

LIGHT FOR PRESENTATION AND RETAIL



ZUMTOBEL

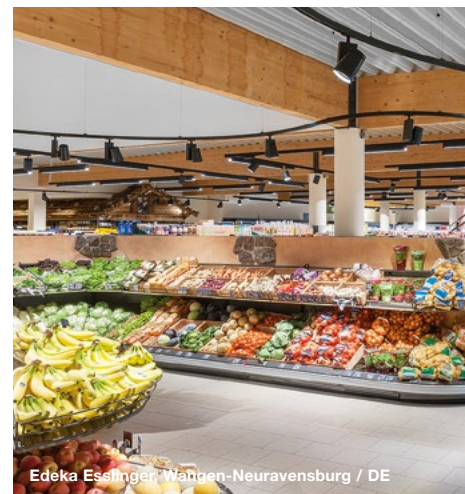


Light for Presentation and Retail

Shopping is increasingly turning into a deliberately staged leisure-time activity. Shopping centres and shops are transforming into adventure spaces that are designed to entertain visitors and get messages across. Light is used to evoke emotions and to create brand identities. Intelligently designed light can trigger impulses to buy and alter shopping behaviour. Light adds value, especially if the lighting concept and lighting control system can be handled as a single identifiable entity. Lighting scenarios that are geared towards specific target groups are becoming increasingly important in presentation and retail applications. Authenticity, customisation, the miniaturisation of luminaires and high-precision accent lighting are all crucial factors in the design of such lighting solutions. Energy savings and lighting management are decisive in achieving economic success through sustainability. Zumtobel makes it possible to implement solutions that meet both customers' needs and corporate requirements – thanks to the company's responsible actions, energy-efficient luminaires and totally flexible lighting solutions.

Zumtobel. The Light.

Applications

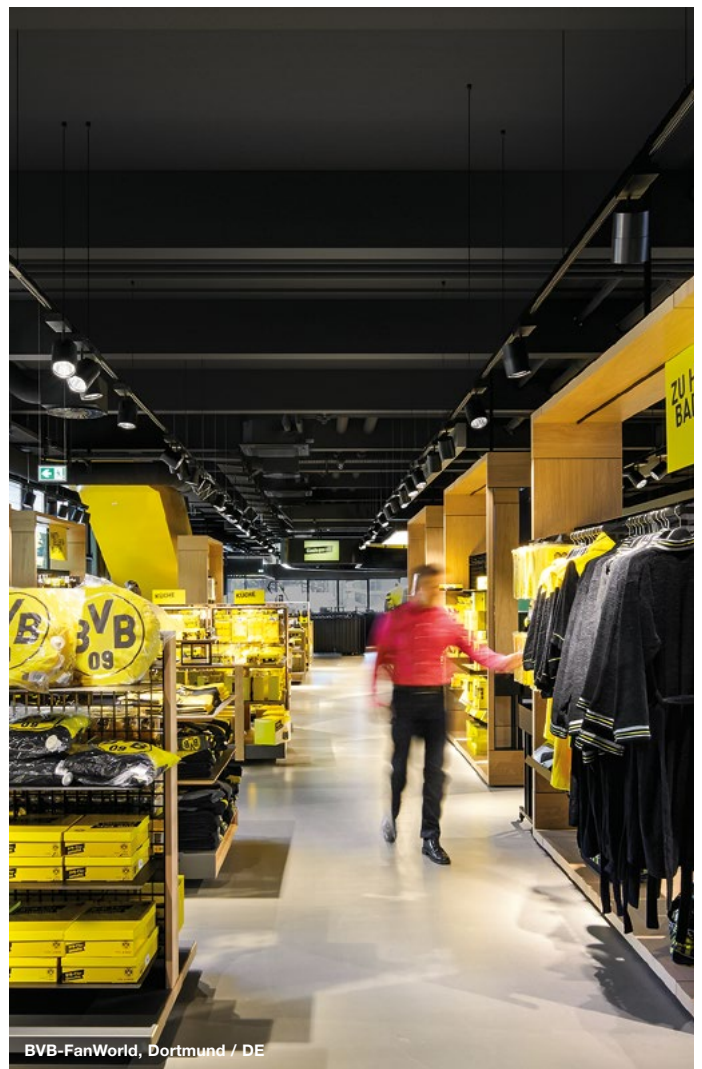




Swisscom Shop, Zurich / CH



Hödlmayr Classic Car Center, Schwertberg / AT



BVB-FanWorld, Dortmund / DE

References

AMAG / Apple / Armani / Audi / Autohaus Stegelmann / Baccarat / Bershka
BMW-Mini / Bon Accord Shopping Centre / Boutique Wellendorf / C&C Pfeiffer
Cantina Antinori / Casio / Coop / Daimler / Deichmann / Delhaize / Diesel / Edeka
Eurospar / Faces / Ferrari / Fressnapf / Globus / Hervis / Hödlmayr Classic Car
Center / Ikea / Juwelier Kern / Katakeet / Kenzo / KiKo / Krombacher Brauerei
L'Occitane / Ladurée / Levis / Lidl / Loewe / Louis Vuitton / Madura / Maison Ullens
Manzenreiter / Marché Franprix / Maximarkt / Mazda / McLaren Showroom / Messe
Basel / Metro Group / Mondrean Fashion / Nordsee / Oberrauch Zitt / Patek Philippe
Porsche / Porsche Design / Prada / Renault / Rewe / Schuhhaus Bödeker / Seat
Skinfit / Spar / Swarovski / T-Design / Tanagra / Tengelmann / The Kooples / Toyota
Toys R Us / Uniqlo / Volkswagen / Volvo / Wal-Mart / Weingut Maienhalde / Zara

Spar flagship store, Budapest / HU

Architects: LAB5 Architects, Budapest / HU

Lighting solution

CARDAN tunableFood LED ceiling-recessed luminaires

ONDARIA circular LED luminaires

TECTON LED continuous-row lighting system

VIVO L tunableFood/stableWhite LED spotlights



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Retail



Porsche Design, Düsseldorf / DE

Architects: plajer & franz studio, Berlin / DE

Lighting solution

DISCUS evolution LED spotlights

DISCUS evolution E2 semi-recessed LED spotlights

TALEX CHAIN LED cove lighting

Target group-adequate lighting

Light is an effective marketing tool. It has the ability to address target groups and differentiate brands.

Shop design is a crucial tool for sustainably entrenching brand messages against the backdrop of major brands which have increasingly global presences. Architects and designers who are capable of interacting strongly with a brand and engaging with the target group are a vital prerequisite for devising successful design concepts and developing a brand-specific design in agreement with all stakeholders. A perfect lighting solution stimulates the target group. Prolonged time spent in the shop will increase sales prospects. Once a target group-specific concept has been successfully implemented, it can be multiplied for local or global brand rollout on the basis of design guidelines.

Diesel flagship store, Vienna / AT

Architects: Infracom Projektbau, Griffen / AT

Lighting solution

CARDAN SPIRIT R1 ceiling-recessed luminaires

MICROS-C D68 LED downlights

PANOS M-V downlights

PANOS infinity LED downlights

VIVO L LED spotlights

Recommended products



DISCUS evolution LED



INTRO S E1



Variable illuminance levels

A lighting approach with a focus on accent lighting allows the use of significantly different lighting characteristics for modelling objects perfectly, while also reducing illuminance levels and hence energy consumption.

The first step in achieving an efficient lighting solution is dimmable, atmospheric lighting. In order to achieve this, Zumtobel offers a product portfolio ranging from wide-angle LED downlights and innovative vertical floodlights through to cove lighting. Accent lighting really comes into its own when illuminance levels are higher than those used for general lighting. With their low installed loads, high-performance LED spotlights are suitable replacements for 20 to 70 W HID lamps. With suitable spot optics and extremely good colour rendering qualities, these new LED spotlights also underscore the premium value of items at the point of sale. Accent lighting must be precisely matched to suit the relevant merchandise – light colour and lighting quality are decisive. New, application-specific colour temperatures have been developed in order to emphasise the texture of materials and accentuate brilliance. Thanks to various replaceable optics, Zumtobel's product ranges offer a wide choice of beam angles from spot to wide flood – for energy-efficient lighting solutions in a consistent design. Zumtobel includes all the information needed to obtain environmental certification in its Environmental Product Declarations (EPDs).

Levi's®, Brussels / BE

Architects: Levi Strauss, Brussels / BE

Lighting solution

PANOS infinity Q140 LED downlights
SCONFINE SFERA 500 pendant luminaires
Modular SUPERSYSTEM LED lighting system
VIVO M LED spotlights
VIVO M HIT spotlights
VIVO SL LED recessed spotlights

Recommended products



VIVO M LED



DIAMO LED downlight



Flexible, varied and lively centre-stage settings

Modular, universal lighting solutions make differentiation and zoning simpler.

The trend is towards flexible store concepts that can be deployed worldwide with just a few simple adaptations. The sheer variety of goods on sale, different ceiling heights and the interior design atmosphere and zones in a flagship store or a department store all make different demands on a lighting concept. Flexible, easily expandable lighting solutions are the order of the day: modular recessed luminaires and spotlights, as well as, track and channel systems emphasise distinctive features, divide up retail floor space and allow easier spatial demarcation of different areas. Universal systems combine consistent, across-the-board design with the option of adapting lighting to suit the specific lighting preferences associated with a brand architecture, even within a single space. This versatility allows cost-effective adaptation and customisation and this in turn inspires those whose job it is to design commercial business premises. Innovative luminaire ranges such as INTRO provide a modular lighting tool for universal design, intuitive customisation and an integrated lighting solution.

L'Occitane en Provence, Paris / FR

Architects: L'Occitane Retail Architect Team, Paris / FR

Lighting solution

IYON LED spotlights

PANOS infinity LED downlights

Recommended products



IYON M LED



INTRO M E1



Conveying authenticity

Excellent colour rendering and special light spectrums improve perceived quality significantly.

Goods cannot be presented effectively unless visual conditions are good, and only authentic light reveals the true character and quality of merchandise. Good colour rendering, special spectral distributions and particular light colours are must-have features for lighting solutions in retail settings. Modern LED technology has opened up completely new possibilities in this respect: it offers significantly greater technical capabilities and great user flexibility. Zumtobel's range of LED luminaires provides solutions for every application area. These latest-generation luminaires enshrine values such as credibility, originality and honesty. As far as lighting is concerned, this means not showing goods in a false light but showcasing their qualities as naturally as possible thanks to excellent colour rendering and by using a balanced combination of diffuse and directional light to ensure natural shadow detail. Zumtobel achieves this by deploying TGR_{fashion} – a technology which, especially in fashion settings, is synonymous with super brilliant, gleaming light. With colour rendering of $R_a > 90$ in all colour spectrums, TrueGamutRendering fashion provides for a lively colour effect, with white and coloured items of clothing being shown to optimal advantage.

Katakeet store, Dubai / AE

Architects: Inhouse Chalhoub Group, Dubai / AE

Lighting solution

CARDAN R1 ceiling-recessed LED luminaires

IYON LED spotlights

MICROS LED downlights

PANOS infinity LED downlights

Modular SUPERSYSTEM LED lighting system

Recommended products



IYON M LED TGRfashion



VIVO M LED TGRfashion



Maison Ullens, Paris / FR

Architects: OMA, Rotterdam / NL

Lighting solution

CARDAN ceiling-recessed LED luminaires
Modular MICROTOOLS LED lighting system
PANOS infinity LED downlights
Modular SUPERSYSTEM LED lighting system
VIVO XS LED spotlights

Emphasising peripheral areas

A stronger emphasis on vertical surfaces shows off walls, shelves and displays to greater effect.

The illumination of peripheral areas and vertical surfaces attracts attention, while also achieving excellent long-distance effects and providing for orientation. This applies to the shelves of an entire goods assortment, as well as, advertising messages or visual merchandising areas. Efficient, homogeneous illumination of vertical surfaces producing as few shadows as possible, requires optimal luminaire positioning and the right angle of incidence. The solution offered by Zumtobel follows a new technological approach: liteCarve® reflector technology (patent pending) it allows extremely precise, well-balanced rectangular light distribution, right up to the outermost peripheries. This new kind of freeform reflector directs light from the LED point light source 100 % indirectly in a targeted manner. Efficient LED spotlights provide selective contrast for additional accent lighting for specific areas such as retail islands. Products on shelves are perfectly staged by seemingly invisible light produced by miniaturised luminaires.

Oberrauch Zitt, Bolzano / IT

Architects: Walter Angonese, Caldaro / IT

Lighting solution

ARCOS LED spotlights
ARCOS HIT spotlights
IYON LED spotlights
ONDARIA circular luminaires
ONLITE LOCAL supply and monitoring modules
ONLITE PURESIGN escape sign luminaires
ONLITE RESCLITE LED emergency luminaires
Modular SUPERSYSTEM H LED lighting system
TECTON TETRIS continuous-row lighting system
VIVO HIT spotlights

Recommended products



INTRO liteCarve®



INTRO M E3 and liteCarve®



Maison Ullens, Paris / FR

Architects: OMA, Rotterdam / NL

Lighting solution

CARDAN ceiling-recessed LED luminaires
Modular MICROTOOLS LED lighting system
PANOS infinity LED downlights
Modular SUPERSYSTEM LED lighting system
VIVO XS LED spotlights

Minimising the visibility of luminaires

Unobtrusively small lighting systems and integrated lighting systems focus attention on the merchandise.

To achieve effective lighting scenarios, store design architects are increasingly relying on miniaturised luminaires and lighting which is seemingly invisible because it is built-in. Drastically reduced luminaire dimensions and LED technology allow lighting which is harmonious and efficient when viewed from close up or far away: virtually IR- and UV-free light can be focused accurately. The shorter the distance between the lighting and the goods, the more precisely relatively small items can be presented, thus consuming correspondingly less power. Direct in-shelf lighting can also provide clear differentiation. Streaks of light produce fascinating reflections and emphasise specific details. Another benefit: exciting scenarios can be implemented quickly and easily by simply grouping and controlling lighting components. Miniaturisation also makes uplighting possible. In this case, the less conspicuous the lighting technology is, the greater the scope for showing off the goods on display. New LED shelf systems pack excellent lighting technology into an extremely compact space. Their modular construction also means that various types of modules can be combined on one shelf and they can even be dimmed independently to produce a rich variety of lighting scenes.

Colonys, Lucerne / CH

Architects: Retailpartners AG, Wetzikon / CH

Lighting solution

Modular MICROTOOLS LED lighting system

Recommended products



MICROTOOLS



VIVO XS LED



Bershka, Frankfurt / DE

Architects: Castel Veciana Arquitectura, Barcelona / ES

Lighting solution

CARDAN ceiling-recessed LED luminaires

IYON LED spotlights

PANOS infinity LED downlights

Using ceilings as an element of design

In retail situations, large ceiling areas are increasingly being seen as usable surfaces that open up rooms in terms of height and strengthen brand identity.

Ceilings are extremely large, visible architectural surfaces in retail spaces which have hitherto mostly been used to install functional luminaires and building services. The current trend in retail applications is to “break through” these ceilings, and hence customers’ expectations, thereby getting their attention with surprising features and splitting up spaces into smaller units. This is done using colours, surfaces and structures in the same way as mirrors are used to open up a room in terms of height and create an impression of expanse. Some companies use this newly acquired surface to obtain brand differentiation. Really striking ceiling solutions are mostly used in flagship stores. Breaking ceilings up at several levels is another possible eye-catching ceiling design strategy; in terms of lighting, this is primarily achieved through pools of light. Besides an extremely versatile product portfolio that offers plenty of customisation options, Zumtobel also supplies customer-specific special solutions based on standard product platforms.

Oberrauch Zitt, Bolzano / IT

Architects: Walter Angonese, Caldaro / IT

Lighting solution

ARCOS LED spotlights

ARCOS HIT spotlights

IYON LED spotlights

ONDARIA circular luminaires

ONLITE LOCAL supply and monitoring modules

ONLITE PURESIGN escape sign luminaires

ONLITE RESCLITE LED emergency luminaires

Modular SUPERSYSTEM H LED lighting system

TECTON TETRIS continuous-row lighting system

VIVO HIT spotlights

Recommended products



IYON M-SL LED



VIVO-SL LED



Gentle illumination

The light produced by modern LED luminaires is virtually free from any harmful IR or UV radiation.

A wide range of products respond badly to thermal and infrared radiation: cosmetic products deteriorate, textiles fade, bakery goods dry out, chocolate and confectionery melt. UV and IR radiation are some of the less desirable aspects of conventional lighting. In the past, luminaires were fitted with filters and protective devices in order to shield goods from such radiation. But this protection came at the expense of efficiency. The starting point with LED luminaires is totally different: the light they produce is virtually free from any IR or UV radiation. They do not require any accessories to provide gentle illumination – even when the LED luminaire is placed very close to the product for maximum effect. This significantly reduces the risk of colours fading or sensitive materials being damaged. These properties of LED lighting are particularly appreciated by retailers that sell cosmetic products, pharmaceutical and groceries. They are also becoming more important in fashion stores where premium textiles need protection against fading. It is possible, for instance, to illuminate goods longer with the same illuminance level or to select a higher illuminance level for a given duration.

Maison Ladurée, Paris / FR

Architects: Mercure Engineering & Consulting,
Boulogne-Billancourt / FR

Lighting solution

LUXMATE EMOTION lighting management system
Modular SUPERSYSTEM LED lighting system

Recommended products



SUPERSYSTEM



MICROTOOLS



Hödlmayr Classic Car Center, Schwertberg / AT



Automotive



IC CAR CENTER



AMAG, Winterthur / CH

Architects: P&B Partner Architekten AG, Winterthur / CH

Lighting solution

CARDAN R1 ceiling-recessed LED luminaires

CLEAN clean-room luminaires

LIGHT FIELDS microprism luminaires

TECTON continuous-row lighting system

Strengthening brand individuality

Lighting scenarios bring out the character of a brand. They make it possible to experience an individual brand image.

In showrooms, light is an important design element that rounds out a presentation concept, colours and materials. A lighting solution is therefore ideally conceptually wedded to a brand's corporate identity guidelines. Because light triggers emotions and underscores an individual brand image which has been built up by verbal communication. Setting a vehicle and a brand centre stage in a manner which has public appeal attracts the attention of the general public – not just customers' attention. This enables car dealerships to become what they really ought to be: experiential spaces that get messages across. This is only possible if potential customers consciously perceive individual presentation highlights. A lighting scene that makes potential customers feel at ease and allows them to concentrate clearly and take on board advice and a sales pitch is extremely helpful in this respect.

BMW MINI flagship store, Frankfurt / DE

Architects: geiseler gergull architekten. GmbH, Frankfurt / DE

Lighting solution

CARDAN E1 ceiling-recessed LED luminaires

IYON LED spotlights

PERLUCE moisture-proof diffuser luminaires

SLOTLIGHT II light lines

Recommended products



CARDAN E1 LED



SLOTLIGHT II LED



Garage Zénith SA, Sion / CH

Architects: Fortebis Group, Rome / IT

Lighting solution

CARDAN 1000 R1 ceiling-recessed luminaires

MICROS downlight system

LED luminous ceiling (special solution)

SLOTLIGHT II light lines

TECTON TETRIS continuous-row lighting system

Stunning presentation

Adding value to objects by modelling them perfectly.

A car essentially expresses itself through its dynamism.

An interplay of diffuse and directional light presents vehicles in a tangible, unadulterated way: diffuse light lends clear lines to reflective car bodies. Brilliant pinpoint light, on the other hand, sharpens details and suggests vehicle movement. Artificial lighting scenes redolent of trips through natural landscapes nurture dreams. Excellent colour rendering enhances the natural appearance of car finishes and materials. Visibly accentuated body contours, identifiably special paint finishes and the ability to check out the interior fittings of a vehicle help establish customer trust and make the decision to buy easier.

McLaren showroom, Vienna / AT

Architects: Reisinger & Reisinger, Vienna / AT

Lighting solution

2LIGHT Mini LED downlight

PANOS infinity LED downlights

Modular SUPERSYSTEM LED lighting system

VIVO L HIT spotlights

Recommended products



INTRO M E1



CIELOS



BMW MINI flagship store, Frankfurt / DE

Architects: geiseler gergull architekten. GmbH, Frankfurt / DE

Lighting solution

CARDAN E1 ceiling-recessed LED luminaires

IYON LED spotlights

PERLUCE moisture-proof diffuser luminaires

SLOTLIGHT II light lines

Creating a feel-good ambience

An invitingly lit lounge or waiting area fosters positive feelings and makes waiting times feel shorter.

But even short waiting times can be a turnoff for impatient customers or people who are on a tight schedule. However, if a real atmosphere of well-being can be created in a lounge or in a waiting area, waiting times will generally feel shorter. Besides agreeable amenities and adequate ways of passing the time, lighting plays a crucial role: good light not only improves people's general sense of well-being, it also encourages reading and makes people more communicative. All these factors reinforce positive emotions – even when customers have to wait. This way, lounges and waiting areas can ensure that subsequent advice or sales talks get off to a good start. When customers are waiting to collect their vehicles, their experience can be made much more pleasant.

Ferrari s.p.a., Maranello / IT

Architects: Fortebis Group, Rome / IT

Lighting solution

TECTON LED continuous-row lighting system

LUXMATE daylight lighting management system

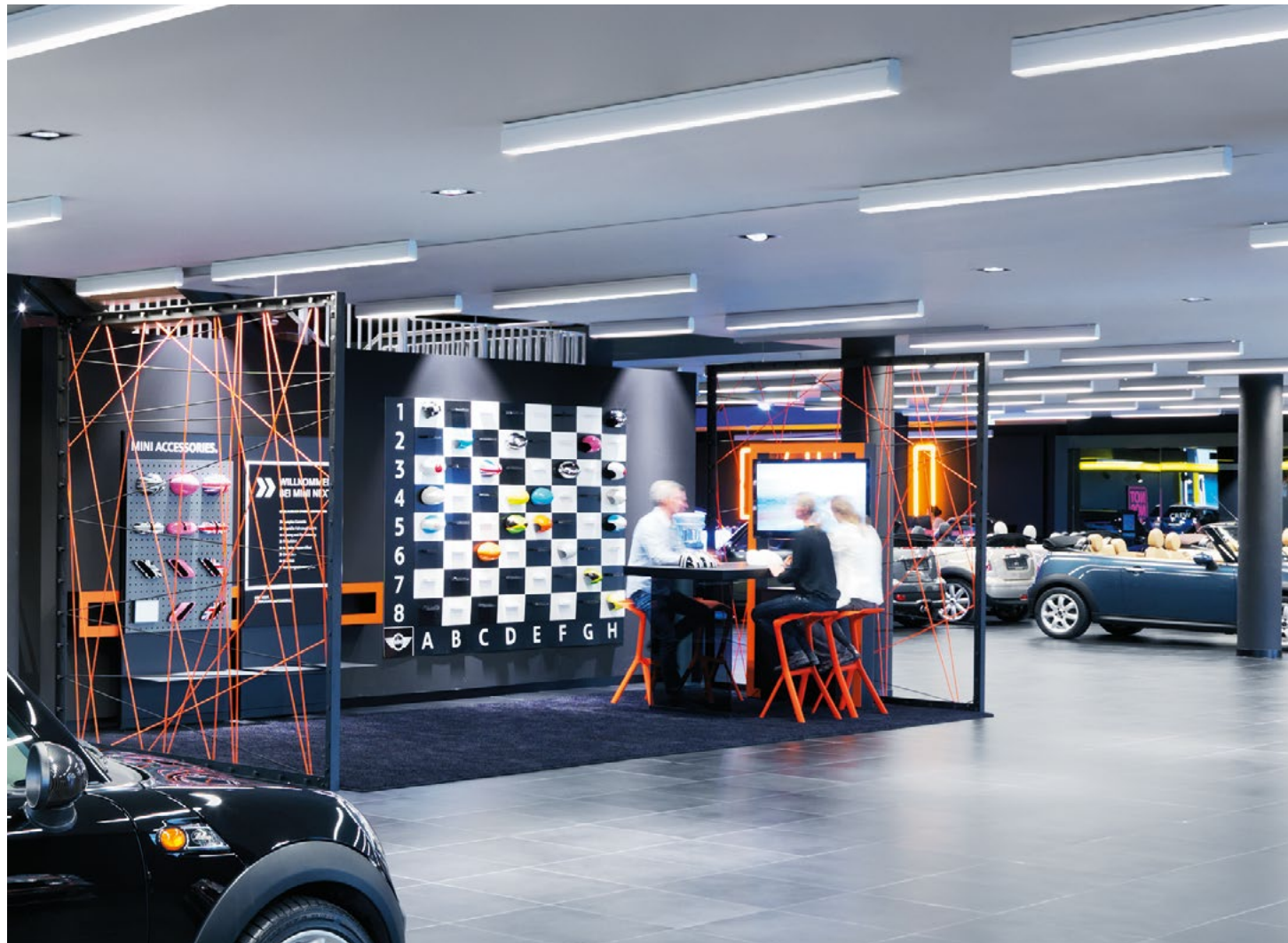
Recommended products



SLOTLIGHT II LED



PANOS infinity Q190



Autohaus Stegelmann, Lemgo / DE

Architects: nb+b Neumann-Berking und Bendorf,
Wolfsburg / DE

Lighting solution

CARDAN E1 ceiling-recessed LED luminaires
LINARIA LED light lines
LINCOR LED louvre luminaires
MICROS LED downlights
PANOS infinity LED downlights
RESCLITE LED emergency luminaires
SCUBA moisture-proof diffuser LED luminaires
SLOTLIGHT II LED light lines
TECTON LED continuous-row lighting system
VIVO L LED spotlights

Integrating daylight

Daylight-based lighting control systems ensure optimal contrast engineering with significant energy savings.

A combination of sensibly used daylight and efficient LED technology reduces both energy consumption and CO₂ emissions. This is innovation teamed with great awareness of energy efficiency which also focusses on photometric benefits: lighting scenes can be individually adjusted for both day and night. During business hours, it is the lighting's task to entice passers-by looking into the showroom from outside to enter the car dealership and take a close-up look at the vehicles on show. High illuminance levels are needed to make sure that individual car models can be viewed under perfect conditions, even if there is plenty of daylight. In the evening, a lighting control system makes it possible to reduce illuminance levels, set vehicles centre stage and provide an attractive vista during hours of darkness. Apart from the option of using individual lighting scenes, it is also possible to save energy by controlling lighting sensibly over the course of a day.

Volkswagen Aröd, Göteborg / SE

Architects: Krook & Tjäder, Göteborg / SE

Lighting solution

CARDAN E1 ceiling-recessed LED luminaires
ELEEAA louvre luminaires
MICROS LED downlights
PANOS infinity LED downlights
PERLUCE moisture-proof diffuser luminaires
SCUBA moisture-proof diffuser luminaire
SLOTLIGHT II light lines

Recommended products



LITECOM



VIVO L LED



Seat Deutschland GmbH, Berlin / DE

Architects: pbr Planungsbüro Rohling, Magdeburg / DE

Lighting solution

CARDAN E2 ceiling-recessed LED luminaires
ELEEA LRO louvre luminaires
HELISSA wall and ceiling-mounted luminaires
PANOS infinity LED downlights
PERLUCE moisture-proof diffuser luminaires
SCUBA moisture-proof diffuser luminaire

Cutting operating costs

Durable LED luminaires reduce the amount of money spent on maintenance: the higher the ceiling, the greater the saving.

Sustainability is a business approach that stresses the importance of thinking and acting responsibly and brings economic benefits in its wake. This is why modern brands insist on energy-efficient, innovative LED lighting technology. Besides ambitious innovation, big potential savings are not only expected, they are actually achieved – and make themselves felt when it comes to power consumption and maintenance costs. Using modern LED lighting solutions, illuminating even showrooms with high ceilings with high lumen packages of up to 4600 lm is no problem whatsoever, thus doing away with the need for 70 W HIT luminaires. This has advantages in all areas: premium LED luminaires boast good lighting quality and a longer than average service life which reduces operating costs, thanks to lower maintenance costs and efficient energy use.

Jacobs Automobile, Geilenkirchen / DE

Architects: Audi AG, Ingolstadt / DE

Lighting solution

CARDAN R1 ceiling-recessed LED luminaires
CREDOS E150 LED downlights
LIGHT FIELDS E microprism luminaires
PANOS infinity E200 LED downlights
TECTON TETRIS continuous-row lighting system

Recommended products



CARDAN R1 LED



PANOS infinity E200



Spar flagship store, Budapest / HU

Supermarket



Supermarket Margherita Conad, Bologna / IT

Lighting solution

CARDAN R1 ceiling-recessed LED luminaires
PANOS infinity LED downlights
TECTON LED continuous-row lighting system
VIVO L LED spotlights

Saving energy

Uniform consistency is provided by targeted, efficient vertical shelf lighting.

Simple standard shelving still takes up a large proportion of retail floor space because this is where most merchandise is sold. Vertical illumination of the entire shelf front which is as uniform and bright as possible is more important than actual light intensity on the floor. Nevertheless, it must also be possible to set accents and pick out specific shelf units as required. Luminaires in supermarkets are not totally glare-free, otherwise the store would appear too dark and, in the worst case, appear to be shut when seen from outside. Linear continuous-row systems which convey a “value for money” message are a standard feature of every supermarket. They always run parallel to the shelving because this saves luminaires and hence power. Double asymmetrical light distribution has a pull effect and avoids monotony. Floors, which often get dirty in bad weather, are deliberately excluded from high illuminance levels. Efficient luminaires pay for themselves very quickly because the surface areas that are to be illuminated are huge, the number of luminaires needed is large and opening hours are quite long. Energy-saving, durable LED lighting solutions meet all the requirements placed on a conventional solutions, but also avoid labour-intensive replacement of fluorescent lamps.

Maximarkt, Anif / AT

Architects: ATP Innsbruck Planungs GmbH, Innsbruck / AT

Lighting solution

ARCOS LED spotlights
CARDAN E1 ceiling-recessed LED luminaires
DIAMO LED downlights
LUXMATE lighting management system
ONDARIA circular luminaires
PANOS infinity LED downlights
TECTON LED continuous-row lighting system
VIVO L LED spotlights

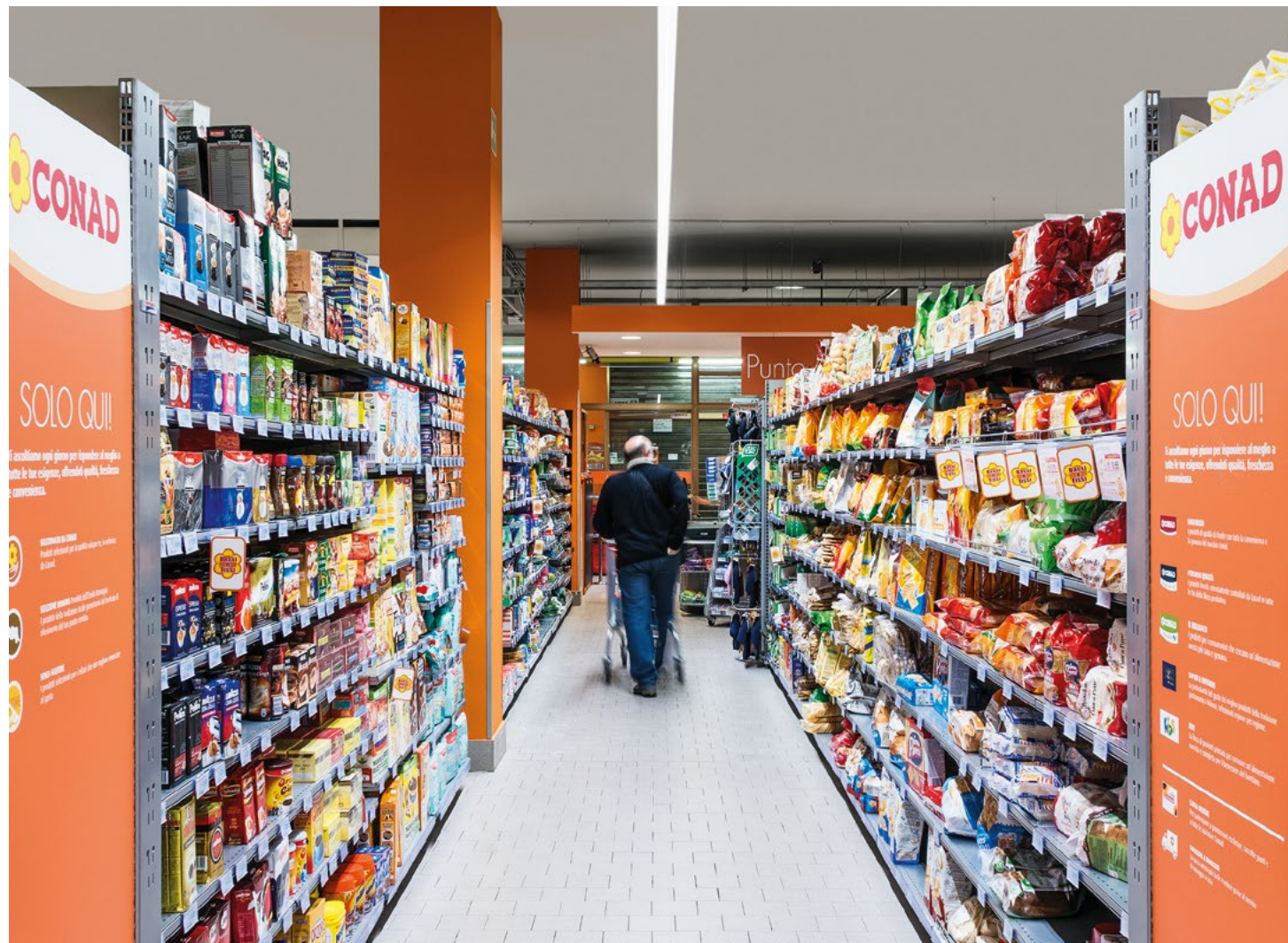
Recommended products



TECTON LED



LITECOM



Spar flagship store, Budapest / HU

Architects: LAB5 Architects, Budapest / HU

Lighting solution

CARDAN tunableFood ceiling-recessed LED luminaires

ONDARIA circular LED luminaires

TECTON LED continuous-row lighting system

VIVO L tunableFood/stableWhite LED spotlights

Emphasising freshness

Special light spectrums improve perceived quality, are gentle on merchandise and present freshness and naturalness to optimum effect.

Fresh produce such as fruit and vegetables, pastries and meats are the flagship sections in any supermarket. Light has to accomplish several things in order to convey a message of complete “freshness” and boost sales: the right colour temperature produces a natural, fresh appearance. Good colour rendering ($R_a > 90$) highlights the premium quality of produce, especially vividly coloured fruit and vegetables. Cold cuts and meat require finely tuned, gentle light with an illuminance level of no more than 1000 lx. Efficient LED luminaires produce less heat and have a smaller cooling load; this means that bread and fish or fruit and vegetables remain fresher for a longer period of time. Above all, modern spotlights deliver varied, lively lighting scenes and the right light in the right place. Care must be taken to choose the right spotlight and align it correctly in order to prevent glare or false light colours. The rule for achieving a perfect interplay of light and shadow for display cabinets, is lots of light in the display cabinet with little light on the front.

Konditorei Hotz, Dübendorf / CH

Architects: Architekturbüro Seeger, Dübendorf / CH

Lighting solution

CARDAN R1 ceiling-recessed LED luminaires

CREDOS LED downlights

SLOTLIGHT II light lines

Recommended products



FACTOR LED stableFood



VIVO L LED tunableFood



Fressbox, Graz / AT

Architects: Büro Freiflug, Graz / AT

Lighting solution

FD 1000 E 200 ceiling-recessed LED luminaires
IYON LED spotlights
MICROS LED downlights
XPO LED shelf lighting

Attracting attention

Deliberately setting the latest offers and seasonal items centre stage makes them more appealing. Lighting and the way in which merchandise is positioned all send out messages.

It is possible to attract attention in a targeted manner and draw customers in by using more light, different light colours or different types of luminaires. Flexible luminaire systems are ideal for prominently showcasing attractive offers or reacting to seasonal assortment changes in a targeted manner. Centres of light are distributed throughout the space to make highlights clearly recognisable, even from afar: For instance, colour temperatures of 5000 K accentuate cosmetic products and white goods whereas built-in shelf lighting uses high illuminance levels to underscore premium quality. Other possible ways of obtaining differentiation include particularly good colour rendering (R_a 90) or using narrow-beam spots in selected areas. In contrast, special sales outlets which actively impart information and convey messages or create a mood are illuminated uniformly and extensively. Thanks to these lighting differences, walls of rooms, banners in main corridors, price labels behind meat counters and posters for fruit and vegetables all make it easier to find one's way around a supermarket. In the case of images, vertical brightness and high R_a values are just as important as precise direction of light for preventing reflections. Colour, light and shadow or sparkling points of light can also convey a brand's values and aspirations.

Hervis, Krems / AT

Architects: Schoblocher Bau Consulting GmbH,
Weyregg am Attersee / AT

Lighting solution

METRUM LED continuous-row lighting system

Recommended products



FACTOR LED



METRUM LED



Lighting management

LITECOM focuses the light on the user

LITECOM

The new LITECOM lighting management system offers unlimited flexibility in terms of operation, function and system size. Each luminaire and each blind is designed to provide maximum visual comfort, offers unrestricted empowerment – and uses all options for energy efficiency at the same time. The innovative app concept facilitates exact adjustment to the needs of the respective building and its users. The desired functions can be added in the form of apps at any time. Basic functions of the lighting system and building services are already covered by the Basic app. Operation is effected through any type of momentary-action switch and control unit, by means of smartphones, tablets or PCs.





The new generation of lighting management:

- The LITECOM app concept opens up a new dimension of flexibility for lighting management systems. The range of functions offered extends from daylight via show lighting up to emergency lighting.
- Designed as an open system, LITECOM enables the programming of your own apps, addressing of field bus systems such as KNX, or integration of lighting and blinds control into a building management system via BACnet or OPC.
- Thanks to LITECOM wizards, no prior knowledge is required for commissioning the system in just a few steps.
- Mobile interaction has already been included in the standard version. All Web-enabled devices are able to communicate with LITECOM.
- The multi-language user interface combines personal design options with intuitive operation – based on scientific findings and user analyses.
- LITECOM can be adjusted to customer-specific needs, thanks to individually extendable functions and project sizes (up to 250 actuators for LITECOM, up to 100 000 actuators for LITECOM infinity).

Emergency lighting and emergency lighting systems

ONLITE offers safety – a one-stop solution



eBox central emergency supply system

- Maximum functionality with low space requirement, perfectly matched to Zumtobel LED emergency and escape sign luminaires
- Using standard DALI mains-powered luminaires (mains voltage 230 V AC/DC) is also possible
- Flexible use owing to clearly laid-out system and modular plug-in technology, as well as, sub-distribution cabinet in IP20
- Easy handling from installation via operation through to maintenance



Functional emergency lighting is paramount and is required by law. The quality of luminaires and of an emergency power supply system reflects an operator's responsibility towards a building, the people who use it and towards the environment.

Emergency and escape sign luminaires in the ONLITE product range cannot fail to impress on account of their unobtrusive design and their ability to blend into the interior. Zumtobel also attaches great importance to technical quality criteria such as maximum energy efficiency and convenient maintenance when it comes to emergency lighting. Based on many years of experience with LED, ONLITE incorporates state-of-the-art, extremely durable LED technology. The built-in Maintenance function ensures constant luminous flux for more than 50 000 hours.

All luminaires have been tested under ENEC and conform with the EN 1838 standard. Two concepts, with separate or central battery supply, are available to ensure secure power supply in the event of an emergency.



RESCLITE emergency luminaires

- The compact size makes the luminaires almost invisible, the high-grade aluminium cover blends harmoniously into the ceiling
- Unique optics allow for wide spacing, thus reducing investment costs: RESCLITE escape for escape routes, RESCLITE antipanic for meeting rooms.
- Extremely easy design and installation





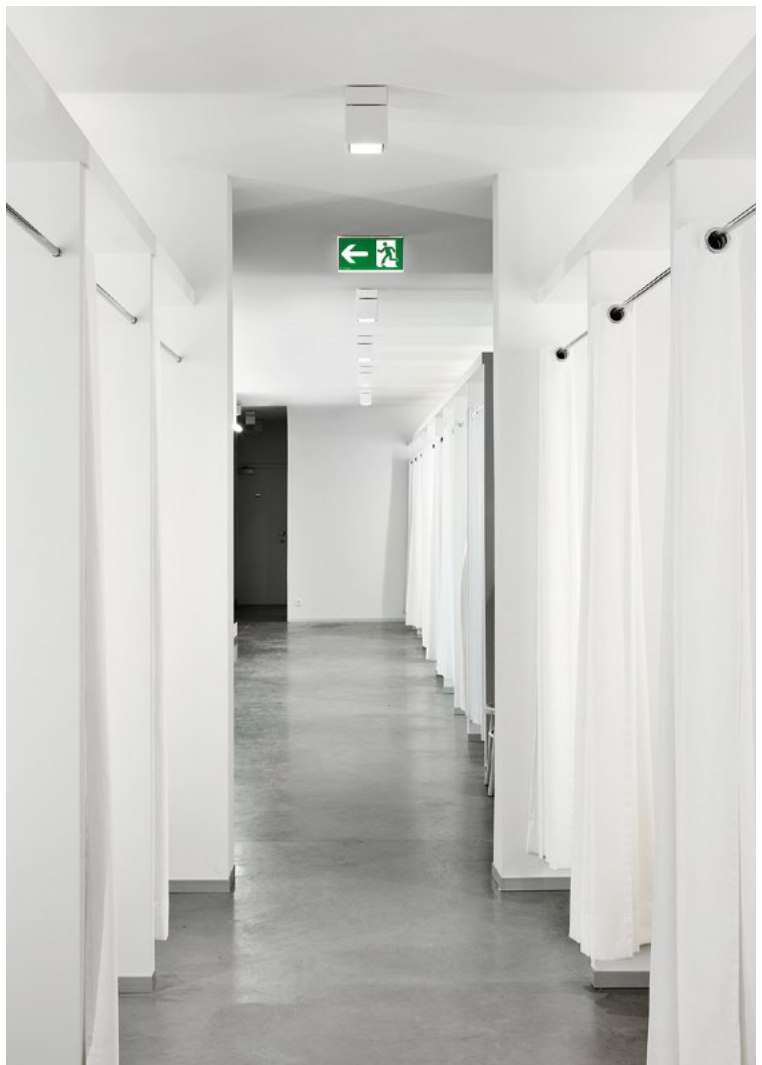
COMSIGN 150 escape sign luminaires

- More new products have been added to this successful luminaire range: its transparent acrylic glass is now even lighter. Its delicate design is now topped off by a mounting part for recessed or surface mounting
- Developed by the renowned EOOS design studio
- iF Design Award and Good Design Award for COMSIGN
- Blends perfectly into the interior for instance, the recessed COMSIGN model installed flush with the ceiling appears to hover above the room.



PURESIGN 150 escape sign luminaires

- Design meets the highest technical lighting, ergonomic and aesthetic requirements
- Developed by the renowned EOOS design studio
- iF Design Award and Good Design Award for PURESIGN
- Escape sign luminaires with ERI spots provide emergency lighting in corridors and stairwells
- Only 4.5 W installed load



International rollout

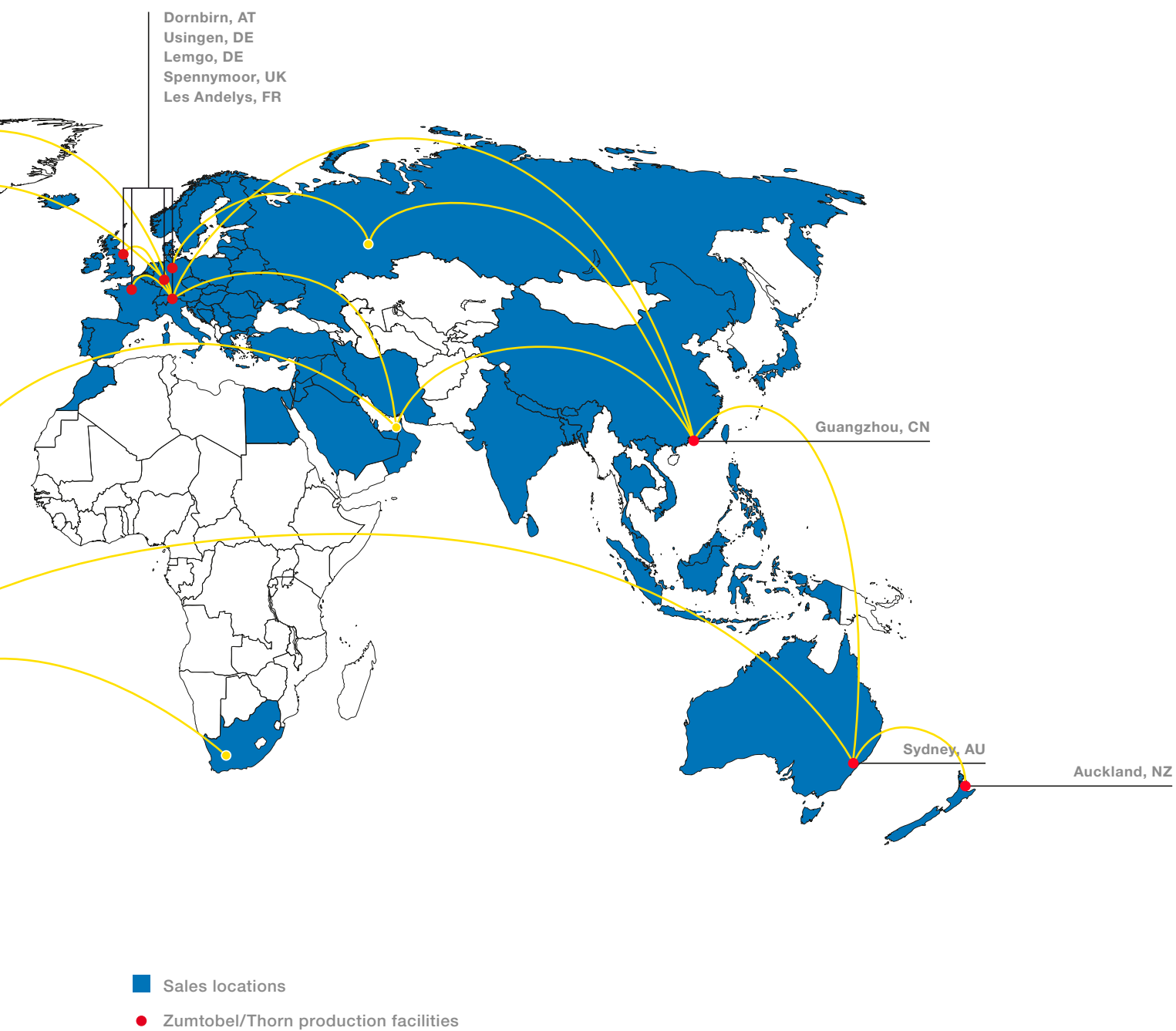
A global network with close ties



In the case of international brands, products, shop interior fitting and lighting are all underpinned by a single distinctive concept. Only an experienced partner like Zumtobel can ensure that there are no hitches in a global rollout.

As a global player, Zumtobel has 100 company-owned business units and commercial agencies in more than 70 countries. We always seek to be close to the customer even when customers are based in less industrially developed nations. Zumtobel is not just at home in Europe and the USA, it also has sales offices and representative offices in emerging markets such as Russia, Turkey, the Middle East, India, China and Southeast Asia. Zumtobel is capable of deploying a lighting solution all over the world, regardless whether this involves installing lighting equipment in large numbers of shops or extensive or complicated shop projects. There is always only one single point of contact: a central Key Account Team takes care of worldwide procurement and project organisation. This takes place in close contact with local organisations, so that particular country-specific features and circumstances can be taken into account at all times. In this way, we can save time and accelerate processes.

Continuity of supply around the globe is guaranteed by 9 production facilities; we deliver the right quantity at the agreed time. Short transport routes consume fewer resources and reduce costs.



Customer management

Full service all over the world

For Zumtobel, being close to our customers is extremely important. Zumtobel's first advantage is worldwide onsite customer care. Through a partnership with Zumtobel, customers who operate on an international scale can make sure that every one of their locations reaps the benefit of Zumtobel's entire range of products and services. Support throughout all the phases of a project is another plus. This ensures that a comprehensive service package is available, from design and delivery right through to maintenance.



Concept and design

Zumtobel works out an appropriate lighting solution that is finely tuned to cater for the customer's needs and the target groups that it wishes to address. Technology and lighting quality meet at the highest level.



Delivery management

Experienced Zumtobel specialists take care of international rollouts. All logistics are managed from a central location – with just-in-time deliveries to any location in the world.



Installation and commissioning (NOW!)

Manufacturer-trained electrical installers with extensive product knowledge guarantee fast, professional installation. Systems are commissioned by expert employees.



All inclusive: guarantee and maintenance

With Zumtobel, everything is available on request from a single supplier. Reliable maintenance and an extended guarantee for the installed lighting installation ensure that the lighting solution remains fully functional and its value is maintained.



Financing

A lighting solution that is in line with the budget often involves financing. Zumtobel can offer a tailor-made solution at all levels.

Light as a service

Never again buy another luminaire!

In the context of NOW! we offer you light as a service. You will get the best light to perform your tasks, without having to buy any luminaires or worry about their operation. Your benefits compared to traditional luminaire purchase at a glance:

Immediate profit

Cost savings are higher than the NOW! instalments.

NOW!

Purchase



No investment

Fixed, monthly NOW! instalment covers all costs.



No risk

All-inclusive guarantee and maintenance services.



No expenditure on upgrading

Turnkey project is completed by a team of experts.



Practical example:
NOW! in a supermarket



Old lighting system

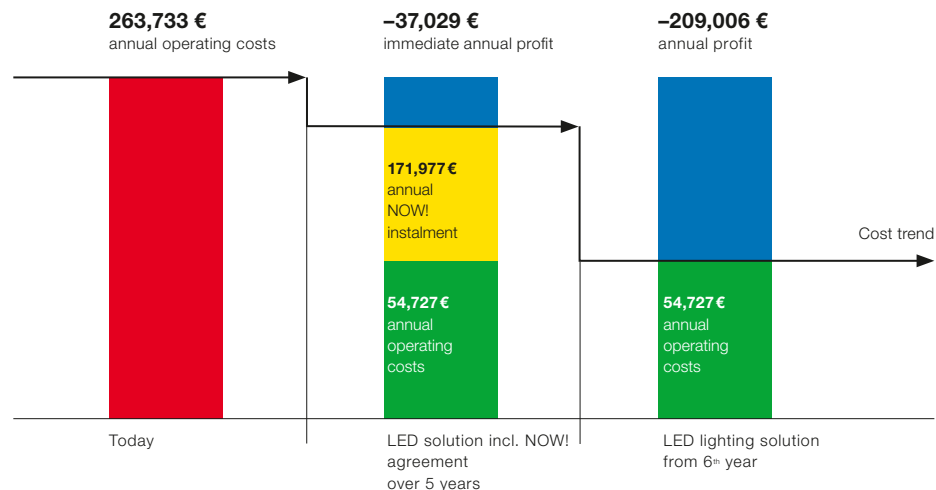
263,733 € operating costs / year

3,128 luminaires, 70 W and 150 W HIT spotlights
496 kW total installed load

New lighting solution

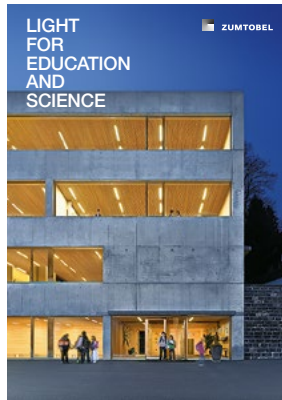
54,727 € operating costs / year

3,128 luminaires, 36 W HIT spotlights
113 kW total installed load

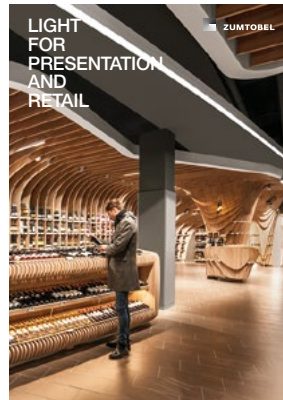




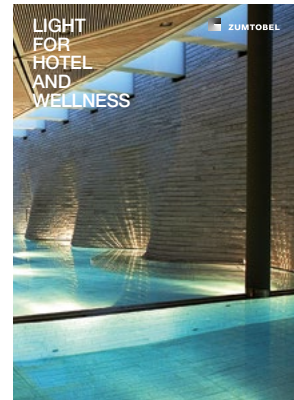
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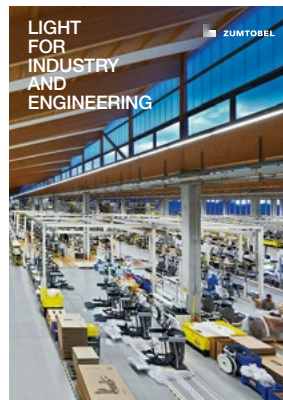
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zumtobel.com/healthcare



zumtobel.com/industry



zumtobel.com/facade

Zumtobel, a company of the Zumtobel Group, is an internationally leading supplier of integral lighting solutions for professional indoor and outdoor building lighting applications.

- Offices and Communication
- Education and Science
- Presentation and Retail
- Hotel and Wellness
- Art and Culture
- Health and Care
- Industry and Engineering
- Façades and Architecture

We provide unique customer benefits by integrating technology, design, emotion and energy efficiency. Under the Humanergy Balance concept, we combine the best possible ergonomic lighting quality for an individual's well-being with the responsible use of energy resources. The company's own sales organisations in twenty countries, as well as commercial agencies in fifty other countries, form an international network of experts and design partners providing professional lighting consulting, design assistance and comprehensive services.

Lighting and sustainability

In line with our corporate philosophy *"We want to use light to create worlds of experience, make work easier and improve communications and safety while remaining fully aware of our responsibility to the environment"*, Zumtobel offers energy-efficient high-quality products, while at the same time making sure that our production processes based on the considerate use of resources are environmentally compatible.

zumtobel.com/sustainability



Top quality – with a five-year guarantee.

As a globally leading luminaire manufacturer, Zumtobel provides a five year manufacturer's guarantee on all Zumtobel branded products in accordance with the terms of guarantee at zumtobel.com/guarantee.

EN 12/24 © Zumtobel Lighting GmbH
We reserve the right to make technical changes without notice. Please contact your local sales office for further information.



ZUMTOBEL



Tracks and spots



Modular lighting systems



Downlights



Recessed luminaires



Surface-mounted and pendant luminaires



Free-standing and wall-mounted luminaires



Continuous-row systems and individual batten luminaires



High-bay luminaires and floodlight reflector systems



Luminaires with extra protection



Façade, media and outdoor luminaires



Lighting management systems



Emergency lighting



Medical supply systems

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ZUMTOBEL

LIGHT FOR PRESENTATION AND RETAIL

