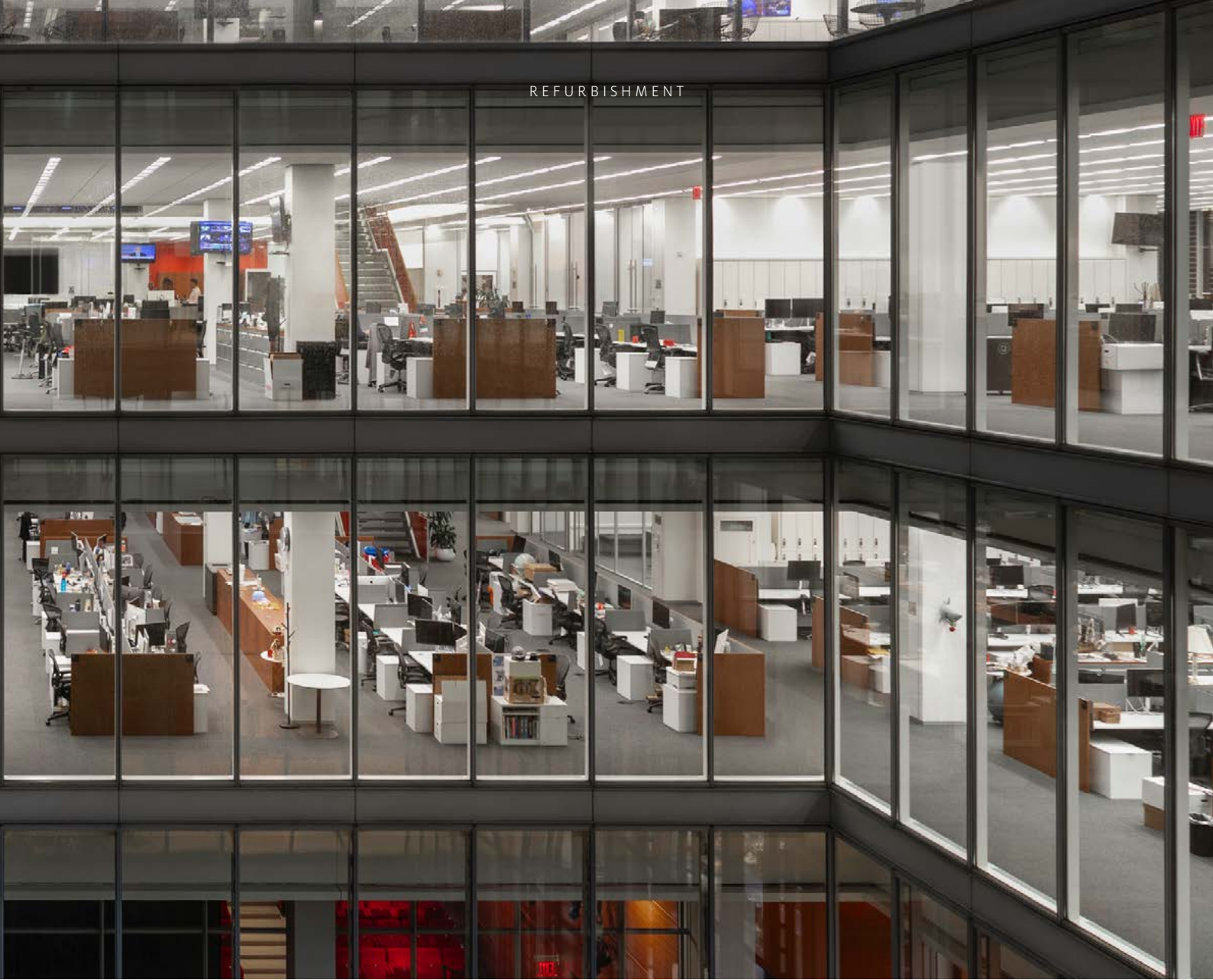
The New York Times, New York | US

LIGHTING REFURBISHMENT FOR THE CIRCULAR ECONOMY

While the construction and early usage phase of a building is primarily about saving energy and reducing CO₂ emissions, being able to flexibly repurpose, redesign or modernise existing spaces becomes particularly important in the second phase of the building life cycle (Reduce, Reuse and Recycle).



connect.zumtobel.com/lighting-refurbishment-through-refurbishment-kits



Refurbishment kits

This flexibility is currently required for refurbishments needed due to the discontinuation of fluorescent and halogen lights within the EU by 2023, which stipulates a switch to more sustainable LED luminaires. For refurbishment projects in particular, Zumtobel offers lean solutions that achieve maximum added value with minimum effort: using refurbishment kits as special or standard solutions, for SLOTLIGHT, PANOS, ONDARIA, MIREL/MIRAL, CLEAN and pendant luminaires such as CLARIS for example, a key loop in the maintenance/upgrade cycle of the circular economy can be closed.

Advantages of the refurbishment kits

Instead of replacing the entire luminaire, the refurbishment kits mean that only parts need to be renewed or replaced. This has many advantages: existing resources remain in use in the long term. This promotes decarbonisation – and reduces costs. Because there's no need to invest in an entire new luminaire. The customer is also spared extensive refurbishment measures on the building because in many cases the ceiling does not have to be changed or damaged. The product stays on site and moves into a second phase of use. This renewal process

helps to improve the quality of light and reduce CO₂ emissions.

A look to the future

Zumtobel is already thinking ahead when it comes to the idea of the circular economy: more and more offers for taking back or reusing products are also being developed, such as with our partner Concular, at present active in Germany, Austria and Switzerland (partially).



District Administration Feldkirch, Feldkirch | AT

REFURBISHMENT KITS



MIREL and MIRAL

New MIREL luminaires with LED replace 1:1 the old fluorescent lamp versions. For asset preservation, project-specific refurbishment kits can be comfortably integrated into existing light chambers.



ZX and ZX2

For refurbishment existing ZX and ZX2 inserts are simply replaced by models with the latest LED technology. The selection includes optics from the TECTON C and MIREL product families as well as a free-emitting opal optic.



CLEAN

The LED refurbishment kits are a low-cost alternative for refurbishing CLEAN advanced or classic. The replacement is done quickly. Users benefit from improved light quality with lower maintenance and energy costs.



TECTON

TECTON offers tool-free refurbishment of fluorescent lamps to diverse LED solutions for new room and work requirements. In combination with safety luminaires, control components and sensors.



Graubündner Kantonalbank, Chur | CH
Before the refurbishment



Graubündner Kantonalbank, Chur | CH
After the refurbishment



SLOTLIGHT

For the simple changeover from a conventional T16 to an efficient and continuous LED solution, only LED battens and electrical cables need to be replaced before being securely closed with a new cover.



CLARIS evolution

The pendant luminaires can be easily replaced using the refurbishment kit. All mounting points and suspensions of the previous T16 model can still be used thanks to an adapter plate.



PANOS

Retrofit rings in various diameters enable old PANOS solutions to be quickly adapted to LED technology – without further measures on the ceiling.



ONDARIA

The resource-saving refurbishment of an ONDARIA T16 luminaire is carried out using a new LED device holder, which allows the existing housing to be retained.



PILOT PROJECT FOR REUSE AND HIGH-VALUE-RECYCLING

Working alongside Spar and carla Vorarlberg (a Caritas social enterprise), Zumtobel has reached a significant milestone in the reuse and high-value-recycling of TECTON luminaires and trunking. During the regeneration of Eurospar Lustenau and in close cooperation with the electrical installation company Klampfer as well as with carla Vorarlberg, TECTON luminaires and trunking units were carefully disassembled and installed in the Carla Vintage Store in Bregenz.



[sustainability.zumtobel.com/com-en/
our-sustainability-dimensions/
human-sustainability/pilot-project-eurospar](https://sustainability.zumtobel.com/com-en/our-sustainability-dimensions/human-sustainability/pilot-project-eurospar)

ReUse

In this product life cycle, the dismantled lights are tested for function and safety. If the luminaires were both functional and safe, they entered a second usage phase at the Carla Vintage Store in Bregenz.

**High-value-recycling**

The second recovery process focussed on the trunking materials used for the TECTON continuous-row lighting system. In this pilot project, the track materials were separated by type at the Dornbirn production plant. In collaboration with the supplier, the coated steel was reprocessed so that it can be recycled for the production of the next generation of TECTON luminaires.



72,4 kg of copper was recovered



91 kg of polypropylene was recovered



576 kg of steel was separated out and returned to the steel supplier





SERVICES

Light as a Service (LaaS)
Digital services

164
166



LIGHT AS A SERVICE

Light as a Service (LaaS) provides you with expert project management and turnkey lighting solutions from a single source. We will support you with project design and installation as well as throughout the entire operating life of your lighting system. This brings benefits for you not only in terms of sustainability, cost reduction and lighting controls but also in the form of the numerous possibilities offered by connectivity, system integration and digital services. Furthermore, lighting control and innovative luminaire technologies increase the quality of light and space as well as energy efficiency. LaaS also offers an innovative financial option: you can choose to rent your lighting at fixed monthly rates, avoiding high upfront investment costs.



Site audit (analysis)

We will visit your site to evaluate potential savings in energy costs and CO₂ emissions. This includes inspecting the lighting installation with a focus on energy efficiency, light quality and compliance with norms and regulations.



Turnkey services

Project management from project design to commissioning. Throughout the entire life cycle, we'll ensure the best light in your company. All from a single source.



Subsidy Management

We will advise you about available funding opportunities and support you with your grant applications if you wish.



Project design

We will provide you with individual support throughout the project design phase – from initial ideas to the final design. This can also include future digitisation steps, for example.



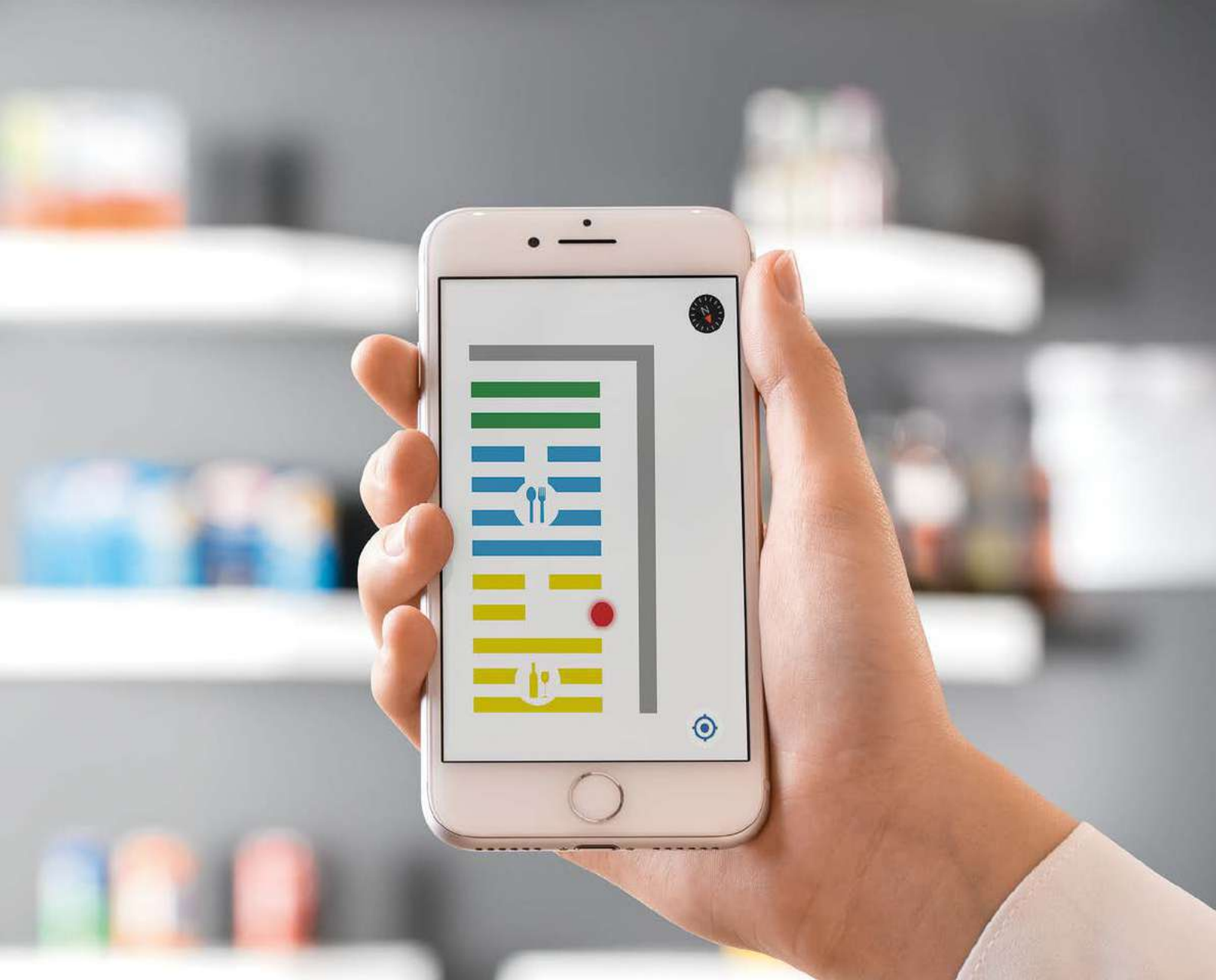
Installation

We will take care of the installation process – from removing and recycling the old luminaires to delivering and installing the new lighting.



Operation

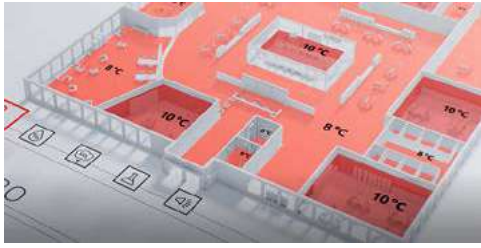
We will ensure that your lighting system works perfectly – throughout the entire agreed period.



DIGITAL SERVICES

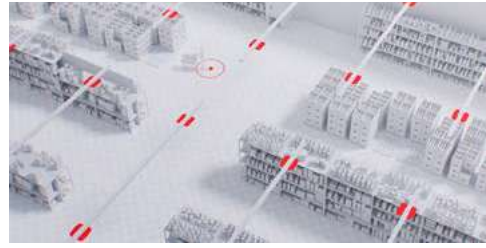
A high density of luminaires in buildings provides the ideal basis for collecting data from in-built sensors. Using the lighting network as the foundation for the Internet of Things has many benefits: sensors can be directly installed in luminaires and thus supplied with power. The lighting network can operate as a closed network and so offers an extremely high level of security and very low risk of interruption. In addition, the high bandwidth means that a large amount of data can be collected.

We provide various digital services based on this concept.



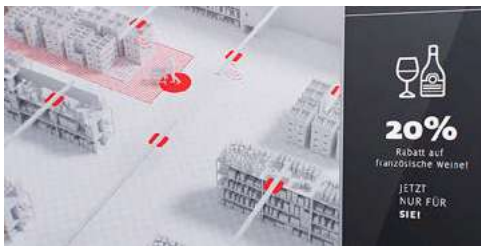
Ambient sensing

Sensors that can be easily integrated into the lighting infrastructure provide valuable information on temperature, humidity and air quality, as well as noise levels.



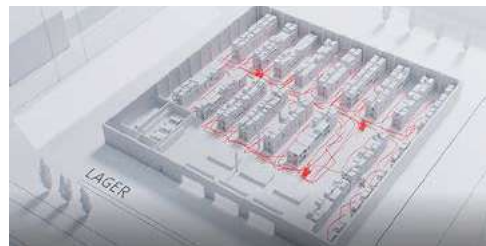
Asset tracking

Find, don't search. Locate important assets in real time via the lighting infrastructure.



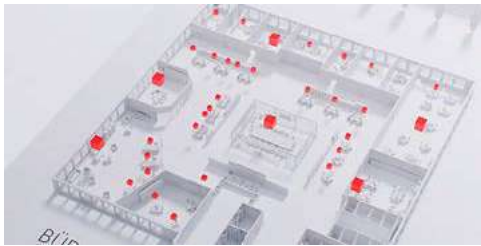
Geo notification

Get ahead of the competition. Use these location-based services to interact with your customers in a personalised way.



Indoor navigation

Create a fantastic shopping experience for your customers and new POS possibilities for your company with the help of the lighting infrastructure.



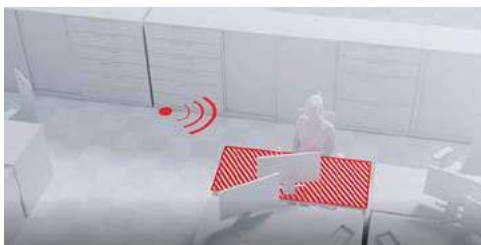
Light fidelity

For enhanced productivity, improved security and more possibilities. Use your lighting infrastructure for secure and uninterrupted data transfer.



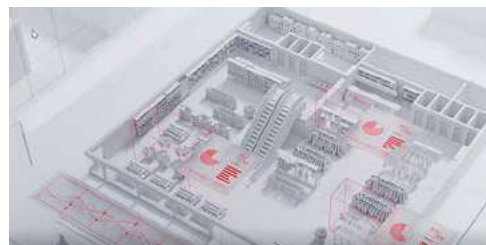
Remote monitoring

Optimal building use, real-time identification of faults, efficient energy use – all this can be documented and controlled both on site and remotely.



Space & desk management

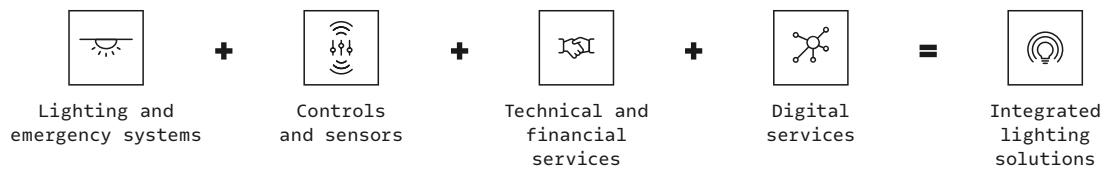
Data that is collected from the lighting infrastructure gives you important information on how you can make your spatial planning more efficient.



Store analytics

Collect valuable information about how long your customers stay in your sales area and what their movement patterns are. Locate hotspots for promotions or use the data to prevent large numbers of people from gathering in one place as a health and safety precaution.

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