

Lighting Moments

Inspiration by Regent 2014



Hinrik Wachsmuth, Head of Marketing and Communication
Regent Lighting

EDITORIAL

“We work on your light.
And your inspiration.”

In the over one-hundred-year long history of our company we have gathered a great deal of knowledge about lighting as well as extensive experience in projects large and small. The wide array of realised projects we have been involved in are the best evidence of the skills and competence of our teams of specialists, how they work to support our customers to develop solutions, and plan and implement our products according to the needs of the market.

On the following pages we would like to give you some insight into our work and to let our customers speak for themselves. We have deliberately chosen a wide variety of projects. The aim is not only to inform you but also to inspire you. We have provided a brief overview of the most important aspects of each project,

what the challenges were and how we approached the project. You can find out more about the products applied by following up the page reference in the separate product section of Lighting Moments.

We hope you will enjoy reading Lighting Moments and that it will provide you with inspiration for your work. If you would like to receive regular updates on our projects, please write to lightingmoments@regent.ch

INSPIRATION BY REGENT



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Would you like to be regularly updated about new projects and product innovations?

Drop us a line at lightingmoments@regent.ch

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20 m

of shadow-free lines of light using Channel LED recessed ceiling batten luminaires make a clear statement in the new Mercedes-Benz headquarters. Given its high efficiency rating, the building has been certified by the German Sustainable Building Council (DGNB) as a Green Building.

In line with Mercedes-Benz.

Straightforward and clear-cut – with the Channel LED recessed ceiling batten luminaire.



Mercedes-Benz is consolidating its existing Berlin offices and incorporating them in the new German headquarters of Mercedes-Benz Sales Division in Berlin Friedrichshain. With a Mercedes-Benz showroom and a bistro, the facility is opening up to the urban environment. The building was developed and constructed by CA Immo as a DGNB-certified Green Building and can accommodate up to 1200 employees.

In order to meet the high energy-saving standards, Mercedes-Benz opted for LED luminaires in virtually all areas. The lighting concept in the two-storey foyer is designed to guide visitors into the building. The substantial ceiling height makes maintenance work particularly challenging. Regent's low-maintenance LED luminaires reduce servicing to an absolute minimum.



20 metres of continuous Channel LED recessed ceiling luminaires have been integrated into the metal ceilings, creating clean, uninterrupted lines of light. With a light output of up to 80 lumens/watt these luminaires open up completely new options for functional lighting – even in spaces with high ceilings. The parallel lines of light guide visitors into the foyer from outside. IP 54-rated Channel LED luminaires have been mounted in the canopy over the main entrance. The brightness of the lighting in the foyer can be adjusted as required using DALI controls.

Channel LED → Products p.19



Mercedes-Benz Berlin, Germany

Client: CA IMMO Berlin MBVD Projekt GmbH & Co. KG

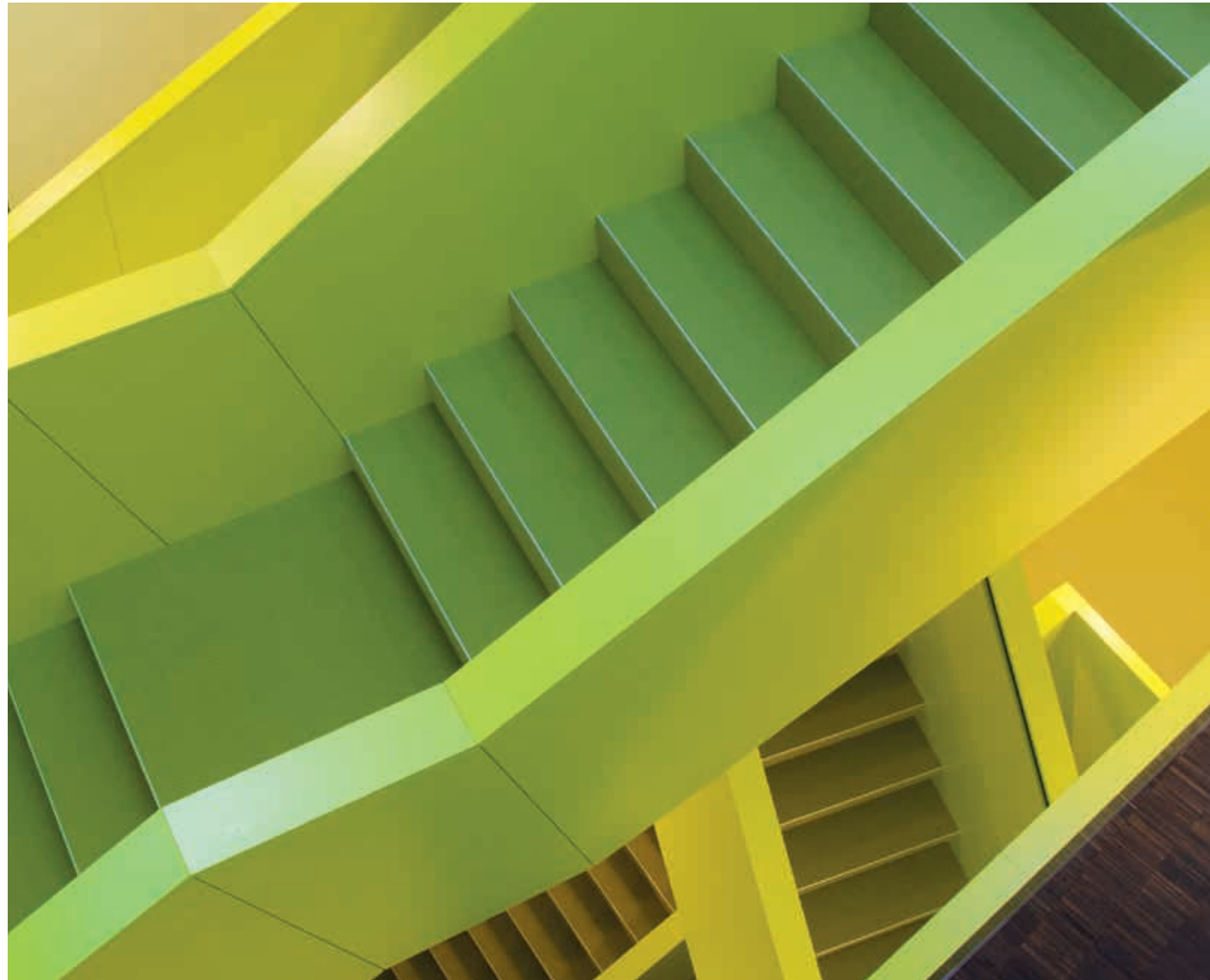
Architects: Gewers & Pudewill GmbH, Germany

Luminaire applied: Channel LED

Gently flooded in light.

At Weltbild Verlag, Flow lights the way from one office to the next.

The premises of the former Olten AG tannery have been converted and revitalised according to the motto "Work – relax – enjoy". The architectural concept demanded a solution that fitted in well with the existing facility. The interplay of form, colour and material is designed to make the distinction between old and new clearly legible.



Weltbild Verlag Switzerland has rented office space in the refurbished facility for 120 employees. The management is accommodated in a series of one-man offices. The open-plan office, the accounting department, the IT area and the call centre have been designed entirely according to the tenant's needs. Various meeting and conference facilities, a cafeteria, lounges and the roof terrace complete the space available.

The lighting is designed to respond to the basic structure and addresses the requirements in the different areas. Applied playfully in clusters, Regent's Flow pendant luminaires are mounted in alignment with the circulation zones through the spaces and thus support wayfinding and orientation. A lighting control system enables dynamic sequences to be programmed to generate the impression that the light is flowing through the space. The workstations are illuminated using glare-free direct/indirect luminaires, while the general areas feature large Meteo pendant luminaires. **Flow/Flow LED → Products p.26**



Weltbild-Verlag, Olten

Client: Weltbild Verlag, Olten, Switzerland

Architect: Architekturbüro Alfred Anker, dipl. Arch. ETH SIA, Olten

Lighting Design: Regent Lighting

Luminaires applied: Flow, Today, Free, Meteo

also with
LED

INTERVIEW

“We wanted to put the light where it is actually needed.”

The new Diesel headquarters is located in Breganze, a small town in the Italian province of Vicenza. The new head office pools all existing Diesel branch offices and, in addition to the offices and the raw materials warehouse, also boasts a restaurant, a bar, a fitness centre, showrooms, a day-care centre and a hall for 600 people. The project was developed with the aim of creating a veritable “Diesel Village” with ideal working conditions for all employees.

What specific lighting requirements did the client have?

Quality and sustainability, and visual comfort and energy savings, but also compliance with the image and identity of the Diesel brand.

What role did light play?

First and foremost the lighting needed to guarantee optimum colour rendition for all employees involved with the product – i.e. designers, graphic designers and engineers.

How did you go about finding a solution for this task?

We wanted to put the light to where it was actually needed. And we wanted to achieve required quality and intensity for the respective activities to be performed – so from work at the computer to work on the product.

How did you tackle the project in general?

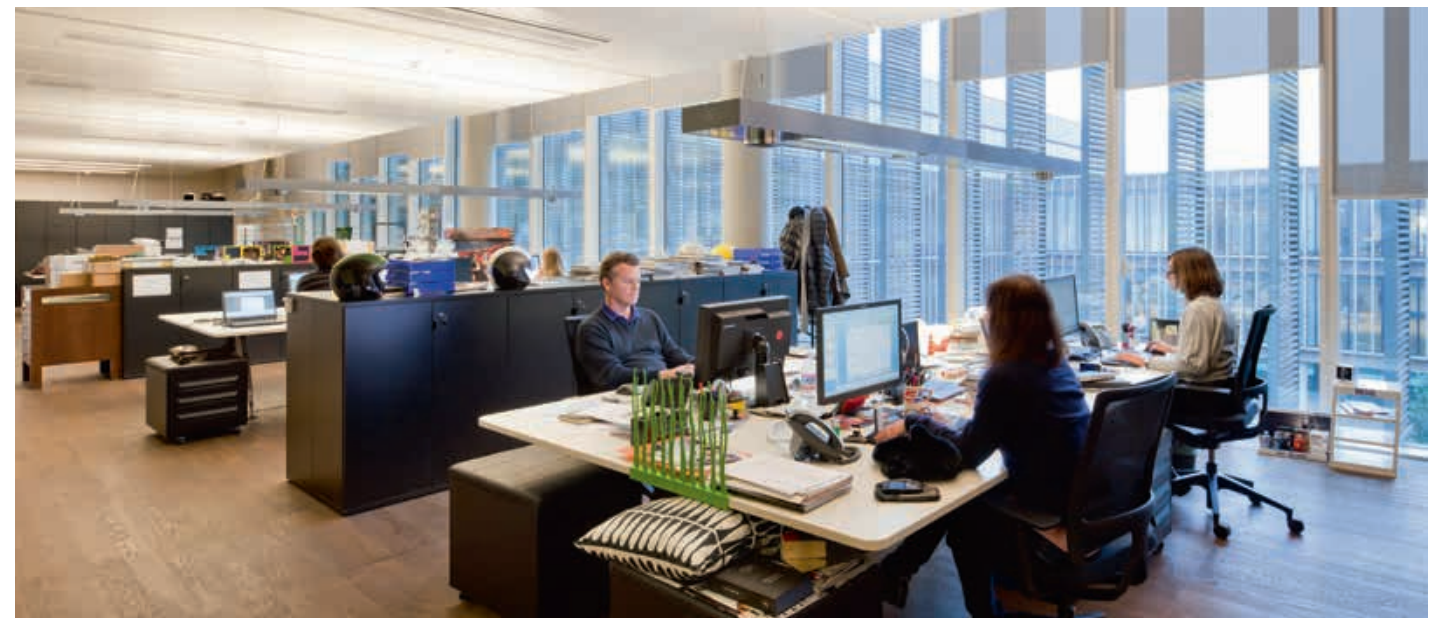
The project was developed by a well-structured, multidisciplinary team. The resulting collaboration, which also comprised a fair amount of argument and discussion, led to decisions which were taken unanimously and which were in line with the objectives of the project and the sustainability targets.

What kind of support did you receive from Regent?

Regent supported us with the technical development of the project by guaranteeing both technical and economic feasibility. Regent was also always willing to invest additional effort when it came to product quality and adapting to project and client requirements.



Interview with Paolo Mantero,
architect from Milan, Italy



The image shows a modern interior space with a prominent staircase. The walls and ceiling are made of a textured, light-colored material, possibly concrete or plaster. A series of vertical, dark-colored slats or louvers runs along the wall, creating a rhythmic pattern of light and shadow. A long, narrow, recessed luminaire fixture is mounted on the ceiling, providing a soft, ambient light. The floor is a smooth, light-colored surface. In the background, there are frosted glass doors and a hallway leading to other parts of the building.

LINES OF LIGHT AND SUNLIGHT IN THE MINISTRY BUILDING IN STUTTGART.

The Channel system batten luminaire creates a subtle sense of orientation.

The interdisciplinary complex of ministries in Willy-Brandt-Strasse in Stuttgart offers just under 20,000 square metres of space for 610 employees from the Ministry of the Interior, the Ministry for the Environment, Climate and Energy, and the Ministry of Rural Development and Consumer Protection.



The ministerial building was designed by Berlin-based architect Volker Staab. The well-devised energy concept places emphasis on the careful use of resources and meets the target of cutting primary energy consumption to 60 per cent of the value stipulated in the 2007 energy conservation regulations.

During the day, the base lighting is largely provided by the daylight flooding into the interior courtyards, while the artificial lighting was to shape the space and support wayfinding. At the same time, it was required to blend in formally with the simple, discreet architectural language.

The Channel profile luminaires reiterate the clear lines of the atria, with the contour lighting reinforcing the architectural concept. The continuous lines of light strips subtly support orientation. Thanks to the staggered alignment of the fluorescent lamps, the lines of light are uniform and continuous – a highly efficient system. Form and function combine perfectly with the architecture and the daylight. **Channel/Channel LED → Products p.19**



New ministry building in Stuttgart, Germany
Client: Baden-Württemberg Ministry of Finance and Economy
Architect: Staab Architekten GmbH, Berlin, Germany
Luminaire applied: Channel

also with
LED



Exemplary reading light for the municipal library in Verney.

The Tool 5 single batten luminaire is a classic solution to lighting tasks.

The site of the former monastery of Verney now houses the new urban administration centre and the municipal library. Due to their very different functions, each tract can be used and accessed independently. The interior spaces feature modern materials and an intelligent lighting concept. The architectural concept is designed to emphasise the openness of the authorities towards citizens.



Particular attention was given to the complex challenges posed by the municipal library. This also applied to the lighting solution. People come here to meet, exchange views, seek peace and quiet, and do research. A balanced lighting design concept, providing the best light values, glare-free light and perfect colour rendition, is set to promote these activities.

The Regent Tool 5 single batten luminaire provides the perfect answer to the wide variety of challenges. Its minimalist design echoes the reduced design of the interior architecture. The combination of direct and indirect lighting provides focussed light for reading and wide-beam coverage to underline the general atmosphere in the space. Plus it does so without generating disturbing glare. **Tool 5 → Products p.31**



Verney municipal library
Client: Administration Centre Verney
Architect: BUR0 II & ARCHI+I
Lighting design: Axioma
Luminaire applied: Tool 5, Solo

INTERVIEW

In Marseille the sea is bathed in light.



Could you explain the project to us briefly?

The “Centre Régional de la Méditerranée” is a public building that serves as a venue for studies and events in a contemporary Mediterranean setting. It is located in a prominent position on the Esplanade Saint Jean in the port of Marseille.

What characterises the architecture of this building?

Two exhibition halls form the core of the facility: one is suspended above the water in a 40-metre wide projection; the other is below sea level and includes multi-purpose areas and an amphitheatre for 400 people.

What requirements did the lighting concept need to address?

The lighting faced several planning-related challenges. General lighting had to be guaranteed that can be controlled by area and intensity. Load-bearing structures had to be constructed for mounting the machinery and exhibition equipment. In order to ensure a solution that was completely independent of the other design elements, the control and supply lines had to be accommodated in the system.

Which solution did you opt for?

In collaboration with Regent – as a single-source supplier – we were able to integrate the entire lighting system into the suspended ceiling.

That sounds plausible, but what exactly does that mean?

The power supply for the general lighting, the track for the scene illumination, the track for mechanical mountings, and a cable duct that needed to be accessed along its entire length for inspection were all housed in one single special section tube.



*Interview with Stefano Boeri,
Stefano Boeri Architetti,
Milan, Italy.*

Villa Méditerranée**Client:** Conseil Regional Provence-Alpes-Côte d'Azur**Architect:** Stefano Boeri**Lighting design:** Cannata & Partners Lighting Design Communication Benevento**Luminaire applied:** customer specific Tool 5 batten

“The sea is the central element of the project. The water surface is integrated into the architecture and defines the public character of the building.”



"I've always been captivated by the architecture of ports."

The Matrix LED spotlight draws customers' attention to products.

Vodafone, one of Europe's largest telecommunications service providers, opened its first German flagship store in Cologne in 2012. The store encompasses around 200 square metres of space, and visitors are able to delve into the world of modern communications and test and learn about the latest developments at first hand. Customers are thus offered a whole new shopping experience. This innovative concept works because of the premium products and the first-rate consulting service. And the right light.



The focus is on the shopping experience, which is enhanced by an intelligent lighting concept. Central themes in this regard are glare-free illumination of the displays as well as optimal product presentation with a low thermal load. In addition, the spotlights can be easily and conveniently integrated into the light management system – and hence also the multimedia system – making it possible to accommodate different lighting requirements with the utmost flexibility. Each spot can be controlled/dimmed individually, enabling different lighting scenarios to be programmed for day, night and event operation.

The Matrix LED spotlight series convinced the Vodafone designers for a number of reasons. The understated and yet very modern design of the spotlight underscores the modern store design. Matrix was developed exclusively as an LED fixture and is available in different wattages ranging from 35 watts to 69 watts and four beam angles. For the Vodafone project, the Matrix was used both as a track-mounted fixture and as a custom solution in the form of a gimbal-mounted, semi-recessed spotlight. Using interchangeable reflectors in the Super Narrow, Spot, Medium or Flood versions, the Matrix LED can respond to varying lighting requirements.

Matrix LED → Products p.33, **Matrix PAL+** → Products p.34



Vodafone flagship store, Cologne, Germany

Client: Vodafone D2 GmbH, Düsseldorf, Germany

Architect: Carsten A. Schubert, Schubert 2 Architekten, Ratingen, Germany

Lighting designer: Jörg Klasen, Die Lichtplaner, Wesel, Germany

Luminaires applied: Matrix LED, Matrix PAL+

**VODAFONE
ATTRACTS CUSTOMERS
WITH LIGHT.**



Roche Diagnostics uses light to underscore flexible structures.

Surface-mounted luminaire Living enhances the open quality of the space.

Swiss company Roche Diagnostics took on quite a challenge with the construction of the new office tower in the town of Rotkreuz in Central Switzerland. It was to be technically functional and promote communication, facilitate exchange among the 625 employees, and at the same time redefine the location. Anyone approaching the transparent landmark in the evening can tell that the team of architects at Burckhardt + Partner and lighting designer Thomas Mika collaborated closely.

The perfect balance of light and architecture enhances the visual impact of the building. The crystal-clear shell with its structurally important diamond structure affords visitors a view inside, inviting them to enter. The coordinated interior lighting concept leaves the building glowing like a lantern after nightfall without implementing a costly exterior lighting scheme. This is just one example of the stringent awareness of efficiency.



The rigid diamond structure on the one hand, and the flexible spatial structure on the other, posed a special challenge when it came to the lighting design. Instead of a logical, linear lighting layout, a concept was applied that is geared in the long term to the flexible use of the rooms. Issues such as luminaire shape, layout, the scale of the elements and specific requirements in terms of efficiency demanded a rethink and individualised solutions. This task could only be addressed through active communication between the architect, the lighting designer and a lighting specialist. Regent was able to constructively contribute to the project thanks to their entire project and technological expertise.

The design team together developed the Living ceiling-mounted luminaire, which aligns optimally with the architectural concept in technical, design and functional terms. Thanks to its form and the fact that it can be rotated, it makes for a sense of orientation and structure despite being applied in a seemingly arbitrary fashion, and shows the building's interior and exterior in a new light. **Living CLD → Products p.23**



Roche Rotkreuz

Client: Hoffmann-La Roche

Architect: Burckhardt + Partner

Lighting design: Thomas Mika

Luminaire applied: Living CLD (ceiling-mounted luminaire)

McFIT achieves top performance – also in terms of efficiency.

Echo LED reduces energy consumption by fifty per cent.

There are now McFIT studios in over 180 locations in Germany, Spain and Austria, making this successful fitness chain undoubtedly Europe's number 1. In 2012, McFIT developed a new, sophisticated studio concept, comprising various aesthetic and media stimuli combining spatial design, music, imagery and interactive media. The aim was to make training a recreational activity with a touch of entertainment.

The new studio design is uncompromising as far as quality is concerned. The use of high-quality materials for walls, ceilings and floors as well as an impressive design make training a genuinely great experience. All McFIT studios in Germany are open around the clock, 365 days a year. This places high demands on the efficiency and lifespan of the luminaires used. At the same time, the designers at McFIT wanted a specific quality of light that would generate the desired atmosphere in the studios. A colour temperature of 2700 Kelvin is generally accepted as providing a pleasant light quality.

The decision-makers at McFIT attached great importance not only to the efficiency of the luminaires but also to the design solution. The Echo 210 LED downlight with its faceted white reflector and a colour temperature of 2700 Kelvin ensures optimum integration of the lighting into the high-quality Techzone acoustic ceiling system from Armstrong.

The sensed direct light pressure is evenly distributed via the mixing chamber and the high-quality reflector, ensuring that the user of the space experiences the lighting as pleasant and effective. The colour of the frame has been adjusted to match the respective ceiling colour, thereby creating an overall harmonious impression. The version with the additional cover ring is IP 55-rated, meaning that the downlights can also be used in shower areas. With a light output of up to 75 lumens/watt, McFIT was able to reduce the energy consumption for the lighting in the studios by almost 50 per cent, while at the same time ensuring very high light quality.

Echo LED → Products p.17

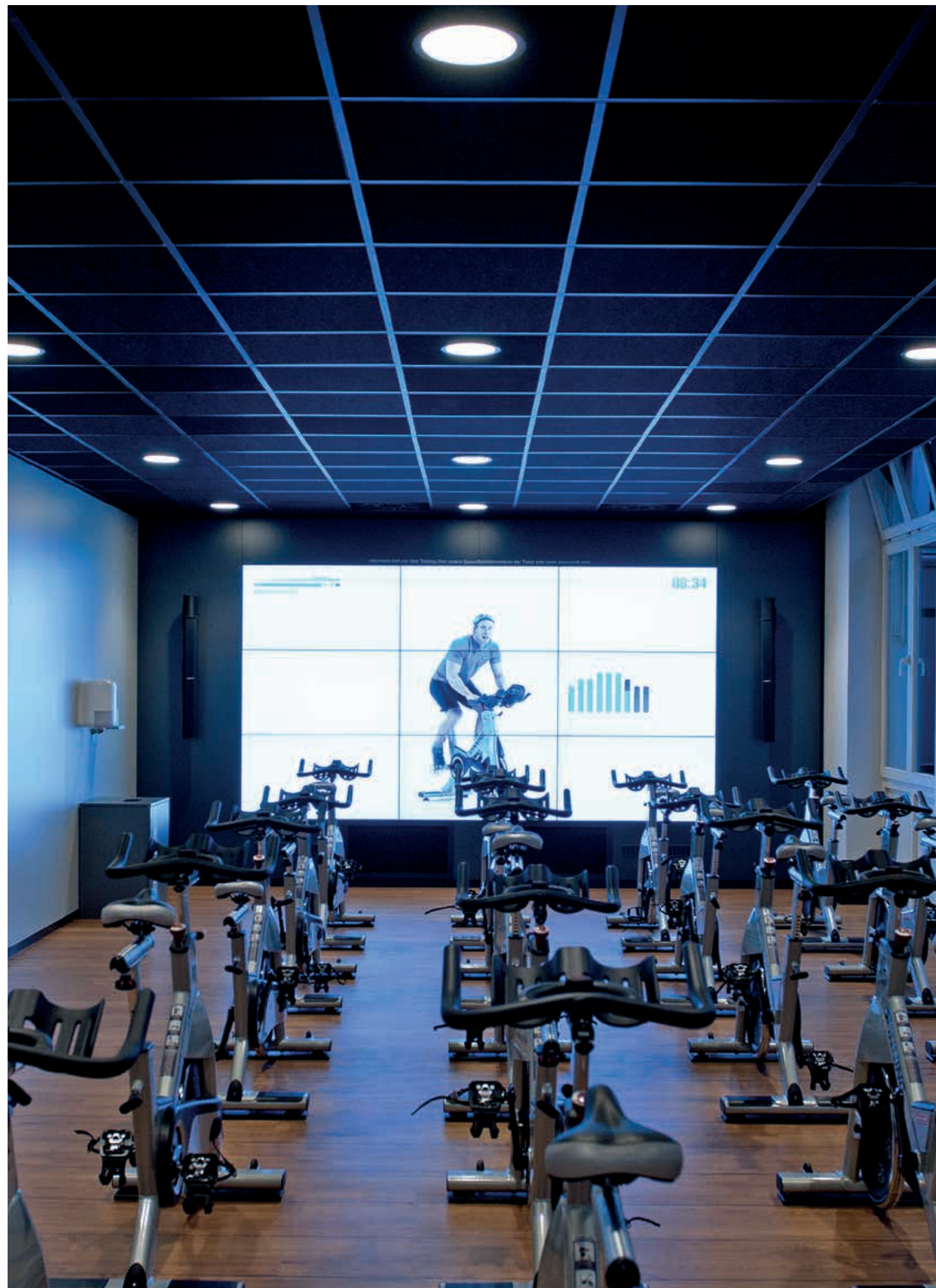


McFIT Berlin, Germany

Client: McFIT GmbH, Germany

Lighting design: Regent Licht GmbH, Germany

Luminaire applied: Echo LED, Signo LED





40 m²

of luminous surfaces are enough to provide uniform illumination in a space with a floor area of 1,740 square metres.

INTERVIEW

“The multi-purpose space was bound by an ecological concept right from the start.”

Interview with Olivier Souquet, DE-SO Architectes.



What were the fundamental considerations related to this project?

The multi-purpose space “La Boiserie” in Mazan was bound by an ecological concept right from the start. The concept of sustainability is even reflected in the construction materials: the raw wood comes from the forests of nearby Mont Ventoux, whilst the walls are insulated with straw and provide excellent heat insulation.

“The raw wood comes from the forests of nearby Mont Ventoux.”

How did the ecological premise impact the realisation of the project?

The entire interior is reminiscent of the upside-down hull of a ship. This design not only makes the space aesthetically convincing but also makes for astounding acoustic quality.

Let's talk about light. What role did the lighting play?

The considerations with regard to lighting were key to this ambitious project. On the one hand, it had to be able to respond to the various uses and technical demands of the hall, and on the

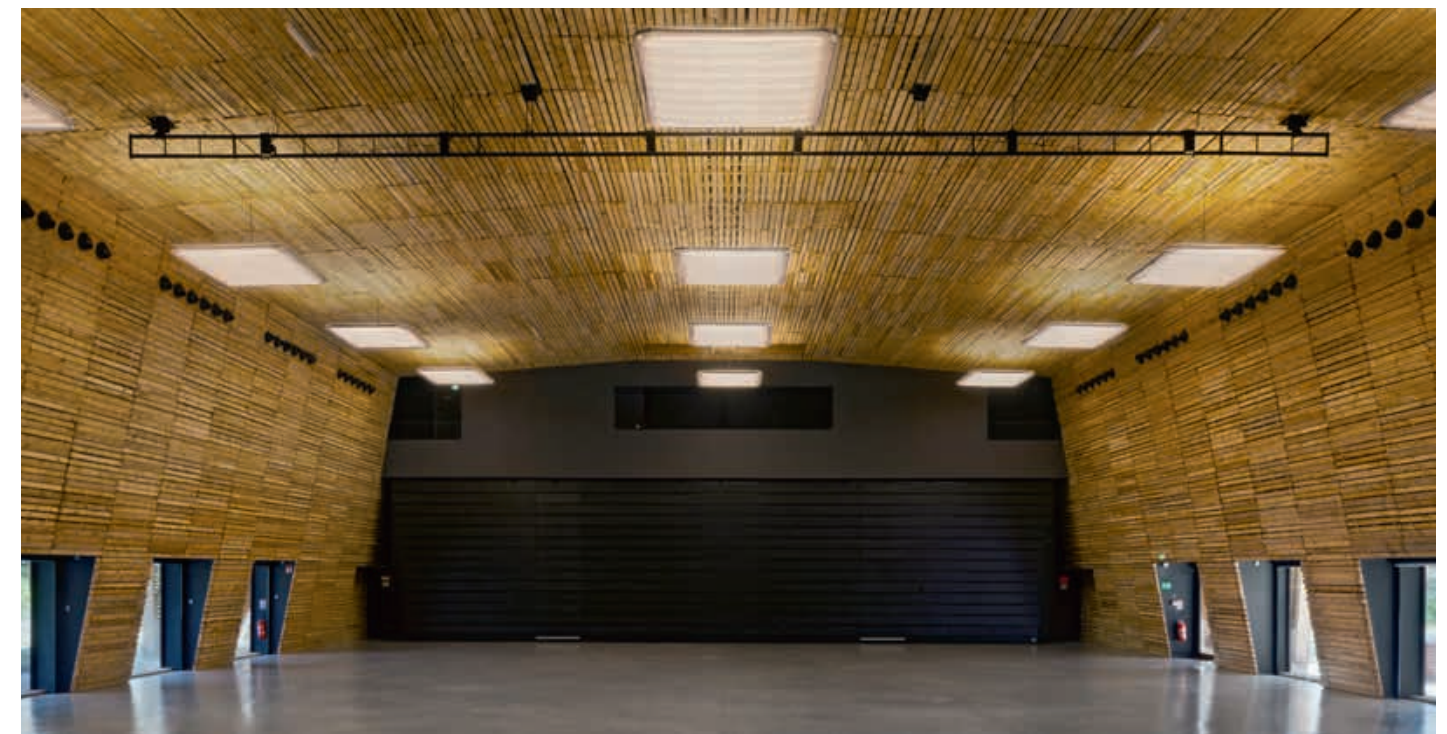
other hand, the artificial light needed to enhance the high-quality materials and blend with the overall setting.

“The Meteo luminaire from Regent proved to be an efficient, multi-purpose luminaire.”

Which lighting solution did you opt for, and why?

In the course of the work on this project, the Meteo luminaire from Regent proved to be an efficient, multi-purpose luminaire. Through the use of textile diffusers, Meteo provides comfortable light that is very similar to natural daylight. The combination of direct and indirect light components permits a wide range of lighting scenarios, so the luminaire can flexibly fulfil all of the requirements of the hall. **Meteo → Products p.27**

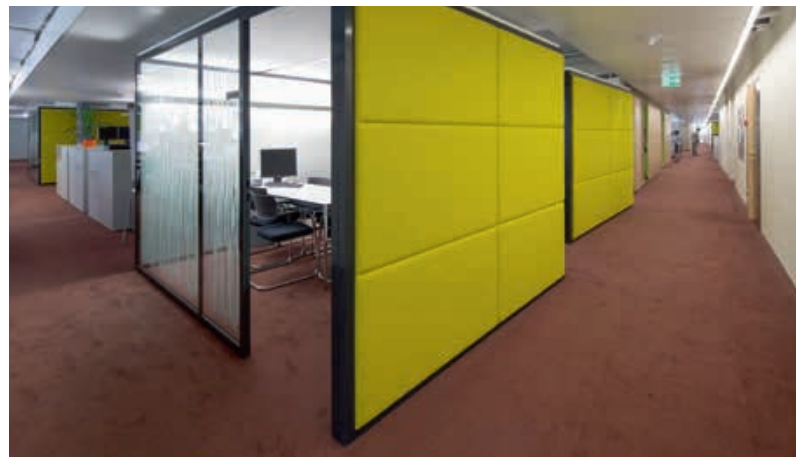
La Boiserie, Mazan; Client: Commune de Mazan/AMO; **Architect:** de-so Architecture, Paris; **Luminaire applied:** Meteo



Basler Kantonalbank uses light in diverse ways.

“Slash” batten luminaires make their mark(s). Straight lines, selectively placed.

Basel's SüdPark combines banking, shopping, living and working all under one roof. The project was designed by Herzog & de Meuron with the aim of revitalising this quarter of the city. A large part of the usable space is taken up by Basler Kantonalbank offices and meeting rooms.



The Swiss national bank commissioned Regent to develop and realise the lighting concept. Alongside general trading, the business customer division, an IT competence centre and the risk control department are also accommodated in the building. So-called “room-in-room” systems present a very special challenge. The multi-purpose use of the space required a lighting solution that would suit a wide variety of tasks.

The “Slash” lighting system offers a perfect balance between basic ambient lighting and lighting accents. For the peripheral areas and the corridors in particular, the lighting system provides harmonious light distribution over the walls and ceilings. In order to generate the impression of an integrated whole, “Channel” light profiles pick up the concept of continuous lines of light in the circulation zones. In contrast to the general lighting, Level MDT free-standing luminaires ensure individual workplaces are well lit.

Slash/Slash 2 LED → Products p.21



Kantonalbank Basel
Client: Kantonalbank Basel
Architect: Herzog & de Meuron Architekten
Lighting design: Regent Lighting
Luminaire applied: Slash, Strip

also with
LED

Alpine schools teach the lowlands a thing or two about efficiency.



The Solo recessed luminaire meets specifications to a tee.

Together with the existing building, the new school building in Vollèges in the Swiss canton of Valais forms a new point of reference on the school grounds. It provides access to the adjacent buildings. Each of the three floors houses four classrooms. Thanks to the compact design, the first-class insulation and energy-saving specifications for the interior, the architecturally minimalist concrete building meets stringent Minergie standards, without sacrificing user comfort.

The requirements for a suitable luminaire for this project were complex. In addition to being outstandingly efficient, it also had to be possible to integrate it into the exposed concrete. So as not to dilute the clarity of the architectural concept, the round luminaires were to have the same shape and size, regardless of whether they were used in classrooms or hallways. To prevent glare in the classrooms, UGR standards also had to be observed.

Light measurements in the classrooms revealed that the round Solo recessed luminaire with CLD (Controlled Luminance Diffuser) meets the required efficiency criteria to an optimum. Integrated into the exposed concrete ceilings, the Solo recessed luminaire fits perfectly into the uncompromisingly sober architecture and complies with all relevant standards in this project. **Solo/Solo LED → Products p.18**



Vollèges primary school, Switzerland

Client: Commune de Vollèges

Architect: Savioz Fabrizzi Architectes

Lighting design: Regent Lighting, Lami Ingenieur

Luminaire applied: Solo

also with
LED



AT COCA-COLA, LIGHT MANAGES ITSELF.

The Level CLD free-standing luminaire only lights up when needed.

The well-known beverage manufacturer Coca-Cola has consolidated its sales and marketing activities in a new office building in Berlin's trendy Osthafen district. Architects NPS Tchoban Voss have designed a building that offers all the conveniences of modern office architecture to approximately 400 employees.



Inside the building, light colours underscore the clear architectural structures. The contrast with the vibrant red carpeting makes for an exciting statement, creating a lively working atmosphere. The transparency of the open-plan office structure is enhanced by mobile glass partitions.

The lighting was to be an integral part of the overall concept, and at the same time cater to the needs of employees. The facade facing the Spree River is fully glazed, while the other sides of the building display different shades of red as a reference to the distinctive corporate colour.

Coca-Cola opted to illuminate the open-plan offices flexibly and efficiently using free-standing luminaires. Level CLD free-standing luminaires are sourced with 4 x 28 watt compact fluorescent lamps and feature clear lines and pleasingly simple design, allowing them to integrate perfectly into the architectural space. Integrated SensoDim® presence and brightness control ensures the individual lighting needs of the employees are met and, at the same time, exploits potential savings to the full.

Level CLD → Products p.5



Coca-Cola Berlin, Germany

Client: Coca-Cola AG

Architect: NPS Tchoban Voss, Berlin

General contractor: HOCHTIEF Solutions AG, Berlin

Office furnishings: Graef GmbH, Berlin

Luminaire applied: Level CLD

Anyone studying in Olten saves energy.

The Slash 2 LED system batten luminaire reduces energy consumption by 40 per cent.

The campus of the University of Applied Sciences and Arts Northwestern Switzerland in Olten also comprises the School of Applied Psychology, the School of Social Work and the School of Business. With its public library, public canteen and attractive forecourt, the new building has become the hub of student life.



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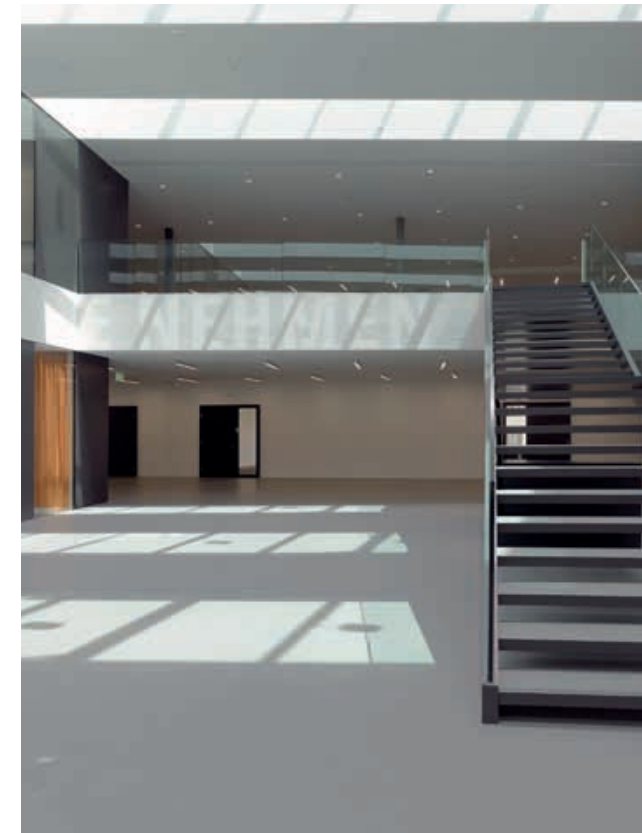
The new build project is the first building construction project in the canton of Solothurn to comply with the Minergie-P-Eco standards. A photovoltaic system has been installed on the roof. In order to be able to achieve the required Minergie-P-Eco threshold values, only LED luminaires have been installed in the building. In the long term, the savings in terms of energy consumption and maintenance costs are calculated to offset the higher investment costs for the construction work.

The Slash 2 LED system batten luminaire features state-of-the-art LED technology. In combination with LEDs and opal diffusers with APD (Added Performance Diffuser) technology, this slimline linear luminaire can achieve an output of 72 lumens/watt, making

it a highly efficient lighting solution that can reduce energy consumption by up to 40 per cent.

Attention has also been paid to ensuring the quality criteria pertaining to good lighting, such as visual performance, visual comfort and ambience. In view of the ambitious goals and the fact that they have been attained to the full, this project can also be said to be exemplary from a lighting technology point of view.

Slash 2 LED → Products p.21



University of Applied Sciences and Arts Northwestern Switzerland Olten, Switzerland

Client: Rötihof building department, Solothurn, Switzerland

Architect: Bauart, Architekten und Planer AG, Bern

Lighting design: Amstein + Walthert Bern AG, Bern

Luminaire applied: Slash 2 LED, Oxxo, Euro, ICE Open LED



**LIGHT BECOMES
PART OF THE
ARCHITECTURE AT
ACTELION.**

The Act LED pendant luminaire designed by Herzog & de Meuron and Regent Lighting.



The building stands for innovation and openness, thus symbolising the company's core values. The architectural concept is in keeping with the forward-looking corporate strategy. The functionality and creativity of the architecture guarantee an inspiring and communicative work environment.

Openness, innovation and communication are the core values of the international company and are expressed in the concept of the new building. The architectural concept is geared towards the fundamental theme of open communication. Inspiration is stimulated by the different layout of each floor. Lifts and stairwells become places for people to meet and exchange ideas. Transparency and openness is also achieved through the extensive use of glazing, promoting visual contact from inside to out, and vice versa. And light plays a special role. The architectural concept required the lighting to be calm and even so that the users of the building would not consciously perceive the spaces when moving through them.

The lighting concept was developed by architects Herzog & de Meuron together with the lighting design team from matí AG in Adliswil, Switzerland and Regent. Round recessed luminaires with opal diffusers as well as trimless downlights were integrated into the architecture, creating the desired harmonious lighting mood and a pleasant atmosphere. The task lighting comprises two elements: free-standing Level luminaires equipped with SensoDim® technology for individual workstation lighting, and the Act LED pendant luminaire developed by architects Herzog & de Meuron and Regent for temporary workstations and meeting rooms. This lighting solution provides an accentuated lighting component. **Act LED → Products p.24**



Actelion Allschwil, Switzerland

Client: Actelion Pharmaceuticals Ltd, Allschwil, Switzerland

Architect: Herzog & de Meuron, Basel, Switzerland

Lighting designer: matí AG, Adliswil, Switzerland

Luminaires applied: Act LED

Münster University of Applied Sciences performs many tasks with one luminaire.

The Item product line demonstrates almost boundless versatility.



Münster University of Applied Sciences

Client: Bau- und Liegenschaftsbetrieb NRW (BLB NRW), Niederlassung Münster

Architects (extension): Berg Planungsgesellschaft mbH & Co. KG, Münster

Lighting designer: Regent Licht GmbH, Germany

Luminaire applied: Item

also with
LED

The University of Applied Sciences complex in Münster urgently needs additional space. In order to meet this demand, the technical facilities in the existing buildings have been refurbished and a five-storey extension commissioned.

The extension is built onto the west side of the existing building and connected to it on all floors. Extensive glazed sections of facade interspersed with closed sections make for generous light influx and transparency. In addition to a spacious foyer, the extension houses other important facilities, including a main auditorium, a cafeteria and part of the library as well as lecture halls, seminar rooms, offices and computer pools.

The transparency predetermined by the architecture was to be continued inside the building. The luminaires applied, be they pendant or surface-mounted, were required to adhere to the overall concept in terms of formal language and underscore the linear quality of the architecture. The lighting solution comprises a highly efficient, modern and attractive design that satisfies a wide range of technical requirements. In addition, visual comfort and glare-free lighting ensure fatigue-free working conditions.

The Item range was able to meet all design, efficiency and technical demands superbly. The luminaire boasts simple design and outstanding lighting technology, the latter thanks to its advanced louver technology or microprismatic optics (CLD). The slimline frame, which is just 35 millimetres thick, allows the fixtures to be integrated elegantly into any space. Equipped with fluorescent sources, both surface-mounted and pendant luminaires can achieve a light output of over 90 per cent. At Münster University of Applied Sciences, almost 1000 Item luminaires now guarantee optimum light quality in the lecture halls and offices.

Item/Item C-LED → Products p.22





A SHOWROOM FOR DISCOVERERS OF LIGHT.

The Tea pendant luminaire – an inspiring synthesis of form and light.

In order to bring the Regent brand closer to the customer, Regent Lighting has opened a Light Competence Centre in Zurich. The aim of the studio is, first and foremost, the realisation of the company's own vision of providing customers with a basic knowledge of LEDs that will allow them to ask the right questions and thus make the right decisions. So, over the 400 square metres of space, it is not actually the lights that take centre stage but rather inspiration, technology and specific implementation.



In order to fulfil these objectives, the overall space has been divided into four different sections. The front section offers visitors the opportunity to experience light and thus gain inspiration. The central area focuses on the conveyance of knowledge, and in the rear section there is a mock-up area where the customer can test lighting ideas plus a luminaire workshop. In the Inspiration area, the goal is to convince the visitor of the importance of light and inspire him to apply it wisely. Controlling the luminaires, achieving the right light quality, and luminaire design all play a central role.

There is hardly any other luminaire that fulfils these demands to the extent that "Tea" does. This luminaire was designed by architects Herzog & de Meuron and combines refined lighting technology, excellent technical values and extraordinary design. In the 130 square metre entrance hall, nine Tea luminaires plus a number of Matrix LED fixtures have been installed. All are individually controllable. The visitor is thus guaranteed a maximum light experience tailored entirely to his or her wishes. Most importantly, this gives Regent the opportunity to demonstrate what is possible using new lighting technologies. **Tea → Products p.29**



Regent Lighting Center (RLC) Zürich, Switzerland

Client: Regent Beleuchtungskörper AG

Lighting design: Regent Lighting

Luminaire applied: Tea, Matrix LED

CUSTOMER-SPECIFIC PROJECT

Allianz Suisse collaborates with Regent to ensure good lighting.

Interview with Christian Albrecht; Head of Regent Zürich.

Can you explain in a few words what the brief was for this project?

Allianz Suisse AG in Wallisellen was looking for highly efficient, free-standing luminaires with a central upright stand, which could be controlled both individually and centrally. Moreover, the luminaire had to meet the requirements of the client, the architect and the staff committee.

What were the biggest challenges here?

The objective was to develop a double-head free-standing luminaire based on the Regent Tweak CLD LED luminaire, with a central connection to the upright rod. Various control sources should be able to influence the behaviour of the lights. For energy-related as well as occupational psychological reasons, the luminaires are supposed to be able to respond to the surroundings with the optimum amount and quality of light. In addition to extensive automation, the user should be able to affect the settings of the luminaire manually. Presence control should support efficiency. And at nightfall, pleasant and efficient lighting is to be ensured.



Were there any other requests that you had to accommodate?

The luminaires had to be installed using permanently allocated KNX addressing and fixed positions in the building.

What solution did Regent deliver?

Regent delivered a luminaire specifically developed for the customer, one which satisfies all the requirements concerning control and integration into the building

automation. The possibility of making individual settings was not ignored. In order to achieve an optimum effect in Open Space, all luminaires were equipped with the integrated SensoDim® daylight management system and the ALONEatWORK® wireless communication technology.

Tweak CLD LED → Products p.6 – 11

Allianz Suisse AG, Wallisellen; Lighting design: R&B engineering AG, Sargans; **Luminaire applied:** Tweak CLD LED (customer specific: with a central connection to the upright rod)



We have as many projects as we have customers – our department for customer-specific projects.

For us, working closely with our customers is far more than a promise. We see this as our mission. We want to use our skills to guarantee our customers a quick, reliable and tailor-made approach for all pilot projects.

The customer-specific projects department (CSP) is able to respond flexibly to every new challenge, regardless of the size, location and volume of the respective project. With 17 specialists from all relevant areas, the department is self-contained and does not have to rely on resources from the development team working on the core range. This avoids lengthy resource approval processes and has a noticeable effect on response time.

The project-oriented department covers the entire project activity chain: from project support in the project acquisition phase to project execution and final implementation.

But it is not only customers we are directly involved with who benefit from our wealth of knowledge and experience. Custom developed products enhance our overall catalogue range and make a substantial contribution to the company's innovation rate.



LIGHT SETS A PRECEDENT IN BASEL-LAND.

The Torino pendant luminaire: the epitome of unobtrusiveness.

“Open learning environments” promote exploratory learning, and communication and social skills in particular. Vocational schools aim to promote mutual respect and acceptance. Each and every individual has to take responsibility here. The open-plan classroom design at Baselland Vocational School is an absolute novelty in the Swiss education landscape.



The walls and doors of a traditional classroom have been replaced by lightweight partitions in the form of curtains. The room layout needed to be open to allow changing group formations and cross-group contact between students and teachers. The lighting design was required to support this concept.

Thanks to its timeless design, the Torino luminaire integrates naturally into practically any surroundings. The Torino aligns perfectly with the oval acoustic elements suspended from the ceiling. The lighting thus fits perfectly with the open-plan design of the space, and the required illuminance levels are guaranteed in all areas.

Torino → Products p.30



Healthcare Vocational Training College Basel-Land

Client: Modehaus Spengler, Münchenstein, Switzerland

Planner: Municipal building department of the canton of Basel-Landschaft

Lighting design: Regent Lighting

Luminaires applied: Torino, Level MDT (Freestanding luminaire)

At Ingenia in Linz, light acts as a form giver and supports orientation.

The Channel Up-Down profile luminaire fills the spaces with light.



That a company specialising in galvanising solutions can also have a flair for architecture is demonstrated in the headquarters of the Linz-based company Ingenia. The culture of active communication within the company has given rise to a generously designed spatial concept. Special emphasis was given to achieving the greatest possible transparency. Only the corporate management offices and the financial management department are separated by glass walls. The linear lighting concept nevertheless provides the required orientation while at the same time optically subdividing the rooms.



The conscious use of daylight and artificial light was one of the central themes. A lighting specialist with an understanding of three-dimensional space was required: Regent. The architectural design and the lighting concept were to be developed in parallel with the project. What was needed was a constructive analysis of the architecture, some concrete proposals, and a discussion based on knowledge and experience involving product-neutral propositions and opinions. Regent adopted the role of a sparring partner, challenging conventional approaches and encouraging the client to embrace change. Regular meetings, visits and strict cost control formed the basis of the negotiations.

The use of Channel Up-Down, aligned in a linear fashion in a single direction, makes for a calming spacious atmosphere – with the interior of the structure merging with the exterior. All the luminaires are direct-indirect fixtures, whereby the direct profile luminaires are equipped with specular louvers to ensure they are suitable for application at computer workstations. The custom finish to the luminaires allows them to blend seamlessly into the architecture. One impressive effect is the way the lines of light appear to continue outside through the glazed facades. Viewed from a distance, the building stands out as an extremely light and airy structure. This is further enhanced after dark by the light radiating from within. **Channel Up-Down → Products p.25, Channel 1.5 → Products p.20**



Ingenia Linz, Austria

Client: Ingenia GmbH, Austria

Architect: Peter Reiter, Eck Architekten, Innsbruck, Austria

Lighting designer: Regent Licht GmbH, Austria

Luminaire applied: Channel Up-Down, Channel 1.5



Swiss bank invests in the most efficient lighting system.

Level CLD LED free-standing luminaire makes for an optimum energy balance.

The new UBS building in Zurich houses the global financial services company's workstations, meeting and training rooms, a staff canteen and a UBS branch office. Shops and restaurants are planned on the ground floor. The new structure blends in well with the neighbouring properties, creating an interesting and lively quarter in the Swiss capital.



Particular attention was paid to the optimum illumination of the workstations. The brief was clearly defined from the outset and appeared to leave little scope for discussion. What was sought was an individual workstation lighting solution using free-standing luminaires sourced with 4 x 55 watt lamps. Further requirements included high energy efficiency and minimal maintenance costs.

Regent has been developing free-standing luminaires for decades. This expertise and the use of LED technology provided new innovative solutions. The Level CLD LED free-standing luminaire has a light output of up to 100 lumens/watt and is thus extremely energy-efficient, cutting power consumption by more than half. In addition, the CLD (Controlled Luminance Diffuser) guarantees glare-free lighting at the workplace.

Level CLD LED → Products p.4



UBS AG, Europaallee 21, Zurich, Switzerland

Client: UBS AG, Zürich

Architects: Max Dudler, Annette Gigon with Mike Guyer and David Chipperfield

Lighting design: Regent Lighting

Luminaires applied: Level CLD LED

INTERVIEW

Vodafone communicates with ALONE at WORK[®]

Interview mit Hendrik Grempe,
Head of Property Management Vodafone, Düsseldorf.



Vodafone Germany, with its headquarters in Düsseldorf, is one of the largest telecommunications providers on the German market. With its new group headquarters, the completely integrated communication firm made space for 5,000 employees on an 86,000 square metre campus. The campus stands for communication, creativity, and a lot of free space for the employees. In-depth knowledge about modern office space design was a major influence on Vodafone campus design – the needs of the employees, however, were of central importance.

Why was communication technology so important to you when planning the lighting design?

With free-standing luminaires, solutions that apply only to individual workstations lead to strong contrasts in brightness in the space. This hard bright-dark contrast is very dissatisfying and fatiguing from an ergonomic perspective. We wanted to avoid this problem in the least complicated way possible.

What were the needs that made you opt for the ALONE at WORK[®] technology? Personnel needs (e.g. flexible work shifts) or spatial concerns (e.g. open space office design)?

We wanted a highly flexible open space lighting concept using only mobile free-standing luminaires. Moreover, we wanted to comply with all standards for occupational health and safety. We worked with Regent to develop a customised ALONEatWORK solution for the Vodafone campus project.

Which were the special challenges in terms of communication technology for this project?

With Vodafone there are, with just a few exceptions, almost no fixed assignments for workstations. We work 24/7 with large fluctuations in the workstation occupancy. So we needed a lighting concept that adapted as simply as possible to both personnel presence and daylight.

Why did you opt for ALONE at WORK in the end?

ALONE at WORK makes it easy to change and reorganise the luminaires in the room without costly and tedious programming.

How did ALONE at WORK differ from the competitors' offers?

The luminaires communicate via an opto-electronic connection rather than radio waves, so it's a completely non-hazardous solution. **ALONEatWORK[®] → Products p.12–15**

Hendrik Grempe, Head of Property Management Vodafone, Düsseldorf.



Geneva: diplomatic lighting solution to suit everybody.

ITU cuts its energy consumption by 50% with NoLimit.

The International Telecommunication Union (ITU) is a specialised agency of the United Nations that deals with technical aspects of telecommunications worldwide. It is the second oldest international organisation after the International Committee of the Red Cross, which was founded in 1863.



In the course of extensive renovations, the conference room of the ITU headquarters in Geneva was to be optimised with respect to efficiency and lighting quality. For the 500-square-metre hall, which can be divided into two rooms, the plan entailed a modular lighting concept that allows a variety of lighting scenarios.

The aim was to make it possible to use the conference room more flexibly with the aid of a lighting control system combined with direct/indirect light sources. The hall contains a light-sensitive wall fresco which required illuminating carefully to prevent fading over time.

Using NoLimit luminaires and a EURO 32W DALI lighting control system it was possible to cut energy consumption by 50 per cent, while at the same time increasing the light level by 30 per cent. The design of the luminaire complied with the desire for modularity. NoLimit offered considerable scope in terms of precise focussing of the light and was integrated discreetly into the space via wire suspension cables. **NoLimit → Products p.28**



ITU Geneva, Switzerland

Lighting design: Regent Lighting and Scherler Ingénieur Geneva
Luminaire applied: NoLimit



Daylight plays an exemplary role at Zaugg Rohrbach.

The Meteo pendant luminaire satisfies the Minergie requirements to an optimum.

Zaugg AG, based in the Swiss town of Rohrbach, constructs buildings and transports heavy loads. Its core competencies include hall construction and architectural services from a single source. The new company building therefore had to be much more than merely a place to receive visitors: it had to demonstrate the company's core competencies to prospective customers: a Minergie P-Eco-compliant hall-type office building planned and executed in-house from start to finish.



An in-house architect planned the building and supervised the whole process. The entrance hall with its generous ceiling height and extensive glazing is designed to appear welcoming. The avant-garde design is deliberately eye-catching. The lighting is inspired by daylight. Since the lighting was given high priority from the start, innovative lighting solutions had to be sought at an early stage.

The ultimate goal was to use artificial light to generate an effect as similar to daylight as possible. Meteo, which comprises a series of batten luminaires encased in textile diffusers, makes it possible to achieve such lighting conditions.

In addition in the office spaces, the Today free-standing luminaire was applied. This luminaire is of a similar design to Meteo and offers appropriate glare control.

Along with the Today luminaire's high efficiency rating of >85%, a daylight detection control system was integrated by the client, which, depending on outdoor brightness and the presence of people in the building, ensures lighting needs are fulfilled. This solution also meant that the building meets Minergie P-Eco requirements. The Flow luminaire provides pleasant lighting and a harmonious atmosphere in the circulation zones and the areas where staff take their breaks. **Meteo → Products p.27**



Zaugg Rohrbach, Switzerland
Client/architect: Zaugg AG
Lighting design: Regent Lighting
Luminaire applied: Meteo, Today, Flow



"Only an environment tailored to individual needs is inspiring..."

Interview with Ram Goldberg, Ram Goldberg Architects, Tel Aviv, Israel.



What are currently the most important changes in the office world?

The office world is undergoing a major change. SAP in Israel is no exception. One might even call it a revolution. The trend towards more individuality and the influence of modern communication technologies is steadily increasing.

This is nothing new in itself. What do you mean exactly?

Whereas in the past an employee's position was defined by furniture and work space, it is now defined by knowledge. Knowledge that can be accessed in the same quality from anywhere thanks to Facebook, Google and other portals. Knowledge does not require a fixed workstation. This promotes mobility.

Are you saying that you would ideally like to dispense entirely with "offices" per se?

No. Offices remain important. Only their function needs rethinking. Offices are places where people come together to contribute ideas and knowledge and to jointly develop solutions.

What will the office of the future look like?

Rooms must be designed so that employees look forward to going to the office. The office must give them personal freedom: freedom to choose where they want to sit and whom they want to meet. Only an environment tailored to individual needs is inspiring and leads to constructive solutions. We must free ourselves from fixed workstations, small and open-plan office structures.

Has the future already started for you?

Yes. Namely with the new SAP building in Tel Aviv. In order to create a large room, we hollowed out the entire floor. Due to the lack of walls, the room can be adapted stringently to projects. In order to guarantee the utmost flexibility, each employee is provided with a sturdy table on wheels with all work utensils. This marks the birth of the mobile meeting room.

"Light defines the function of individual sectors within the room."

What role does light play here?

A very important one. In order to avoid chaos, the flexibility needs to be given a framework. Light is used, on the one hand, for basic lighting; it divides up the room and also defines the function of individual sectors within it, i.e. where meetings are held, where people move and where they relax.





In the Climate House in Bremerhaven, light emphasises darkness.

The Poco Spot track-mounted spotlight creates highlights for the senses.

Anyone visiting Climate House 8° East in Bremerhaven is invited to embark on a journey across the Earth's climatic zones. From Sardinia to Switzerland, through the mudflats on the North Sea coast via the Antarctic to the Sudan – every room is an adventure in its own right, allowing the visitor to experience the respective climatic conditions in an impressive and memorable way. To make climate change tangible to people, each room offers its own realm of experience, which is completely sealed off from the outside world.

Thus the entire exhibition was planned as a dark exhibition, which in turn made the lighting design a particularly challenging task. Light was intended to play an integrative role, focussing the visitor's attention on the individual parts of the exhibition without making the darkness any less mysterious. This was a task which one would expect to be applied in line with clearly defined stipulations. But the different basic conditions within the exhibition spaces as well as the exhibits themselves, which changed a number of times in the course of the planning process, resulted in the lighting concept having to be constantly modified – just as the visitors also have to adapt to changing climatic conditions time and again during their "journey".

It was only possible to achieve optimum solutions by adopting a flexible approach when designing the lighting to respond these very different and variable conditions – not only with regard to the design process itself but also on the part of the luminaire manufacturer.

In the search for the right lighting partner, Regent was able to convince the client, on the one hand, with the highly versatile Poco Spot spotlight, which can also be fitted with anti-glare shields and colour filters, and, on the other hand, with the Channel profile luminaire. Both generate the desired lighting effects and create clear boundaries between darkness and the individual exhibits. One of the advantages of the Poco Spot system is that the reflectors can be removed and replaced easily via a bayonet-type lock, thus enabling the beam angle to be changed from spot to wide beam. **Poco Spot/Poco Spot LED → Products p.32**



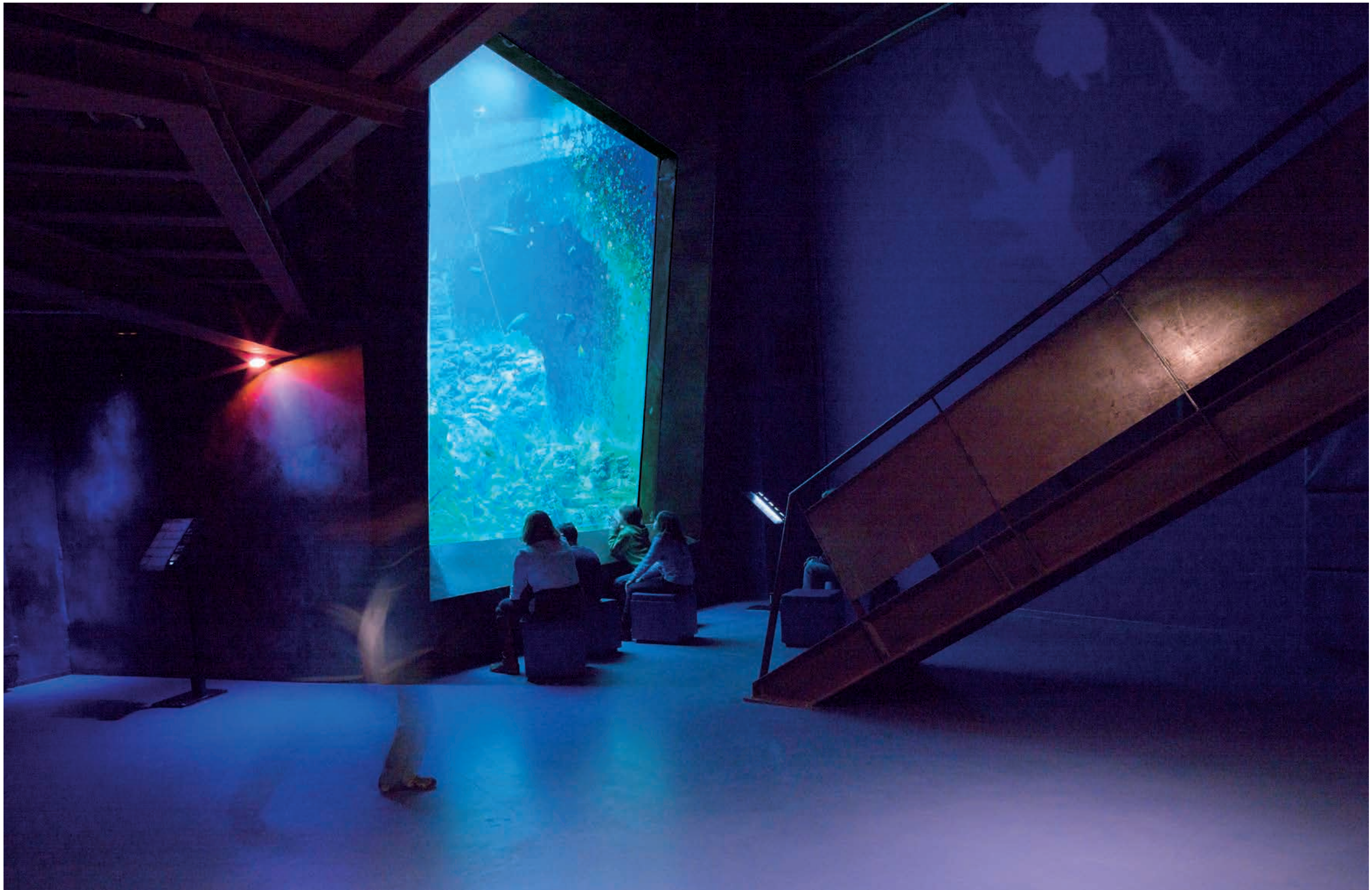
Klimahaus 8° Ost Bremerhaven, Germany

Client: BEAN, Bremerhaven

Lighting Designer: 2006 – 2007: Florian Reißmann and Angela Tiedt, tdrei Lichtplanung, 2007 – 2009: Florian Reißmann, Inlux Lichtplanung, Hamburg, Germany

Luminaire applied: Poco Spot

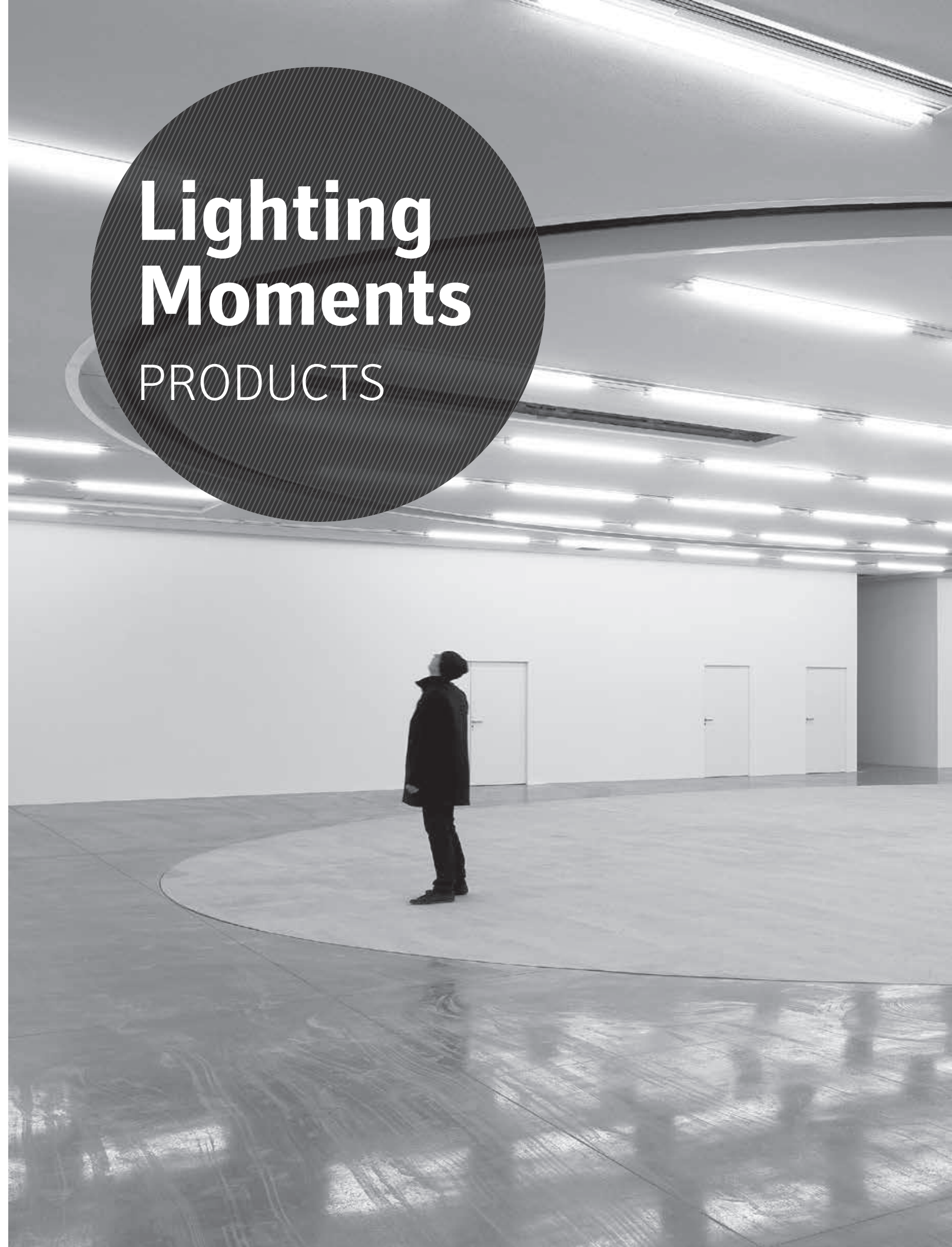






Lighting Moments

PRODUCTS





Lighting Moments

PRODUCTS

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Lighting solutions from Regent.

Discover the products behind the projects. All the products you will find on the following pages are part of Regent's range of luminaires. Ready to be ordered and delivered.

Webcode: You would like to know more?

To obtain more detailed information about a product, simply enter the **webcode** in the input field at www.regent.ch You will then receive comprehensive data on the product you are interested in.

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Level CLD LED

Classic exterior. Futuristic interior. → p.64

WEBCODE: 015204



The Level CLD LED is an innovative development of the classic Level CLD – the difference being its new slightly protruding diffuser. It comprises the optimum combination of existing design, user-friendly functionality and cutting-edge LED technology. With a light output of approx. 100 lm/W, energy savings of up to 20% are possible. The Level CLD LED is available as a pendant or wall-mounted luminaire.

- visible, glare-free light
- aluminium profile frame, silver metallic, thermo-lacquered
- with a micro-prismatic CLD (controlled luminance diffuser)



Level CLD LED with protruding diffuser



CLD Diffuser

Level CLD

A new classic. → p.44

WEBCODE: 015203

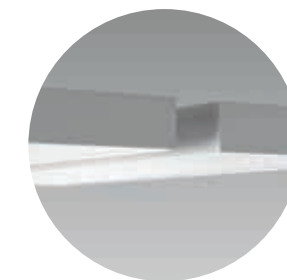


The classic Level CLD is now even better. This free-standing luminaire meets the wide range of demands of a modular office, as well as addressing energy concerns. The CLD can cater to the individual requirements of any office to an optimum. This best-selling free-standing luminaire is also available in pendant, ceiling-mounted and wall-mounted versions to harmonise with the interior architecture.

- twin luminaire heads just four centimetres high
- fulfils the most stringent anti-glare requirements



Level CLD with SensoDim®



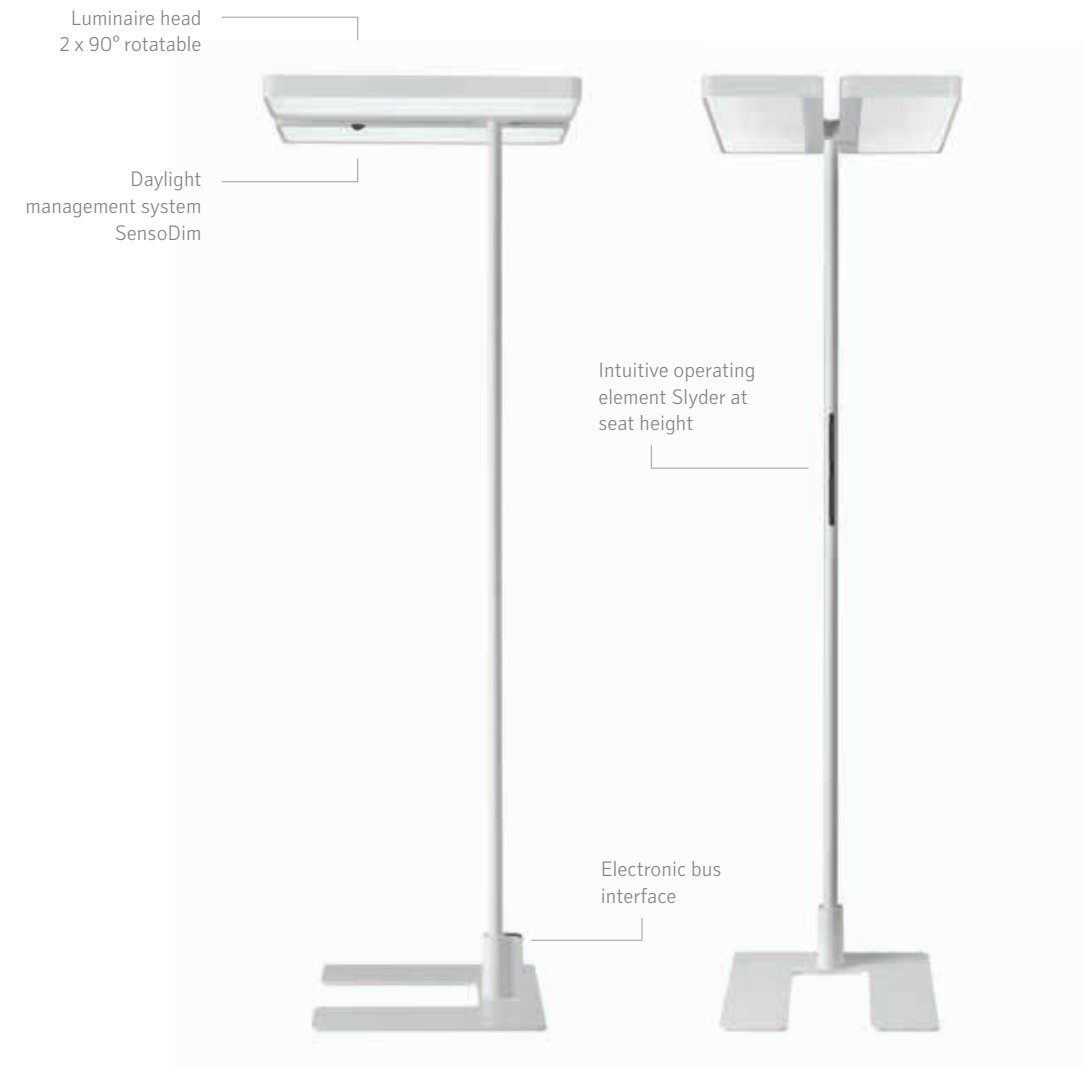
Lighting elements are just four centimetres high

Tweak CLD LED

Tomorrow's design, today. → p.56



up to 100 lm/W



Think new. The Tweak CLD LED represents a new generation of free-standing luminaires designed by Regent in cooperation with architects schneider+schumacher. With its intuitive operating concept and user-friendly electronic interface, the Tweak CLD LED is flexible enough to meet all your needs. With its modern design, single-cast luminaire head, and smooth elegance, the Tweak CLD LED fits in anywhere. A mobile luminaire that can be integrated into any environment without intruding.

Discover light in motion.
www.vimeo.com/62146242



Till Schneider



Tim Ahlswede

Tweak CLD LED, Tweak CLD

Free-standing luminaire featuring future-oriented design.

WEBCODE: 015401, 015408



The first things that strike you about the Tweak CLD LED free-standing luminaire are its impressive form, design, and construction. But then you notice its true strengths: the intuitive operating element **Slyder®**, **SensoDim®**, multifunctional interface, communication technology **ALONEatWORK®**, and the most modern LED technology that all work together to answer the demands of the office world of tomorrow. Tweak CLD LED fits into any environment, gives light a form, and serves as an intuitively applicable tool that enriches and facilitates daily office work.

- separately dimmable direct/indirect lighting (sourced with LEDs)
- high light quality with micro-prismatic CLD optics
- easy integration into existing building management concepts using customer-specific gateways
- compatible with ALONE at WORK (depending on version applied)



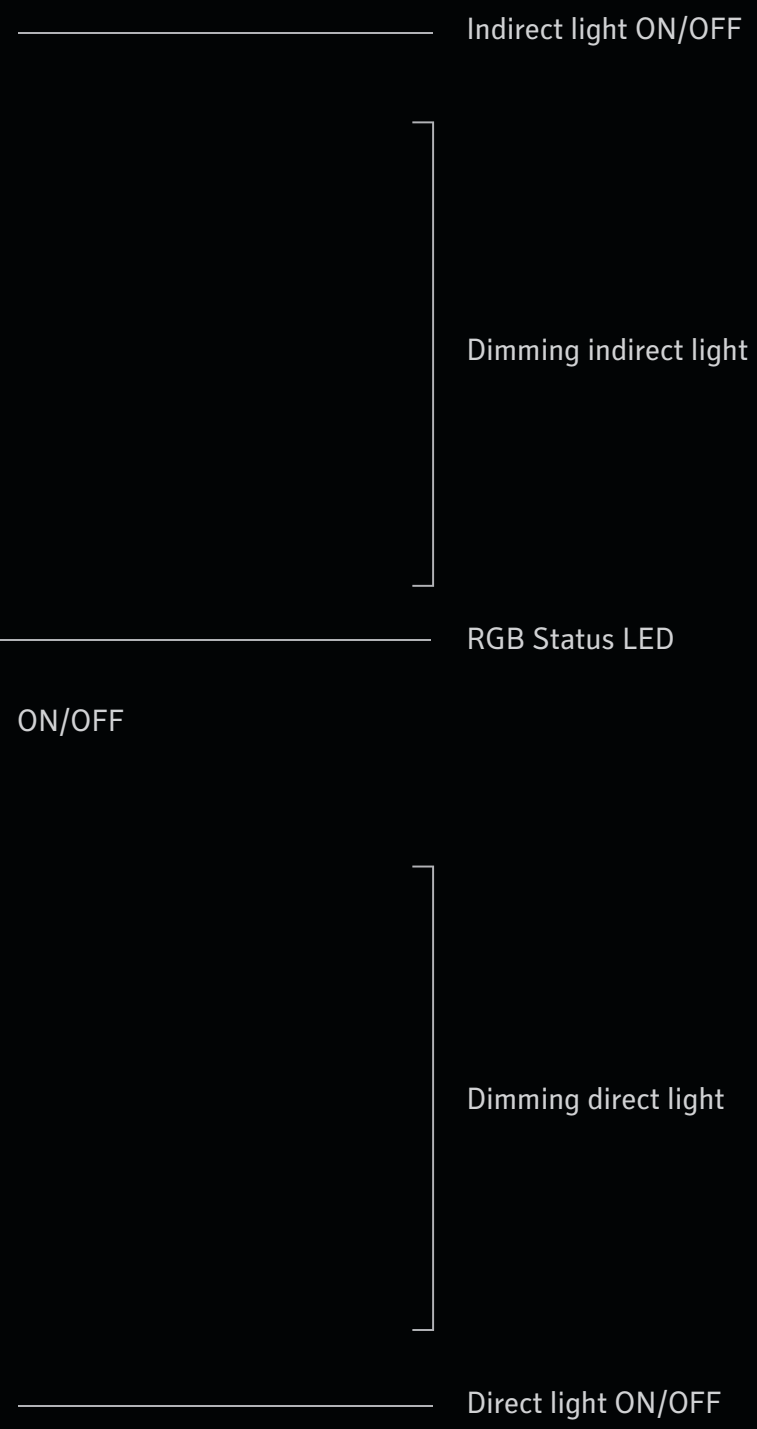
luminaire head made of one single piece



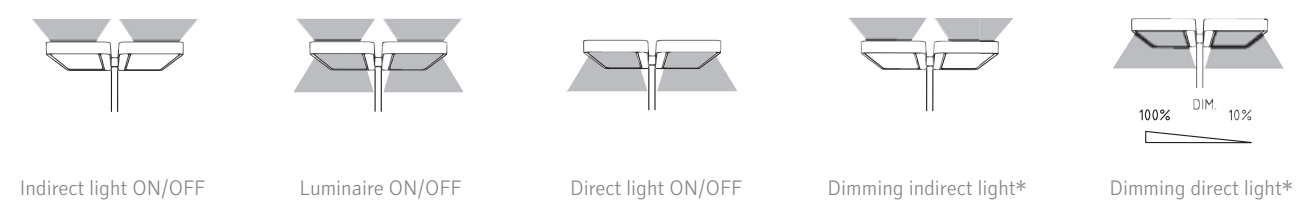
intuitive operating element **Slyder®**



Electronic bus interface

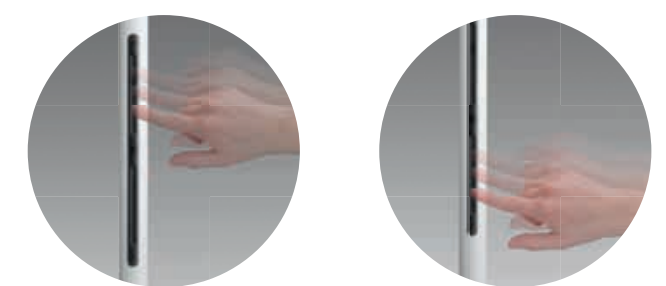


Functional survey of the Slider operating element (depending on construction)



Intuitive operating element Slider® Light by degrees.

The Tweak CLD LED is based on a completely new lighting concept with various possibilities that exceed the capabilities of normal lighting controls. It is no wonder that a new type of operating element had to be created. With the innovative Slider®, Regent developed an intuitive operating element to meet these new challenges. Now it is possible for the user to adjust the free-standing luminaire to meet his or her individual needs, to explore the full range of the luminaire's capabilities and to control both direct and indirect light flexibly.



Intuitive dimming on the standpipe: indirect light

Intuitive dimming on the standpipe: direct light

* depending on construction

ALONE at WORK®

The intelligent communication technology integrated in your free-standing luminaire. → p.66

Simulation: Open space with light islands



Simulation: Light cloud by ALONE at WORK



Self-configured and wireless networking: adjustment without programming



The challenge.

In dark spaces, light is not the only thing that disappears.
So does performance.

When darkness falls, occupied workstations in a large office space transform into disconnected light islands. The transition from bright to dark is abrupt and gives the feeling of being isolated. Concentration lapses, irritation, and inefficiency result. The efficiency-enhancing communication technology ALONE at WORK® is the answer.

The solution.

Intelligent illumination, concentrated work.
With ALONE at WORK®.

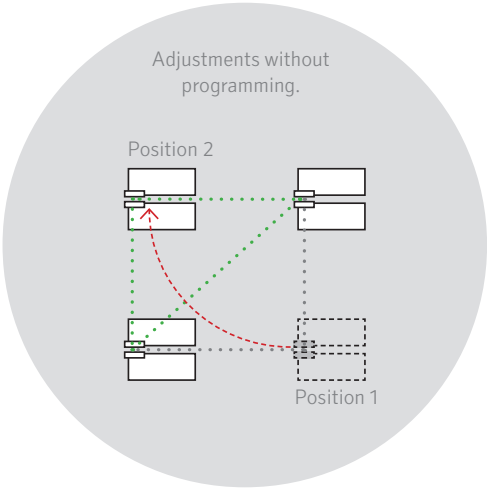
ALONE at WORK® connects all luminaires in an open space via non-hazardous opto-electronic communication. The selfregulating ALONE at WORK technology transforms the hard lines of light islands into ergonomic light clouds around each occupied workstation – all by itself, with optimum energy consumption, and without any effort on your part.

Adjustment without programming.

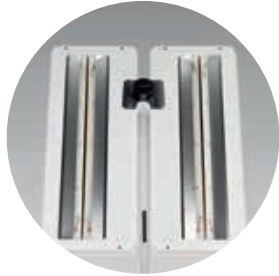
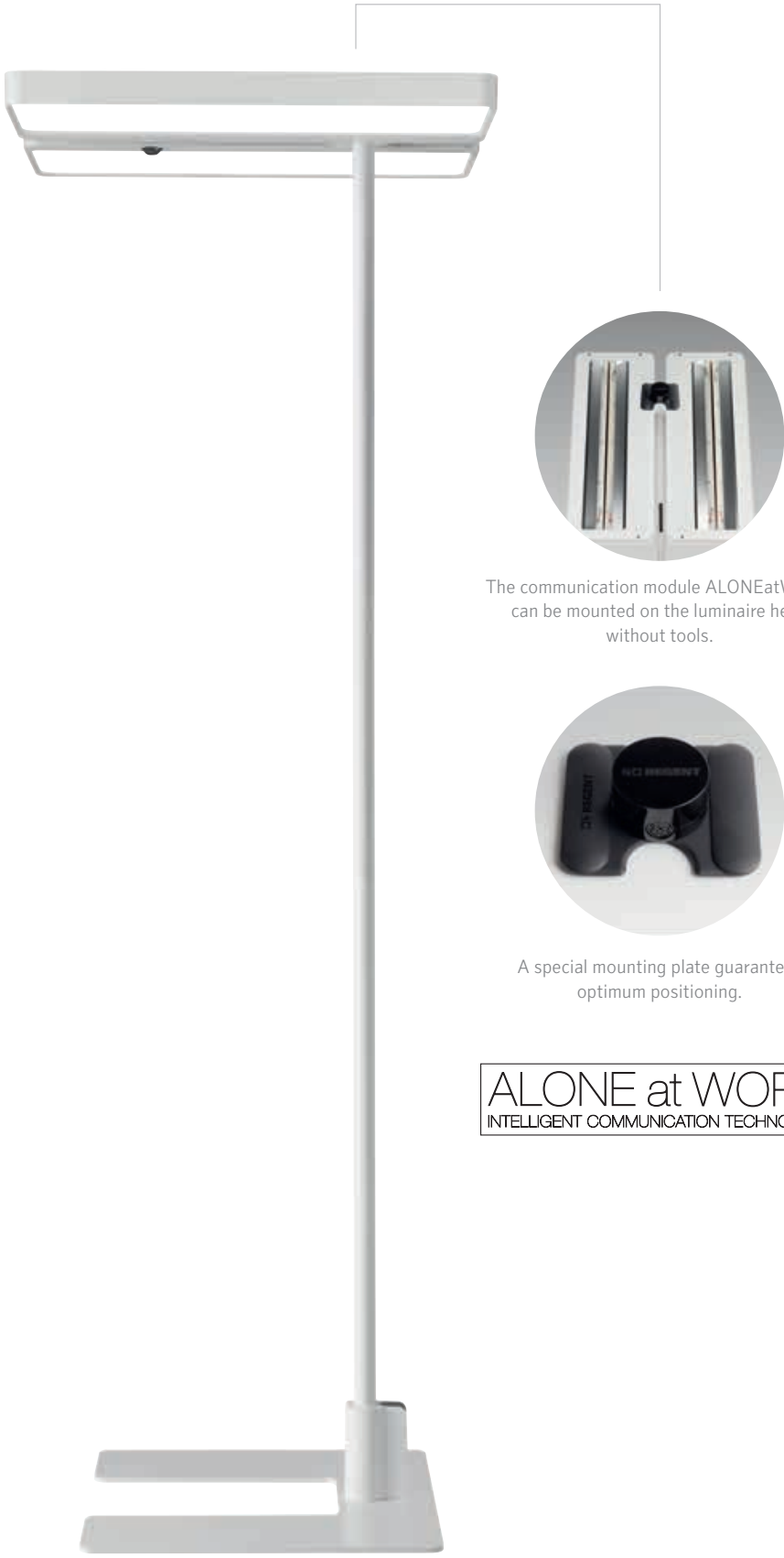
ALONE at WORK is prepared to handle individual workstation design and spatial adjustments to changes. The luminaires adapt to new situations without any programming.

The intelligent communication technology integrated in your free-standing luminaire.

Its function is as simple as its appearance: No switch, adjustment wheels, or screws – just put it in place. Optimum design for use with mobile luminaires – ALONE at WORK® takes care of everything for you. (optional for Tweak CLD LED/Tweak CLD with SensoDim®)



- Positioning, position adjustment and replacement without programming: self-configuring
- Maximum room ambience with minimum energy consumption
- Continuously fading light cloud for ergonomic office illumination
- Wireless communication between mobile luminaires
- Networking with non-hazardous opto-electronic communication
- Autonomous intelligence without installation



The communication module ALONEatWORK can be mounted on the luminaire head without tools.



A special mounting plate guarantees optimum positioning.

ALONE at WORK®
INTELLIGENT COMMUNICATION TECHNOLOGY



OFFICE

Echo LED

A highly versatile downlight. → p.32

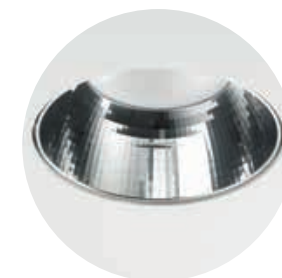
🔗 WEBCODE: 015542



The Downlight Echo LED is a true highlight in the office, in circulation zones and in large spaces with ceiling heights of up to ten metres. Equipped with an unobtrusive mounting ring, Echo LED harmonises well with any architectural concept. The specially developed mixing chamber and opal cover guarantee high-quality light, even when users of the space have a direct view into the light source. The downlight can be mounted quickly and without tools thanks to a practical bayonet lock. The translucent cover on the reflector provides protection against soiling during the construction phase. The Echo LED thus also lends itself as a provisional construction site lighting solution. The downlight is available in three different sizes to meet the requirements for a huge range of applications.

- available in three sizes: 137/210/260 mm
- high efficiency through passive cooling from up to 88 lm/W
- reflectors with an anodised aluminium or white finish
- trimless design
- effective illumination from ceiling heights of up to 10 m

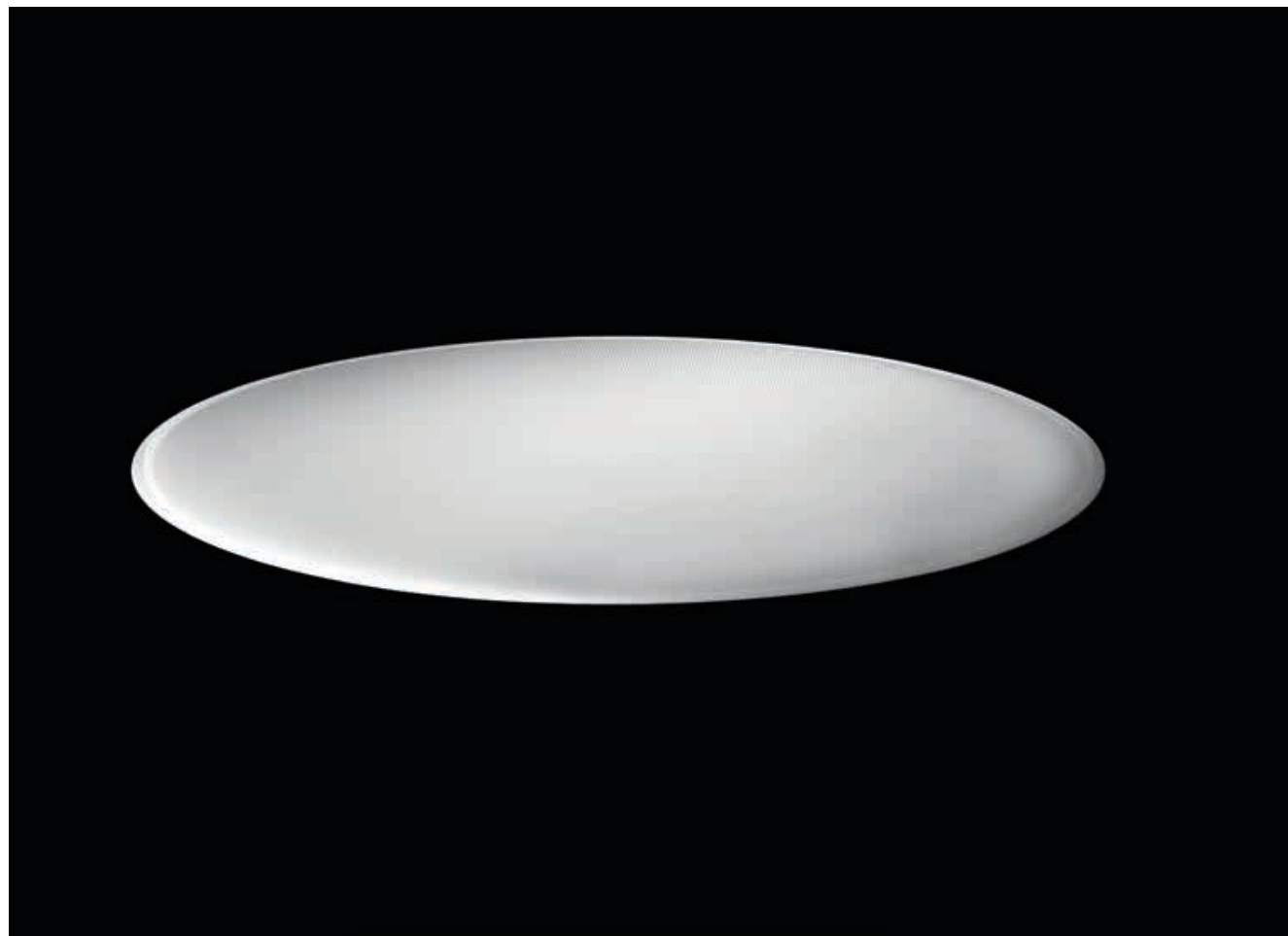
▶ Discover light in motion.
www.vimeo.com/62063581



Solo LED

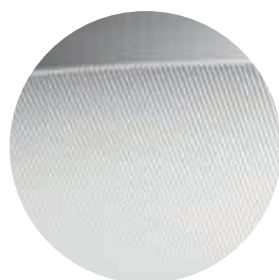
Adjusts to suit every situation. → p.40

WEBCODE: 015425



Solo LED luminaires deliver extremely uniform light quality. The range now offers even more design scope. Surface-mounted and recessed versions have been added to the Solo LED range. The new fixtures are available with diameters of 430, 530, 680 and 980 mm. Surface-mounted designs are available in a cylindrical design. All screws are concealed from view and the high-efficiency LEDs (up to 114lm/W) can be replaced on-site, when necessary.

- all recessed and surface-mounted Solo luminaires now come sourced with LEDs
- perfectly uniform illumination across the diffuser
- opal diffuser for general illumination, or microprismatic C-LED optics for office environments: UGR<19
- energy savings of up to 70%
- LED-modules easily replaceable on-site



C-LED

Channel LED, Channel Office C-LED

Light strips using the newest technology. → p.6/14

WEBCODE: 015233, 015310

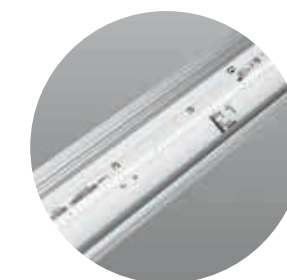


Channel LED knows almost no limits. This profile luminaire can be extended vertically or horizontally as required and can be fully or semi-recessed. Ideal for seamless light guiding or linear effects. Even office illumination pursuant to EN 12464-1 can be realised using these profile luminaires. The combination of LEDs and C-LED light control elements make it possible. Thanks to its excellent photometric values and clear-cut design, the Channel LED (ceiling-recessed or ceiling-mounted luminaires, channel lighting systems, and pendant luminaires) can provide answers to the wide-ranging demands of the modern office environment.

- perfect lines of light without shadows
- satinised APD (Added Performance Diffuser) diffuser; luminous efficacy of up to 80 lm/W (Channel LED)
- LED light-deflecting element C-LED, UGR<19, $L_{max} > 65^\circ$, $< 3000\text{cd/m}^2$, complies with the latest office lighting standards; luminous efficacy of up to 70 lm/W (Channel Office C-LED)
- improves energy efficiency by up to 40% compared to T5



C-LED: suitable for application in office environments



continuous light strip

Channel 1.5

The anti-glare strip of light. → p.60

WEBCODE: 014546



The Channel 1.5 provides an additional variation in the width of a profile luminaire. This means the luminaire can deliver higher amounts of light without glare. But the enhanced width of the Channel 1.5 is not its only impressive feature. Its support profile, made of colourless anodised aluminium, boasts a forward-thinking, timeless design. As a ceiling-mounted luminaire and a continuous row system, the Channel 1.5 provides a flexible basis for an individual range of applications and its unusual dimensions set new standards in ceiling composition.

- direct lighting
- support profile made of anodised aluminium, colourless
- satinised or opal diffuser
- twin-lamp luminaire



Specular louvre



Opal diffuser

Living CLD

For more individuality in the office. → p.28

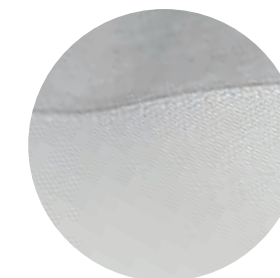


Living CLD comes in a contemporary design: the organic transition from luminaire head to the ceiling and the ability to mount the fixture in any direction make for enhanced design flexibility. The high-quality microprismatic CLD (Controlled Luminance Diffuser) guarantees visible, glare-free light. The luminaire head comes with either an aluminium-look or a black or white textile trim. Living CLD is also available as a free-standing luminaire in a round or oval design, or as a wall-mounted luminaire.

- office luminaire with a touch of homely charm
- direct ceiling-mounted luminaire for soft, uniform ceiling illumination
- direct/indirect free-standing and wall-mounted versions available



with ceiling rosette



CLD diffuser for optimised anti-glare effect

Item C-LED

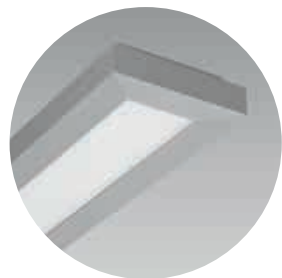
Subtlety with a lasting impression. → p.52

WEBCODE: 015396

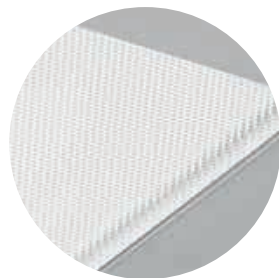


An unusual pendant or surface-mounted luminaire featuring elegant design, uncompromising efficiency and high-quality lighting technology: three qualities combined to an optimum in Item C-LED luminaire. With its streamlined aesthetic, this simple but effective fixture responds perfectly to the formal language of modern office spaces and training facilities. It delivers direct and indirect light, creating an harmonious mix of ambient and task lighting. With an efficiency factor of over 100%, you are ensured maximum utilisation of resources.

- LED pendant luminaire made of aluminium, anodised or painted white
- elegant simplicity
- excellent lighting technology with a light output of up to 95 lm/W and UGR <13



Mounted luminaire



Slash 2 LED

Uninterrupted lines of light. → p.38/46



The Slash 2 profile light features an elegant aluminium profile, guarantees uninterrupted lines of light, and is extremely energy-efficient. To round off the range, Slash 2 is not only available with LED technology, but can also be equipped with specular louvres and sourced with T5 and T5 Seamless for application in offices. The product line includes ceiling-recessed and pendant luminaires, ceiling/wall-mounted luminaires, and light channel systems.

- uninterrupted end-to-end lines of light
- LED modules of up to 72 lm/W
- the combination of LED and opalised diffusers with APD technology can cut power consumption by up to 40%



uninterrupted end-to-end lines of light

Act LED

Reinventing light. → S.48

WEBCODE: 015024

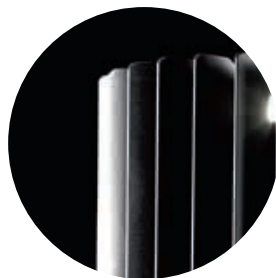


Not "Form follows function" but "Form with function". The LED module in the Act LED pendant luminaire is set back slightly, emitting light both upwards and downwards as well as sideways through a ring of vertical cooling fins. The cooling fins serve as reflectors and lend the luminaire a unique aesthetic.

- designed by Herzog & de Meuron Architects
- refined lighting effect thanks to the innovative turbine profile



light source set back slightly



cooling fins

Channel Up-Down

Uninterrupted lines of light for uplighting and downlighting. → S.60

WEBCODE: 012678



Channel Up-Down provides unobtrusive ambient light control while remaining visually discreet. The pendant luminaire fulfils the expectations of a linear system capable of illuminating an entire space. Channel Up-Down, a further development of Channel, delivers direct and indirect light into the space, accentuating upper or lower room surfaces, as required – with the luminaire discreetly becoming one with the light it emits. Suitable as a design element in its own right, this product can also serve as a means of wayfinding in high-ceilinged spaces.

- direct/indirect pendant luminaire
- APD (Added Performance Diffuser), satinised
- CLD light deflecting element UGR <19, Lmax > 65°, < 3000cd/m² suitable for offices
- high efficiency with specular louvers for T5, efficiency factor of 94 %



C-LED: suitable for office use



specular louvers for T5

Flow LED

All-round glare-free lighting. → p.10

WEBCODE: 015947



Flow LED is a ceiling and wall-mounted luminaire that not only defines the space through the light it delivers, but also through its form and the materials it is made of. The high-quality plastic diffuser guarantees effective, uniform light distribution to three sides. Whether applied as a pendant luminaire or for ceiling or wall mounting, with its clear, minimalist formal language Flow LED lends itself perfectly to any architectural concept.

- optimum architectural integration: SLA (Spread Light Applicator) ensures uniform light distribution across the diffuser
- light output ratio of up to 102 lm/W makes for high energy efficiency
- specific "xHE" luminous flux for circulation areas and corridors
- cost savings thanks to master/slave wiring of 2.4 metre-long batten



uniform light distribution



Meteo

Almost like daylight. → S.34/68

WEBCODE: 013029



The Meteo pendant luminaire has just one role model – daylight. The concept is to combine innovative technology with extraordinary materials. However, the luminaire should not simply fade into the background but rather be a statement in itself. Its avant-garde design is a real eye-catcher. Meteo creates lighting conditions similar to daylight using a batten luminaire design and textile diffusers, ensuring that the spaces are still pleasantly illuminated even when its great role model has retired for the day.

- 1.6 × 1.6m pendant luminaire (UGR <19) for 4, 6, or 8 T5 fluorescent lamps
- pre-assembled, fold-out core element, powder-coated in white
- textile diffuser with maximum translucence, washable, colourfast, mosquito-resistant, efficiency factor = 88%



NoLimit

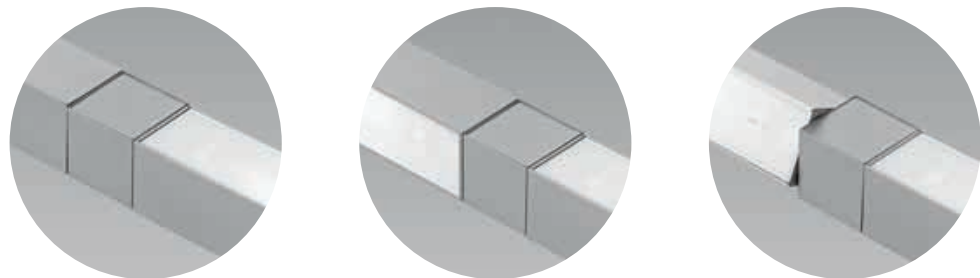
The product delivers what the name promises. → p.67

WEBCODE: 004129



NoLimit crosses all the boundaries when it comes to fusing a luminaire with the light it delivers. Minimalist, reduced in its design, efficient. Two cubic hanging points, a profile with an integrated light source and control gear: this is basically what NoLimit comprises. It could not be much less. NoLimit stands for small dimensions, a wide range of potential configurations, boundless flexibility, unique combinations of direct, indirect and asymmetrical light distribution.

- minimalist, reduced in its design, efficient
- luminaire element can be rotated along the longest axis
- profile with built-in light source and control gear
- unique combinations of direct, indirect and asymmetrical light distribution



Lighting element can be turned

Tea

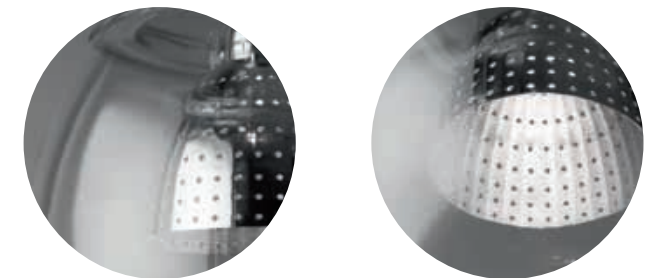
A droplet writes lighting history. → p.54

WEBCODE: 015038



The Tea pendant luminaire, developed with the renowned architecture firm Herzog & de Meuron, incorporates the perfect symbiosis of aesthetics and technology. This luminaire is especially effective when applied in spaces with high ceilings. Equipped today with a metal halide lamp, Tea will soon be available sourced with state-of-the-art LED technology, which will also emit light upwards via an optical fibre. The power cable will thus become an integral part of the formal design.

- designed by Herzog & de Meuron Architects
- soon available with LEDs
- power supply serves as a design element (LED version)



Torino

Pleasant light for any space. → p.58

WEBCODE: 004124

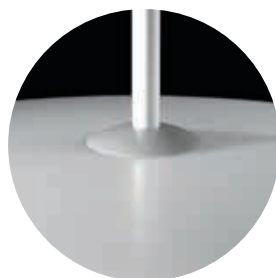


The Torino pendant luminaire is timeless – it has no end and no beginning. The circle creates a sense of visual balance. Torino fits perfectly into any spatial concept and lends spaces a unique stylistic quality without being overly dominant. The upper side of the luminaire is closed to prevent the ingress of dust and to maintain the clear and simple beauty of the fixture as a luminous object.

- ball joint pendant (10°) compensates for sloped ceilings
- aluminium pendant tube and canopy, tube can be shortened on site
- invisible screw cover (IP40) encloses the luminaire housing



adjustment for sloped ceilings



invisible screw cover

Tool 5

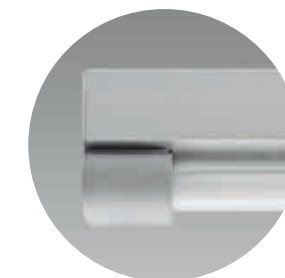
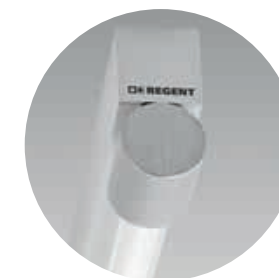
Functional design. → p.18

WEBCODE: 012923



With Tool 5, function is of primary importance. While the design remains discreet, its very reduction makes a strong statement. The space acquires structure and meaning through the lighting. As a continuous row system, Tool 5 delivers direct/indirect or asymmetrical light distribution. Micro specular louvres and special reflectors provide "light on demand". More light, no glare.

- individual batten luminaire and system batten luminaire (aluminium) for linear lighting systems for mounting on ceilings, walls, or for pendant mounting
- slimline, elegant lighting concept



Poco Spot LED

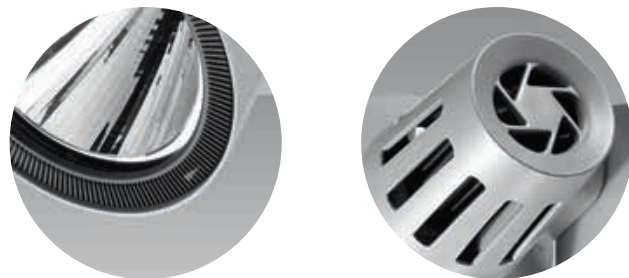
Display your products to their best advantage. → S.74

🔗 WEBCODE: 015290



With the Poco Spot LED, you can harness the attractive power of light to gain customers. Available in the colour temperatures 3000K and 4000K, their compact construction ensures protection over a long period of time. The built-in, optimised thermal management system ensures safe operation of the LEDs with the highest possible efficiency.

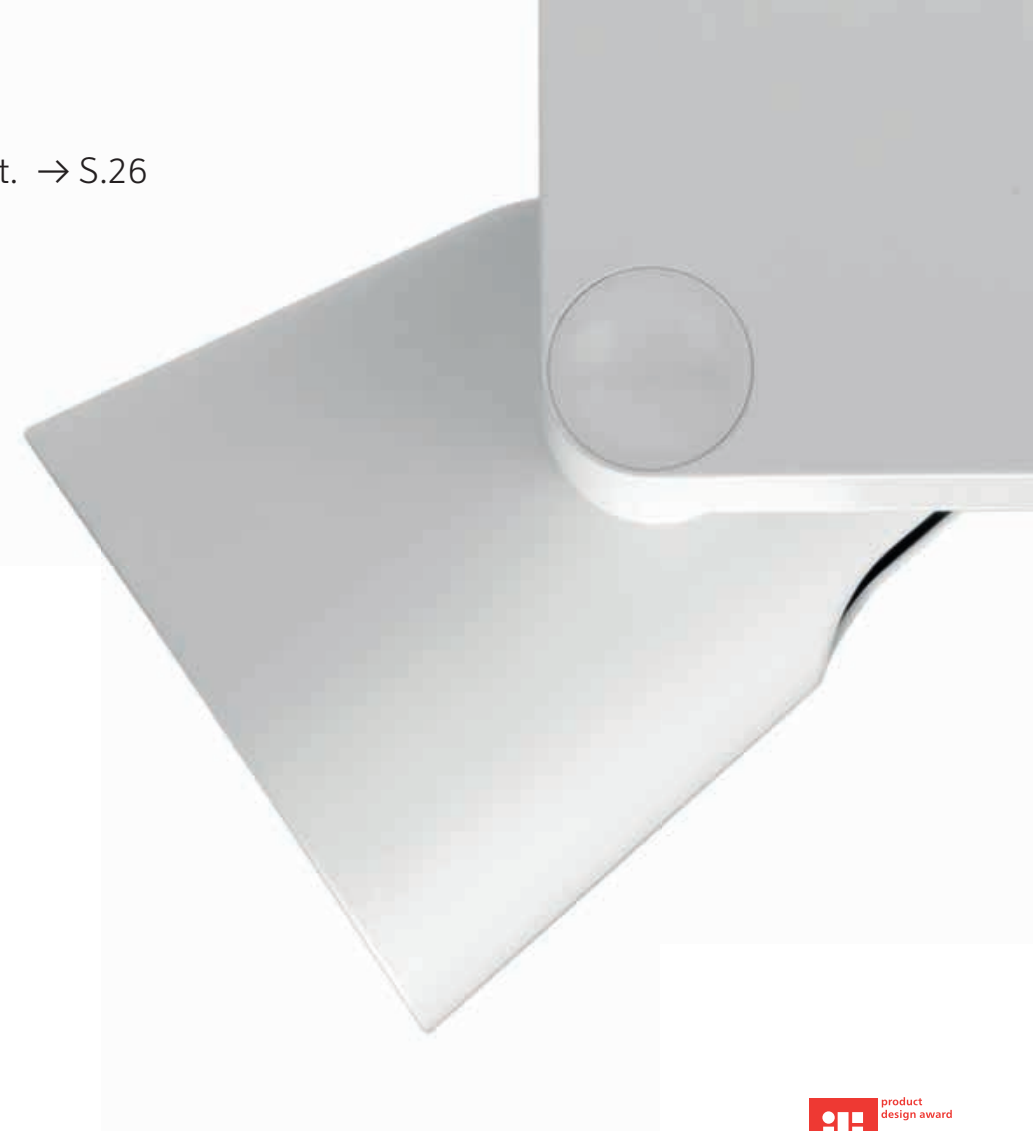
- optimised thermal management for a long lifecycle
- interchangeable reflectors: Spot 20°, Medium 30°, Flood 40°



Matrix LED

A highlight inside and out. → S.26

🔗 WEBCODE: 015399



The promise of its clear design is surpassed by its interior and its performance. The Matrix LED spotlight stands out thanks to its uncluttered geometric forms, defined glare-free light and optimal illumination of goods. Additional advantages are the nearly unlimited alignment options. You will never run out of first-class arguments with the new Matrix LED spotlight, developed and produced by Regent.

- interchangeable reflectors: Spot 20°, Medium 30°, Flood 40°
- glare-free light thanks to high-precision reflectors
- adjustable: 45° horizontally, 45° vertically to the rear
- available with PAL+ technology (p.34)

▶ Discover light in motion.
www.vimeo.com/62097597



High-gloss reflector with ball faceting

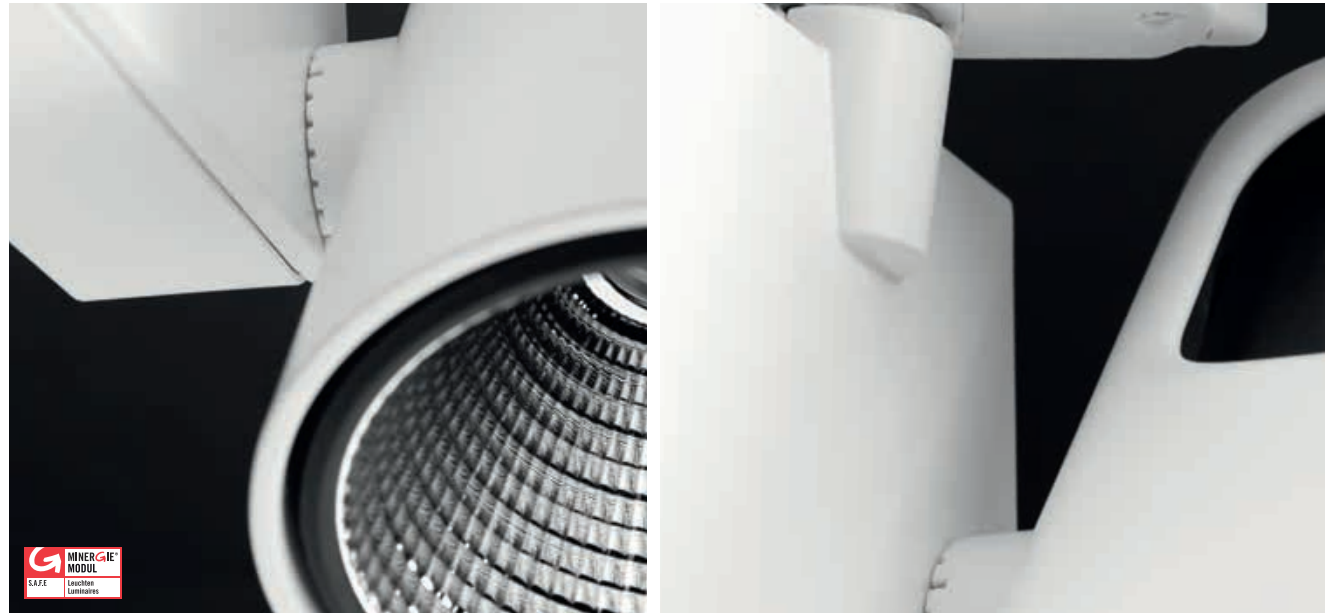


Passive cooling in Matrix LED and Matrix PAL+

Matrix PAL+

Light is your USP. → p.26

➔ WEBCODE: 015778



Whether in a shop, museum or exhibition – light has a considerable influence on what your customers decide to buy. But the Matrix LED spotlight not only guarantees first-class lighting for the presentation of your display; its pared-down design also fits in harmoniously with your presentation concept. All this with outstanding efficiency values thanks to low maintenance costs.

Apart from true-white and saturated colours, the professional light-related presentation of goods requires a high colour rendition index. Matrix with PAL+ technology does justice to both of these requirements and allows you to select colour temperature and location individually and depending on the situation. Quite simply at the press of a button or remotely via a central DMX control.



PAL

(Information in Kelvin)

2500 2700 3000 3500 4000 4500 5000 5700 6500

Food

Meat Cheese Bread Fish

Colour

Light green Blue Red Magenta

Dimmable from 10 – 100%

Choose your light.

1 luminaire: 3 settings, 17 colour tones, PAL+

Use the full potential of LED with Matrix and PAL+ technology. PAL+ (Perception Adaptive LED light source), with a colour spectrum similar to that of daylight, guarantees complete colour recognition. The true-white LEDs combine optimal lighting for the highest demands with UV- and heat-free light emission. As a result, Matrix LED is ideal when colours, temperatures and light-fastness play a key role. These could be demanding applications like museums, lighting fresh food or colour-intensive non-food products.

- true-to-nature colour rendition
- true-white LED light
- CRI up to 94 (irrespective of dimming value) from 2500K – 6500K
- colour rendition and colour temperature in dimming range constant from 10 – 100%



Offices

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