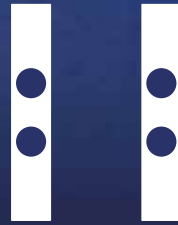


kreonicle



#worldofkreon

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Welcome to **kreonicle 3** - Unveiling the essence of architecture. In the dynamic world of architecture, where form meets function and innovation sparks creativity, we present the latest edition of kreon's magazine - **kreonicle 3**. This edition takes you on a captivating journey through the fundamental elements of architecture that shape the spaces we inhabit. We highlight various connections that our lighting and ceiling systems have with architecture. **The elements of architecture**

#worldofkreon

The elements of architecture

As we embark on this exploration, we've established six focus points that encapsulate the essence of architectural brilliance. These focus points will appear throughout the kreon's communication in 2024 and be linked to a selection of our products and the main focus of "elements of architecture".

Optics & Architecture

Unravel the visual poetry woven into every design, where light becomes an integral part of architectural storytelling.

Size & Architecture

Delve into the significance of size in architectural aesthetics, discovering the impact it has on spatial experiences.

Material & Architecture

Witness the marriage of form and substance, where materials play a pivotal role in shaping architectural identities.

Function & Architecture

Uncover the seamless integration of form and function, where design meets purpose to create spaces of unparalleled utility.

Sustainability & Architecture

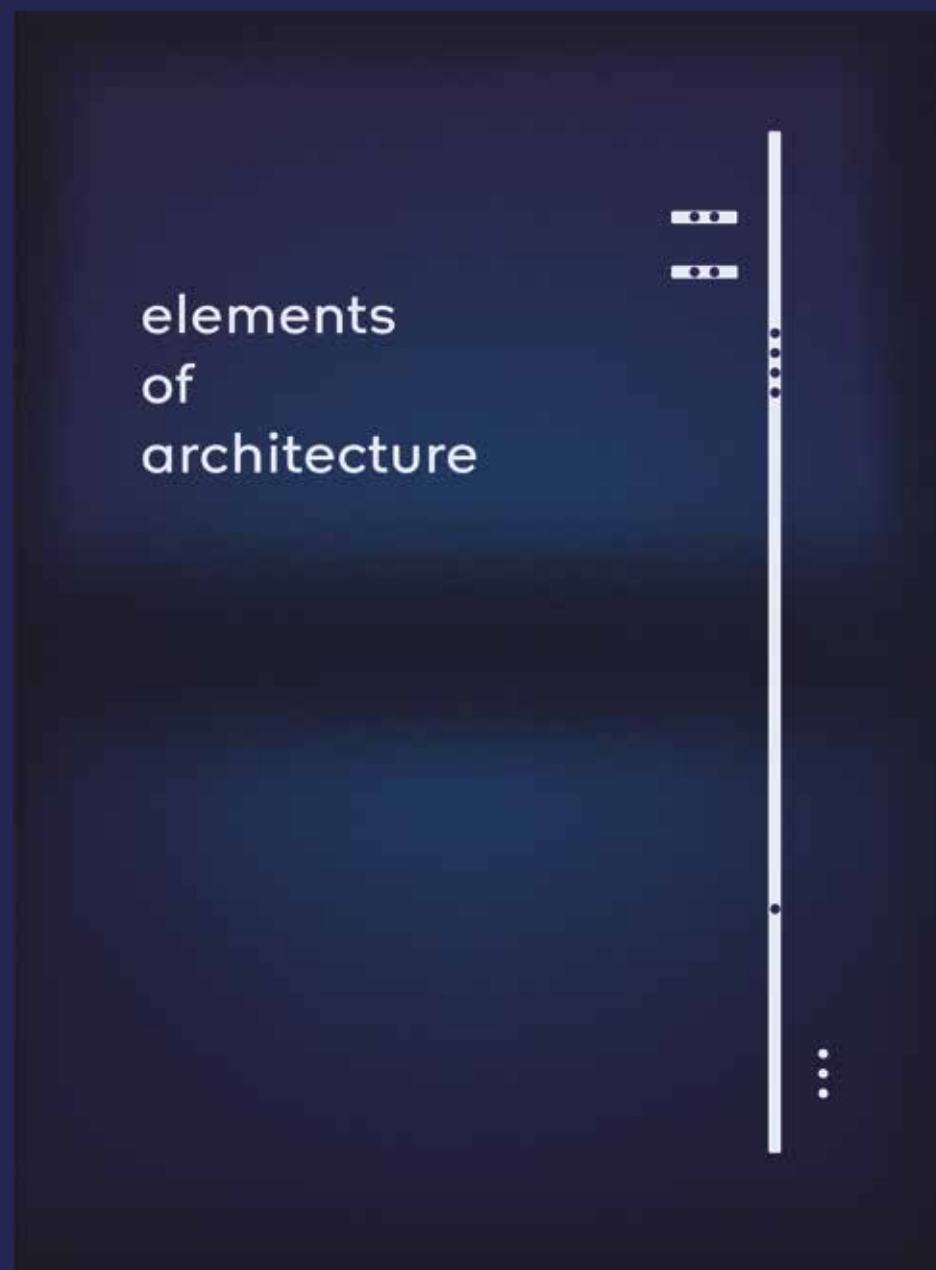
Embrace the responsibility of sustainable design, exploring how architecture can be a beacon of environmental consciousness.

Outdoor - Inside/Out

Blur the boundaries between indoor and outdoor spaces, redefining the relationship between architecture and nature.

Optics & Humans

Focus on the human experience within architectural spaces, recognizing the profound impact of light and design on our well-being.

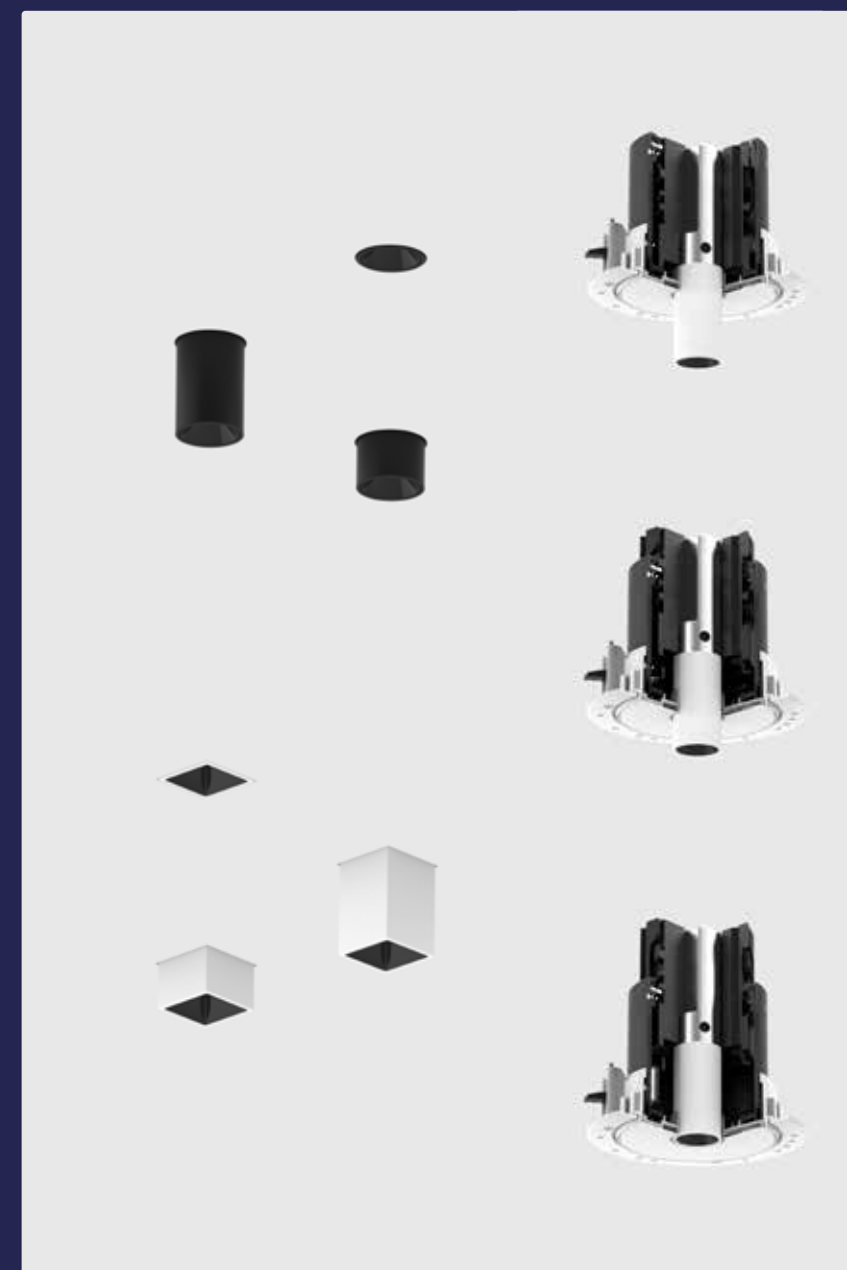


The foundation of architecture and lighting

A brand new kreon tools of light collection – a revolutionary trio inspired by the fundamental elements of architecture: the dot, the stripe, and the line.

Each member of this new product family embodies simplicity, versatility and precision, providing architects and designers with powerful tools to shape their environments.

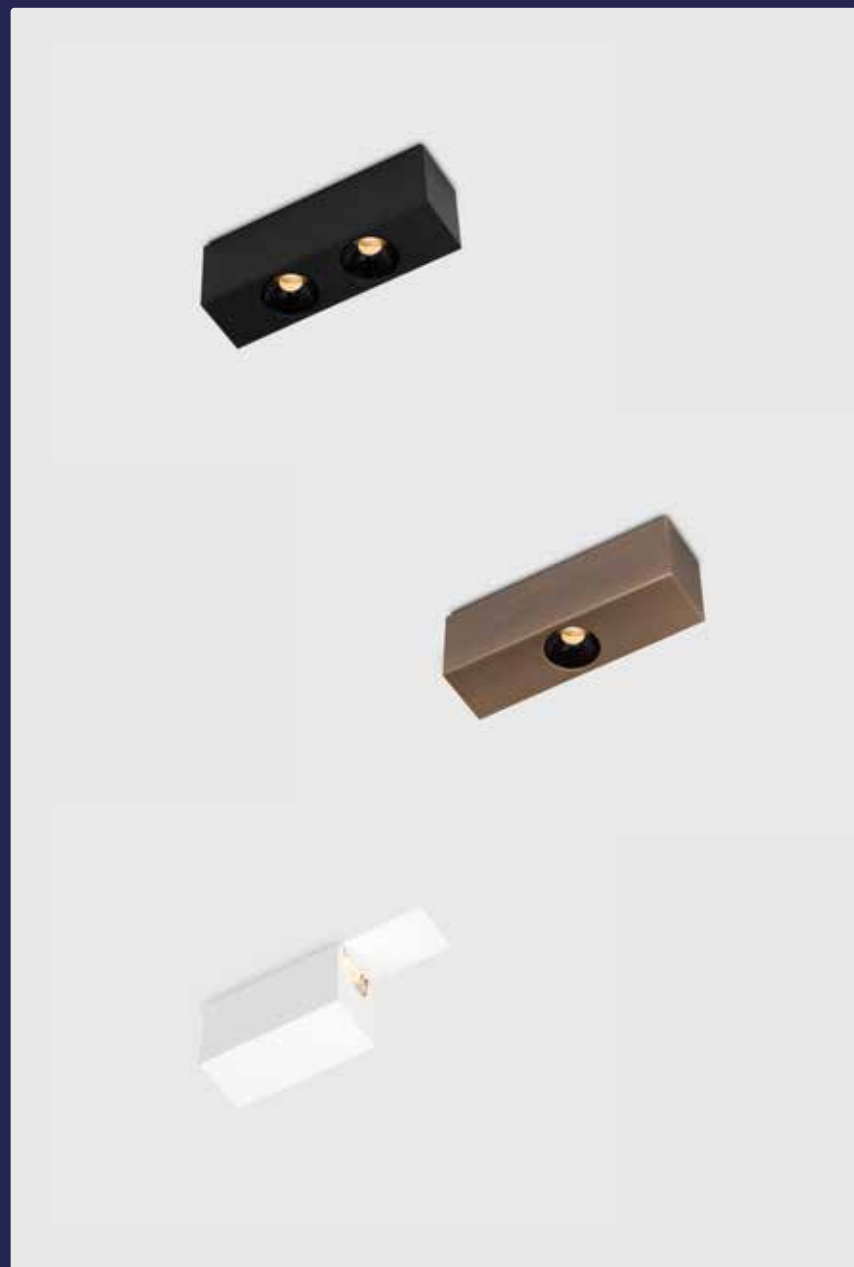
novelty



First in the lineup is kreon "dot", which is launched under the name kreon aplis 20 (circular downlight) or kreon down 20 (square downlight) a minimalist recessed downlight with a mere 20mm diameter, making it the smallest addition to our extensive downlight ranges.

Available in both square and circular forms, kreon downlight 20 sets a new standard for elegance, seamlessly integrating into any architectural setting. Its unobtrusive design allows for discreet illumination, emphasizing the importance of the smallest details in creating impactful spaces.

novelty



Next, we introduce kreon stripe, a versatile semi-recessed ceiling and wall luminaire that epitomizes adaptability. With a compact form, kreon stripe hosts either a single or double deep-set downlight or a single wall washer, allowing for a variety of lighting effects.

The kreon dot - stripe - line collection combines rhythmic pools of accent lighting with homogeneous wall washing effects, achieving a perfect balance between aesthetics and performance. The high-efficiency optics ensure glare-free light and even distribution, while the dramatic black finish adds a touch of sophistication or choose pure white for seamless integration into the surrounding architecture.

novelty



Completing the dot-stripe-line trio is kreon noite, a groundbreaking linear profile system that redefines the concept of architectural lighting. Comprising "dots" of lights, kreon noite can be recessed or surface-mounted, offering unparalleled flexibility.

Tailor-made to your specifications, you have the freedom to choose the position of the light points within the profile, providing a customized solution for each unique space. kreon noite represents a fusion of innovative design and personalized functionality, setting a new standard for architectural lighting systems.

novelty

OPTICS & ARCHITECTURE

Illuminating architecture

In the world of architecture, the interplay between light and space is a dance that defines the ambiance and character of a place. Just as sunlight shifts throughout the day, casting varied impressions, the use of different optics in lighting appliances can wield a profound influence on architectural design. This article delves into the significance of optics in lighting, exploring how the right optics can shape atmospheres, evoke emotions, and elevate the visual narrative of architectural spaces.

Understanding the basics: What are optics in lighting?

Optics in lighting refer to the various elements and mechanisms within luminaires that control the direction, distribution, and quality of light. It's a nuanced aspect of lighting design that goes beyond mere illumination; it's about sculpting spaces and defining the mood.

Creating atmospheres: the sunlight analogy

Just as natural sunlight transforms a space throughout the day, different optics in lighting fixtures offer a similar versatility. Consider the sun's rays during sunrise – soft, diffused and warm. Now contrast that with the harsh, direct light of midday. Optics play a parallel role in artificial lighting, allowing architects to curate specific atmospheres at different times.

Impressions matter: the impact of optics on architecture

- 1. Soft and diffuse lighting:** Utilizing diffusing optics can mimic the gentle, even glow of early morning or late afternoon sunlight. This soft illumination is ideal for creating a welcoming and comfortable environment, perfect for residential spaces or areas meant for relaxation.
- 2. Sharp and focused lighting:** Optics that concentrate light into a narrow beam can emulate the intensity of midday sunlight. This focused illumination is effective for accentuating specific architectural features, highlighting artwork, or creating a dynamic and energetic atmosphere in commercial spaces.
- 3. Directional lighting:** optics that allow precise control over the direction of light can be likened to the changing angles of sunlight throughout the day. This can be strategically employed to emphasize textures, direct attention, or evoke a sense of movement in a space.

Optics and architectural harmony

The integration of different optics in lighting fixtures is not merely a technical consideration; it is a design choice that harmonizes with the architectural vision. By aligning the right optics with the intended atmosphere and purpose of a space, architects can elevate their designs from the functional to the sublime.

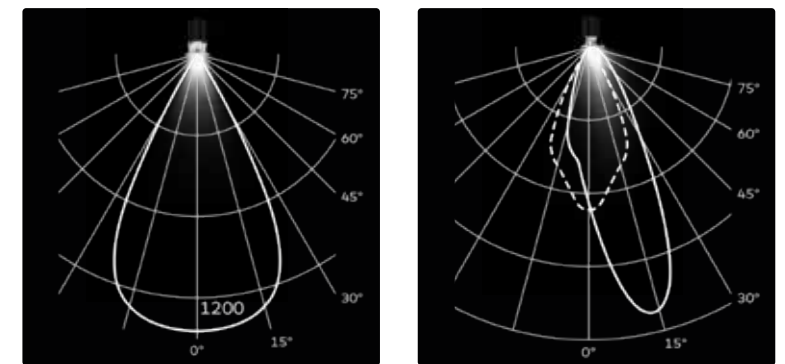
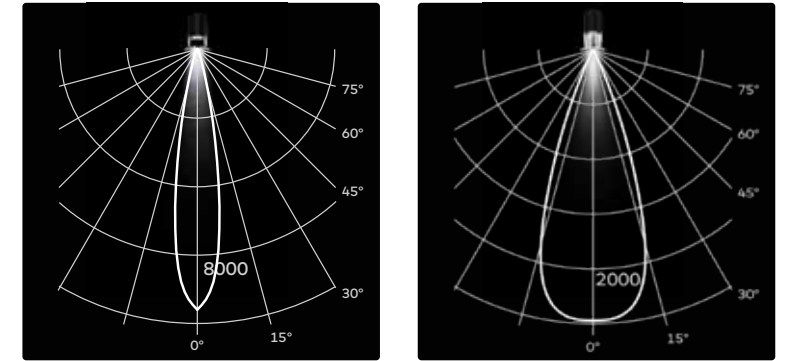
The synergy of light and architecture: a case for customization

The importance of customization cannot be overstated. Just as no two architectural designs are identical, the lighting requirements are unique for each space. Optics offer a realm of possibilities for customization, allowing architects to tailor the lighting to suit the specific needs and aesthetics of a project.

Conclusion: shaping spaces, crafting experiences

In the realm of architectural design, lighting is the brushstroke that adds depth, emotion and nuance to a canvas. The strategic use of different optics in lighting appliances empowers architects to go beyond illumination, creating immersive experiences and sculpting spaces that resonate with the desired atmosphere.

As architects continue to push the boundaries of creativity, the marriage of optics and architecture stands as a testament to the transformative power of light. By understanding the nuances of optics, architects can unlock new dimensions in design, ensuring that every space tells a unique and captivating story.

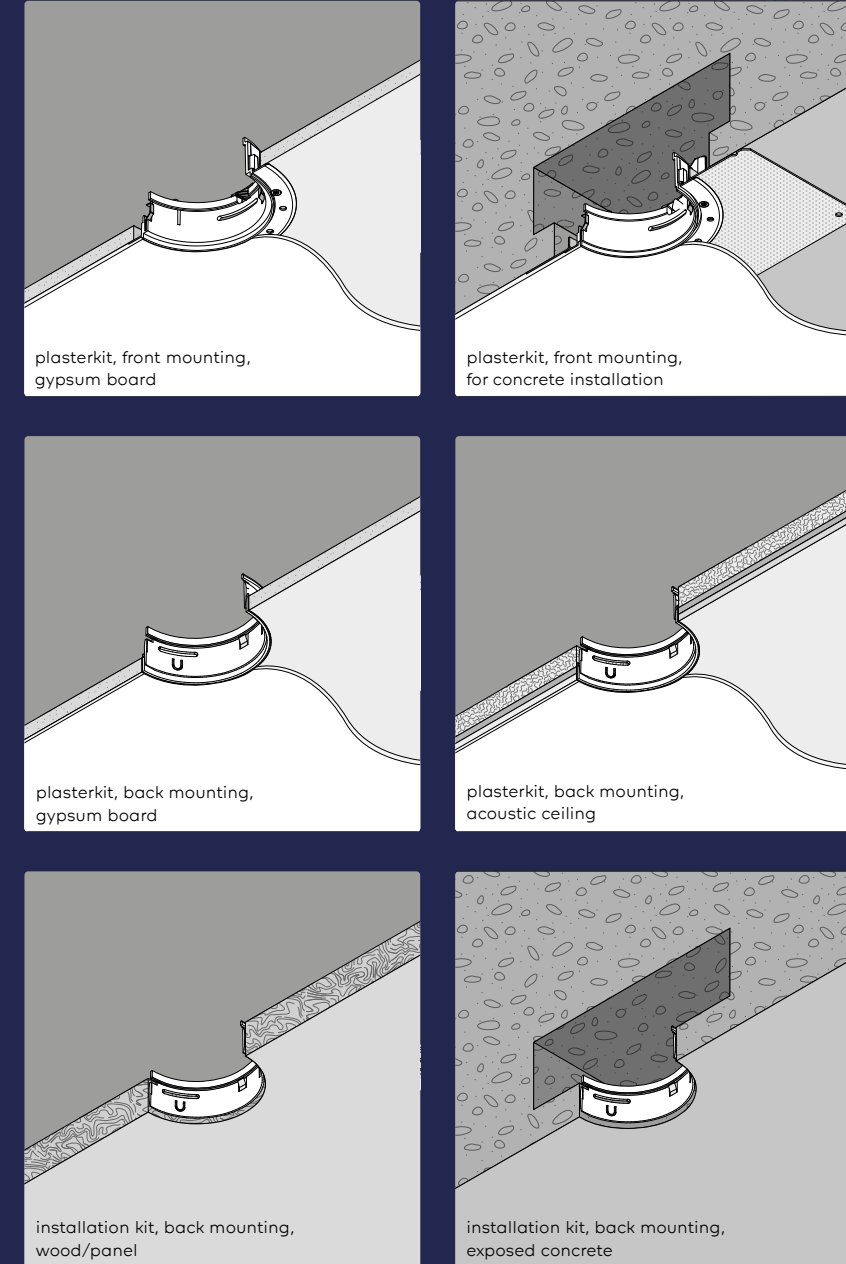




In the beginning of 2024 we launched our new back-mounted plasterkits.

The advantage of a back-mounted plasterkit for downlights in a ceiling is that it allows for easier installation and maintenance. By mounting the kit from behind the ceiling, it provides a clean and seamless look without any visible screws or mounting hardware on the surface. Additionally, back-mounted kits often offer more flexibility in terms of positioning and adjustment, ensuring precise placement of the downlights for optimal lighting performance.

novelty



This approach also simplifies retrofitting and makes it easier to replace or upgrade downlights in the future. Overall, the back-mounted installation kit provides a more aesthetically pleasing and functional solution for installing downlights in a ceiling.

In addition to our back-mounted plasterkits, we're also introducing installation kits designed for various substrates, including wood, concrete, acoustic ceiling, exposed concrete and plasterboard. This expanded range of installation options provides greater versatility, making it easier than ever to install our lighting fixtures in a wide range of environments.

novelty

FUNCTION & ARCHITECTURE

Downlights

Downlights offer a combination of functionality, efficiency, and aesthetic appeal, making them a popular choice for various lighting applications. Recessed downlights provide a sleek and unobtrusive look and come in various sizes, shapes and styles. kreon downlights are versatile for different lighting needs and design preferences. They can be used for general lighting, task lighting or accent lighting depending on the placement and type used. The series provide a clean and modern aesthetic to space and contribute to a contemporary look or seamlessly blend into the ceiling with other kreon fixtures for a minimalist appearance.

kreon aplis is characterized by its round shape while kreon down has a square shape. Both shapes come in a trim or trimless finish – the latter is called 'in-line'.

Throughout the downlight series there is the option for a fixed, directional (inclination 30°) and wallwash version.

Equipped with a variety of optical features, the series ensures that there is a solution for every application, from spot beam to wide beam always with care for lighting comfort, lighting quality and efficiency.



standard 80 module

- lens
- soft diffused beam contour
- glare snoot with optional accessories
- fixed colour temperature



high efficiency 80 module

- reflector
- distinct beam contour
- no glare control necessary
- high efficacy (lm/W)
- tunable white & dim-to-warm



SIZE 20



SIZE 40



SIZE 60



SIZE 80

type	recessed downlight	recessed downlight	recessed downlight	recessed downlight
features	fixed trimless adjustable to 3 heights: flush, partly dropped or fully dropped	directional, fixed or wallwasher with or without trim standard, dropped or deep recessed louvre	directional, fixed or wallwasher with or without trim standard or deep recessed louvre	directional, fixed or wallwasher with or without trim standard or deep recessed louvre
shapes	circular square	circular square	circular square	circular square
finishing	black white	black white brushed bronze brushed silver brushed gold gun black	black white brushed bronze brushed silver brushed gold gun black	black white brushed bronze brushed silver brushed gold gun black
optical	darklight optic	lens spot, flood, wide flood or wallwasher	standard: soft beam contour high efficiency: hard beam contour spot, flood, wide flood or wallwasher	standard: soft beam contour high efficiency: hard beam contour spot, flood, wide flood or wallwasher

Residential

Located in Barchon, Belgium, this stunning space was designed by Luc Spits Architecture and features our black vektron rytmi and uniform vektron clip-in tiles.

In the living room, our team installed two black vektron ceiling rafts, adding depth and energy to the space. Our low gloss vektron products perfectly complement the dark interior and create a striking contrast with the bright green elements in the room, including the sofa and moss panels on the wall.

For lighting, we used kreon aplis 120 downlights to create a sleek and modern look, while the tenno 1x5's provide the optic uniformity with the recessed-mounted kreon nuit profiles in the vektron ceiling.

The hallway is beautifully lit by kreon dolma 80's, which highlight both the floor and ceiling. Not only are they aesthetically pleasing, but they also serve a practical purpose by emphasizing the important areas.

PRIVATE RESIDENCE

Architect

Pierre-Marie Demonceau

Location

Barchon, Belgium

Products

vektron rytmi, vektron clip-in ceiling raft
vektron tenno, vektron aplis in-line 80,
kreon nuit, kreon dolma 80



In the living room, our team installed two black vektron ceiling rafts, adding depth and energy to the space.



← kreon dolma 80

↑ vektron ceiling raft with kreon nuit and kreon aplis in-line 80

SIZE & ARCHITECTURE

Small yet mighty: kreon holon 20

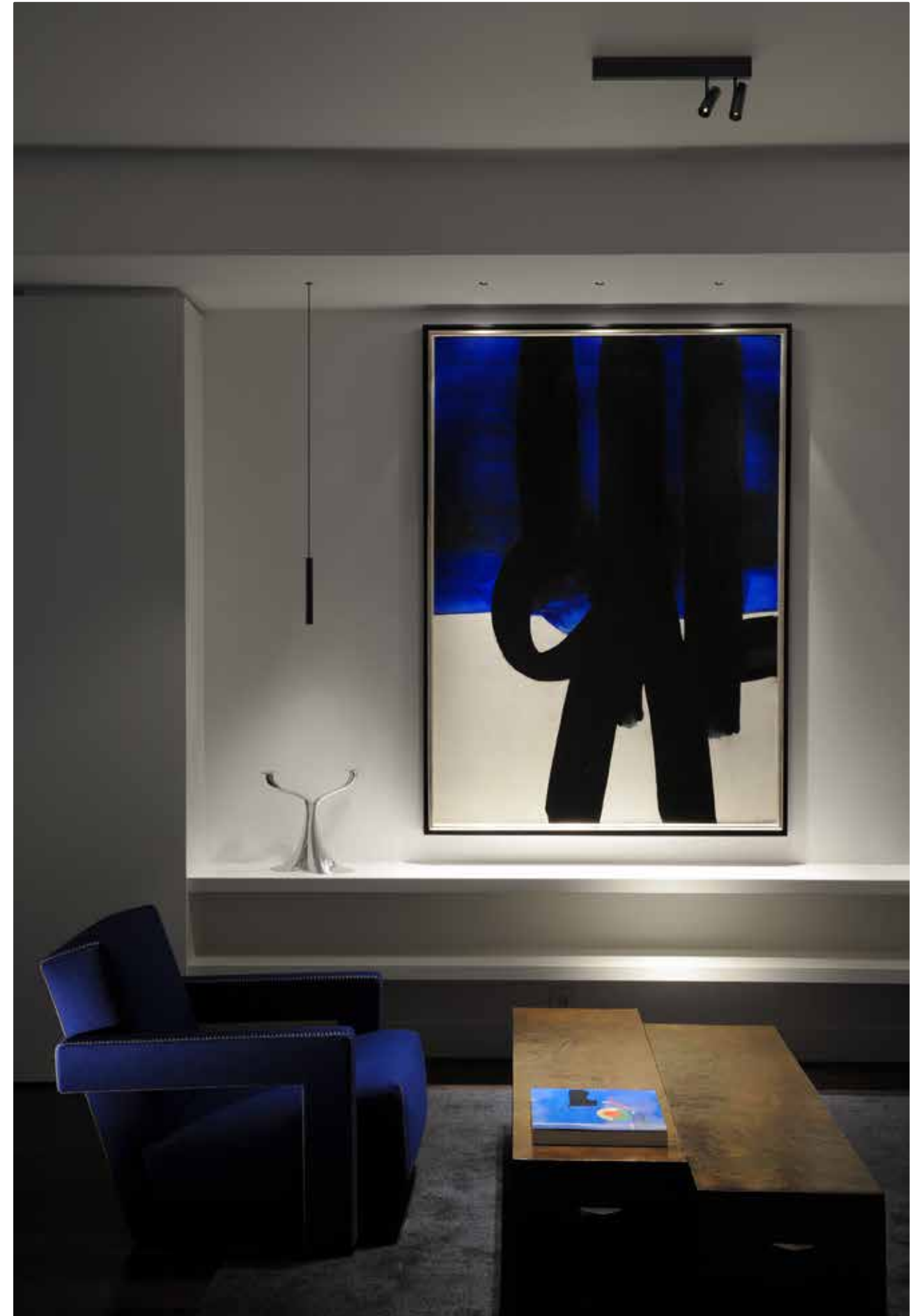
In line with the 20-40-60-80 sizing, kreon holon 20 is latest addition to our esteemed kreon holon family. Small yet mighty, this fixture embodies versatility and sophistication, elevating your lighting solutions with its sleek design and powerful functionality.

As the newest member of the kreon holon lineup, kreon holon 20 offers a range of options to cater to any lighting requirement. Whether you seek fixed lighting, directional spots, gearbox mounted, track-mounted spots, or pendant variants, kreon holon 20 delivers with precision and style.

Crafted with a refined cylindrical design and a deep-set LED position, kreon holon 20 ensures a subtle yet impactful illumination, avoiding any discomfort in visual perception.

Equipped with high-performance darklight optics and compatible with the recently launched kreon noite profiles, kreon holon 20 is designed for seamless integration and optimal performance.

Experience the future of lighting with kreon holon 20, where form meets function in perfect harmony. Elevate your space with its unmatched style and performance.



VEKTRON CEILING SYSTEMS

Climate ceilings

The architectural climate ceilings from vektron integrate lighting, ventilation, sound insulation, audio and, of course, air conditioning. This all-in-one solution makes a room not only lovelier, more comfortable, quieter and more efficient, but also simply healthier. Although air conditioning and ventilation are essential elements today in the design of larger buildings, the aesthetic side is often neglected. Fortunately, the vektron climate ceilings provide an elegant solution.

Harmonious and comfortable

Through the integration of luminaires, ventilation grids, sound insulation, loudspeakers and air conditioning in a single ceiling element, all these technologies form a harmonious unit with regard to design, colour and workmanship that can be integrated very well into the ceiling.

In addition, vektron acoustic climate ceilings provide for a more pleasant and healthier indoor climate. The entire room is cooled or heated evenly, silently and without draughts. Microorganisms and bacteria also have no chance.

Cost-effective with low maintenance requirements

The climate ceilings from vektron require little maintenance (no motors, no filters) and are very energy-efficient. vektron climate ceilings heat at low water temperatures and cool at high water temperatures. As a result, they are extremely compatible with heat pumps, which considerably improve the energy-efficiency of a building.

Healthier employees

Health complaints that can be attributed to lengthy periods of stay in a building are known under the generic term "sick building syndrome". Typical complaints are irritation of the eyes, nose and respiratory tract, as well as itching, tiredness and poor concentration. vektron climate ceilings put an end to that, because they absorb heat on the one hand and cool the ambient air on the other by convection. The air that cools down at the height of the climate ceiling sinks, while the warm air in the room rises.

Since we spend a good eight hours there, the office environment has a big influence on our lives. Ultimately, a pleasant and healthy working environment contributes to a higher quality of life and helps to increase the productivity of the employees by around 15 %.

Always the ideal temperature

The best offices are those in which people feel most comfortable. The temperature plays an important role here. The employees' productivity is negatively affected if the office

is too hot (over 25 °C) or too cold (below 20 °C). Headaches, nausea and ear, nose and throat complaints are strongly temperature-related. The ideal office temperature is around 21 to 22 °C.

As The best air conditioning systems ensure homogeneous air temperatures, without draughts or noise, while the most economical systems are compatible with heat pumps and geothermal systems. The climate ceilings from vektron combine these properties in an ideal manner and are also integrated beautifully into the ceiling.

Pleasant light

Light is also an important comfort factor in offices. Light regulates our biological clock and controls a large number of internal processes. For example, employees have to strain themselves more to see well if the lighting is poor. This can lead to concentration problems as well as neck and shoulder pain.

The combination of sufficient natural daylight and a high-quality lighting system provides

the remedy here. The frequency of the artificial light also plays a role: if the light frequencies are too low, our eyes constantly have to adjust, which leads to eye irritation. The lighting integrated into vektron climate ceilings is of a high quality and ensures an extremely low glare factor even at the height of the work surface.

Pure air

Electrical appliances and people are the biggest air pollutants in the office. The CO2 level is often too high without us even noticing it. Adequate air circulation is therefore crucial. If the stale air is extracted to a sufficient degree, far fewer bacteria remain in the room. The risk of headaches, allergic reactions, dizziness and diseases is then significantly reduced.

Ventilation is not just about removing stale air, but also about supplying clean air, preferably with a system that filters out dust particles and toxic gases. The vektron climate ceilings also perform extremely well in terms of air quality.



BRAND

Shining a light on belux

Since its inception in 1970, belux has illuminated the world with its innovative lighting solutions. Originally founded in Switzerland, the company initially focused on producing lights for the workshop sector. However, a decade later, belux made a pivotal shift towards developing and manufacturing designer lighting for both living and working spaces, leaving behind its workshop roots.

From the outset, belux embraced the principle of experimental innovation, always willing to take risks in pursuit of groundbreaking designs. Collaborating with renowned Swiss designer Hannes Wettstein marked a turning point, yielding iconic creations like "Snodo" and "Ball." In 1982, belux achieved international acclaim with "Metro," the world's first low-voltage cable system, signaling its commitment to pushing the boundaries of lighting technology.

In the following years, belux continued to foster innovation through initiatives like the design competition for

luminaires in 1984, which attracted submissions from young designers worldwide. The winning concept, "Tubo," and subsequent creations such as the desk lamp "Lifto" by Swiss designer Benjamin Thut, solidified belux's reputation as a purveyor of lighting classics.

Throughout the 1990s, belux further expanded its creative horizons with projects like the "Private Light" initiative, featuring experimental wall light designs from esteemed designers like Michele de Lucchi and Ron Arad. The company also responded to the real estate crisis of the era by introducing "Economy" in 1992, the first direct/indirect luminaire family for offices, offering a cost-effective lighting solution without compromising on quality.

As the new millennium dawned, belux continued to innovate, embracing LED technology and collaborating with internationally renowned designers within the Vitra Group. Frank Gehry, Naoto Fukasawa, and Ronan & Erwan

Bouroullec were among the luminaries who contributed to belux's portfolio, creating poetic designs that captivated audiences worldwide.

In 2016, belux entered a new chapter of its storied history as it became a sister-company of kreon. kreon, specializing in lighting solutions for the high-end architectural market, complemented belux's offerings seamlessly. Despite the ownership change, both belux and kreon remain distinct entities, leveraging their combined expertise to push the boundaries of lighting design.

With its decades-long legacy of innovation and unwavering commitment to quality, belux continues to illuminate spaces around the globe. From its humble beginnings in the workshop sector to its current position at the forefront of the lighting industry, belux's timeless designs and pioneering spirit ensure that it will remain a beacon of creativity for years to come.



OPTICS & HUMANS

Light volume and emotion, introducing belux oto

Introducing the latest addition to belux's luminaire family: the innovative belux oto series. Designed to elevate lighting solutions across diverse settings such as offices, home offices, hospitality venues, and private homes, this distinctive lamp is the brainchild of the renowned design studio, OTO.berlin, led by Philipp von Lintel and Joel Hoff. The interplay of varying light intensities, coupled with its unparalleled materialization, sets a new standard in high-quality lighting design, perfectly aligning with the contemporary and forward-thinking approach to lighting planning.





novelty

Light volume and emotion

Direct light: a precise optics package enables homogeneous illumination of the workplace. Indirect light: the powerful indirect light creates a pleasant feeling of space and also optimizes the even distribution of light on the desk. Emotion and ambience: the striking geometry of the diffuser made of high-quality silicone brings pleasant, atmospheric light into any environment.



novelty

Available in pendant, surface-mounted or free-standing versions, belux oto is the functional and aesthetic answer to every requirement of modern office concepts and gives architects and designers the greatest possible flexibility in design.



oto 46
Desk-mounted light

oto 34
Pendant light

oto 10
Standing light

oto 01
Reading light

oto 30
Pendant light

oto 32
Pendant light
+ LFO

Ø450

Ø300

novelty

novelty



Interview with designers Joel Hoff and Philipp von Lintel

With the new belux oto luminaire family, belux complements the product portfolio for sophisticated lighting solutions in the office, home office, hospitality and private home sectors. The idea and design of the new and unique lamp was created in the design studio OTO.berlin, with Philipp von Lintel and Joel Hoff. The interaction of different light levels in combination with the materialization, which is unique in the high-quality lighting industry, supports the zeitgeist of current and future-oriented lighting planning.



Could you elaborate on the unique materialization of the belux oto luminaire family and how it enhances lighting solutions in various environments such as offices, home offices, hospitality, and residential spaces?

"The materialization of the belux oto luminaire family is truly special and sets it apart in the lighting industry. We've carefully selected high-quality materials, prominently featuring silicone for the diffuser, to ensure durability and sophistication in any space. This combination enhances the overall lighting experience, making it suitable for diverse environments such as offices, home offices, hospitality, and residential areas."

What inspired the design of the belux oto luminaire family, particularly its interaction of different light levels and material choices?

"Our inspiration for the belux oto luminaire family stemmed from the desire to seamlessly blend functionality with aesthetics. We were particularly drawn to the unique interplay of different light levels and how they could influence a space's atmosphere. Additionally, we aimed to incorporate distinctive material choices to reflect modern and future-oriented lighting trends."

How does the precise optics package contribute to the homogeneous illumination of the workplace in the belux oto luminaire family? Could you explain its impact on productivity and comfort?

"The precise optics package integrated into the belux oto luminaires ensures consistent and uniform illumination across the workplace. This feature

minimizes glare and shadows, enhancing productivity and creating a comfortable working environment. Users can expect optimal lighting conditions that contribute to their overall well-being and performance."

Could you discuss the role of indirect light in the belux oto luminaire family and how it enhances the feeling of space while optimizing light distribution on the desk?

"Indirect light is crucial in the belux oto luminaire family as it creates a sense of spaciousness while effectively distributing light on the desk surface. By incorporating powerful indirect light sources, we aimed to enhance the overall ambiance of the space, making it more inviting and comfortable for users. This feature adds versatility to the luminaires, allowing them to adapt to different lighting scenarios effortlessly."

The diffuser of the belux oto luminaire family is described as having a striking geometry made of high-quality silicone. How does this design element contribute to creating a pleasant and atmospheric light in various environments?

"The unique geometry of the diffuser, crafted from high-quality silicone, serves as a focal point of the belux oto luminaires. This design element not only adds visual interest but also diffuses light in a soft and gentle manner, creating a warm and inviting atmosphere. The combination of striking geometry and premium materials elevates the aesthetic appeal of the luminaires, making them suitable for various settings."

In what ways does the belux oto luminaire family address the evolving needs of modern office concepts, and how does it offer flexibility to architects and designers in their lighting design approach?

"The belux oto luminaire family is designed to meet the evolving needs of modern office concepts by offering a perfect balance of functionality and flexibility. Whether it's pendant, surface-mounted, or free-standing versions, our luminaires provide architects and designers with the freedom to customize lighting solutions according to their specific requirements. This adaptability ensures that the belux oto luminaires can seamlessly integrate into any design scheme while enhancing the overall lighting experience."

"belux oto meets the evolving needs of modern offices by offering a perfect balance of functionality and flexibility."



OUTDOOR - INSIDE/OUT

Illuminating the outdoors with precision



The kreon vergo outdoor spotlight family is set to redefine outdoor lighting solutions. Initially, kreon vergo will be launched as a ground pin mounted luminaire. Surface mounted and wall mounted versions will complete the kreon vergo series to suit diverse outdoor lighting needs.

Equipped with double focus lenses, the kreon vergo spotlights ensure precise and uniform light distribution, enhancing the ambiance of any outdoor space.

With an IP rating of IP67, the kreon vergo spotlights boast robust construction, making them suitable for outdoor installations even in harsh weather conditions. Whether illuminating pathways, highlighting architectural features, or accentuating landscaping elements, kreon vergo outdoor spotlight family combines functionality with aesthetics, offering a sophisticated lighting solution for outdoor environments.



Residential

A fresh perspective on villa design: Open-hearted, yet approachable. Refined, without an air of exclusivity. Welcoming, while avoiding coldness. In the creation of a new residence for a family by Lake Starnberg, .PEAM design undertook a complete reimagining of floor plans, resulting in a modern living concept. The presence of expansive oak installations, walls finished in natural lime plaster, and polished cement floors fosters an atmosphere of tranquility and unity. Sustainability finds expression both in material choices and the enduring nature of the chosen style.

Within the context of this high-end villa, .PEAM design has opted to partner with kreon for the majority of its lighting needs. Meticulously selecting only 3 distinct luminaire models, we have harmoniously incorporated them throughout the villa's spaces. The trio of kreon kagi, kreon holon 40 directional and kreon esprit ceiling luminaires have been seamlessly integrated into the project, all featuring an elegant black finish.

PRIVATE RESIDENCE

Architect

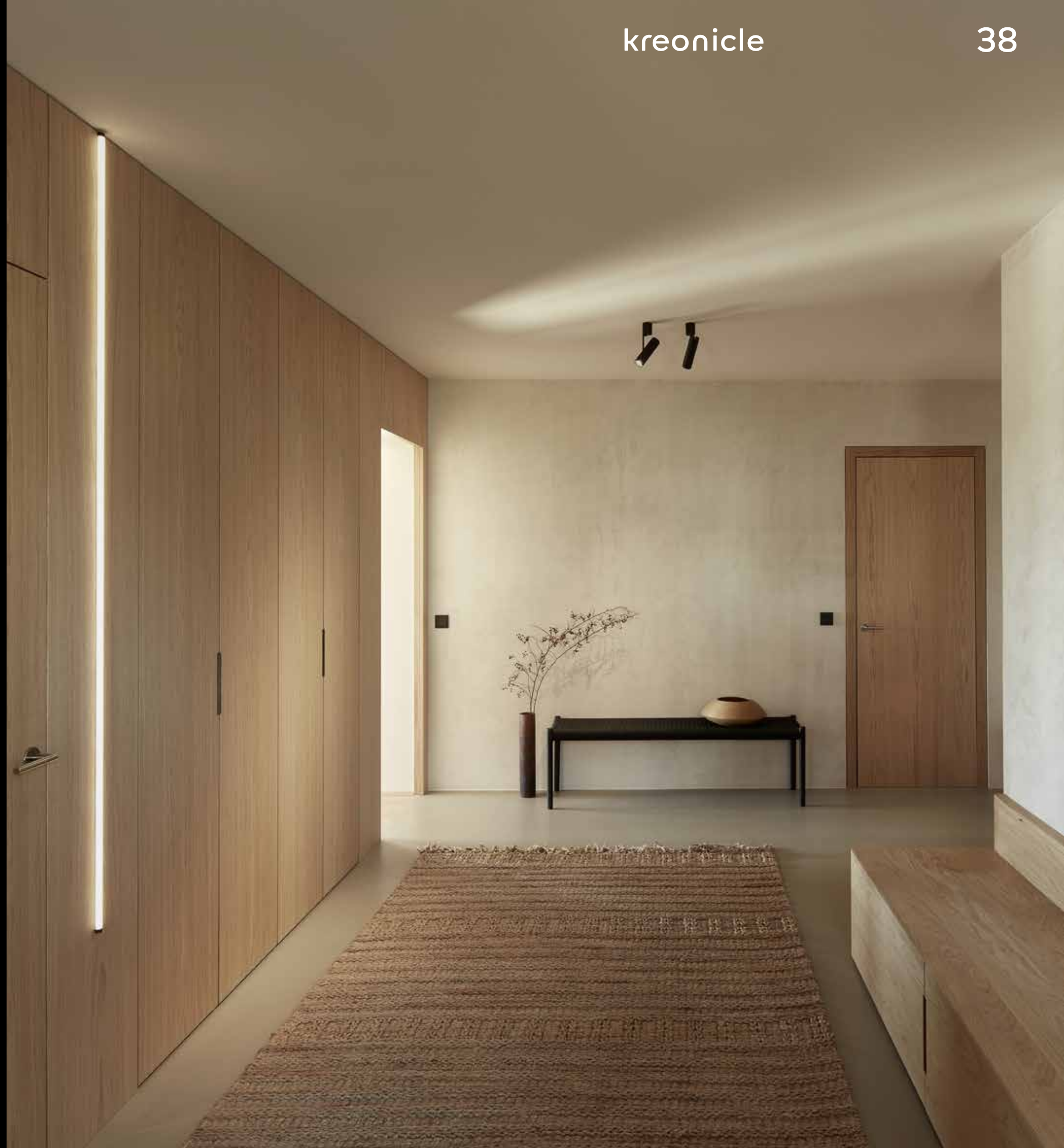
.PEAM

Location

Münich, Germany

Products

kreon kagi, kreon holon 40,
kreon esprit ceiling



Throughout the villa's spaces, only 3 distinct luminaire models have been harmoniously incorporated.



←
kreon kagi profile
→
kreon esprit
ceiling



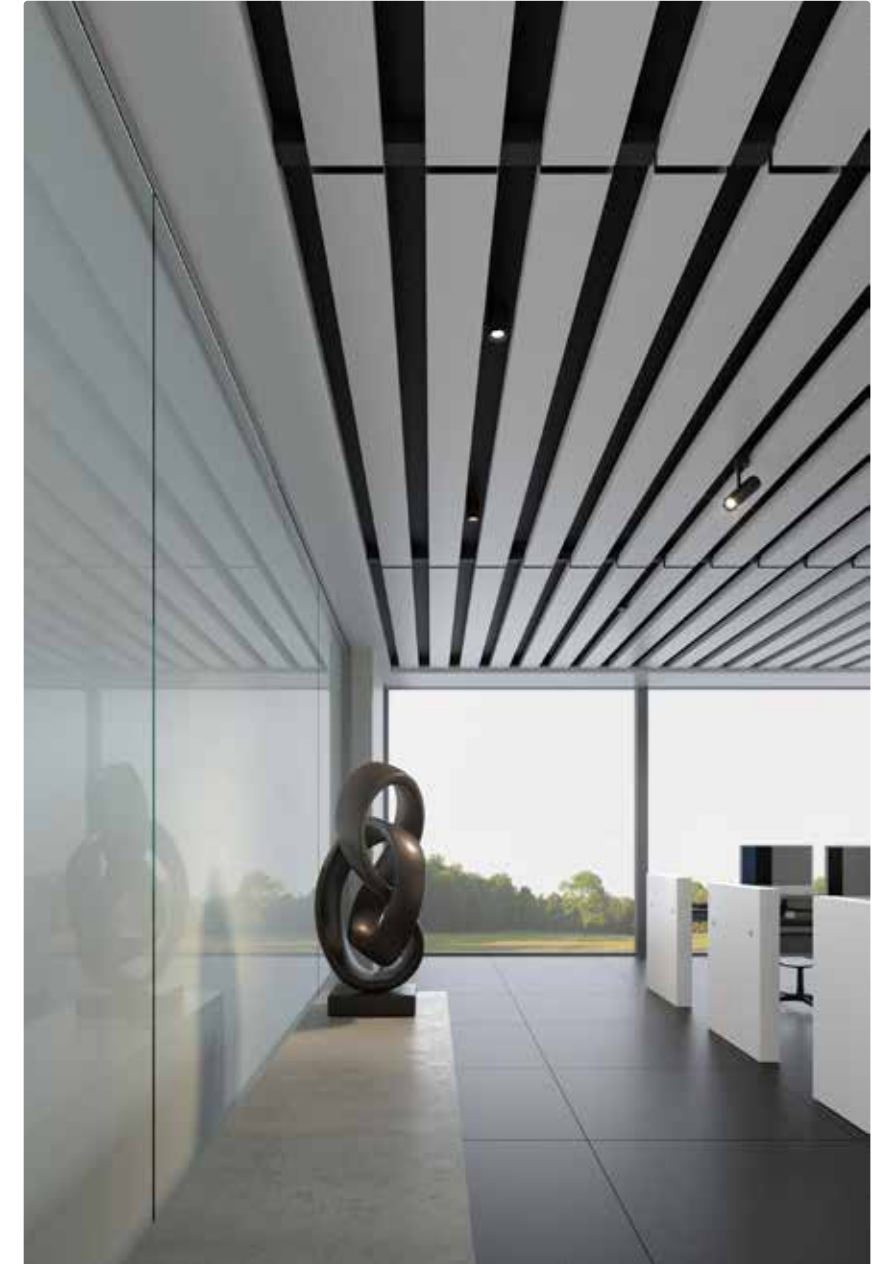
VEKTRON CEILING SYSTEMS

vektron ili: a half open ceiling system creating an industrial look

Ceiling systems have to provide an answer on how to combine different integrations a ceiling typically holds: lighting, acoustic absorption and aesthetic finishing of a raw ceiling.

vektron ili is our answer to this question: a half open ceiling system, made of baffles and bandrasters, creating an alternating pattern with an industrial look, easy accessible plenum space, performant acoustic properties and integrated luminaires.

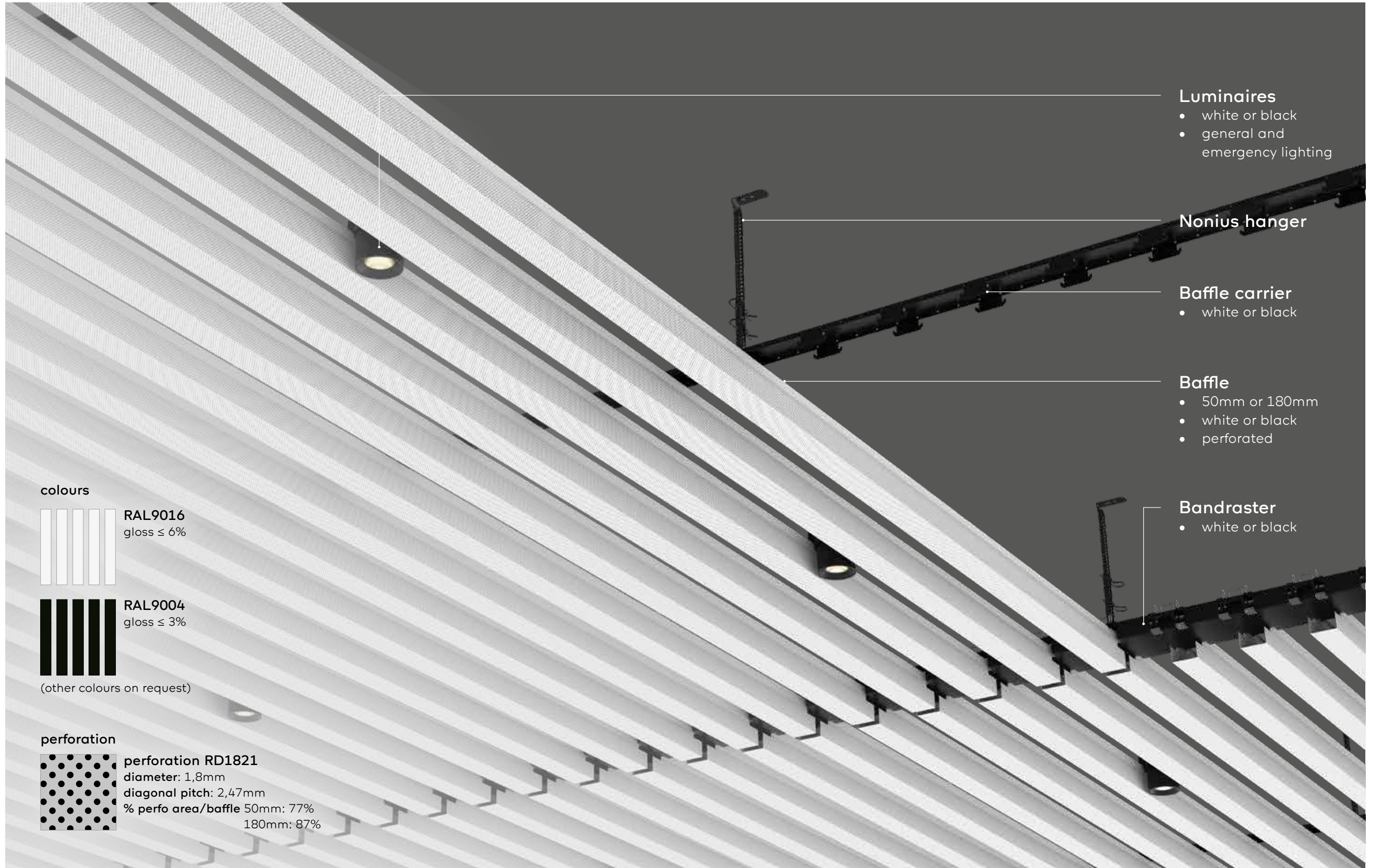
novelty



vektron ili consists of two main parts: a baffle and a supporting bandraster which is attached to the ceiling. Each baffle is provided with polyester wool. In combination with fully perforated baffles the acoustic comfort of a room improves due to a decrease of reverberating sounds which leads to an increased optimal auditive comfort. vektron ili is available in two different set-ups.

Both consist of the same supporting bandraster but the size of the baffles varies. The smallest baffle is 50mm wide with a pitch of 130mm centre-to-centre distance. The larger baffle measures 180mm in width and has a pitch of twice the size.

novelty



Luminaires

- white or black
- general and emergency lighting

Nonius hanger

Baffle carrier

- white or black

Baffle

- 50mm or 180mm
- white or black
- perforated

Bandraster

- white or black

colours

RAL9016
gloss ≤ 6%



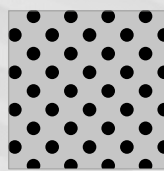
RAL9004
gloss ≤ 3%



(other colours on request)

perforation

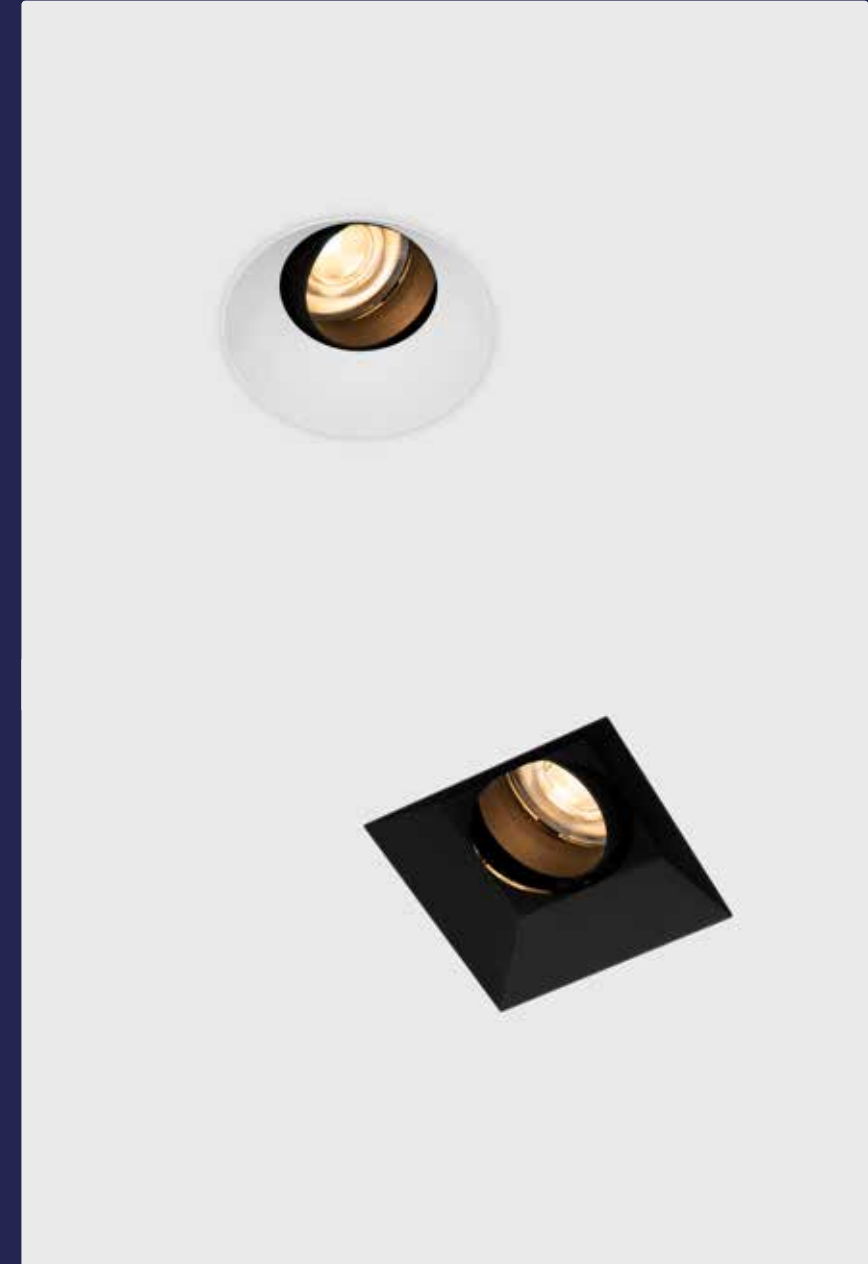
perforation RD1821
diameter: 1,8mm
diagonal pitch: 2,47mm
% perfo area/baffle 50mm: 77%
180mm: 87%





The kreon kagi range just got a powerful upgrade with the introduction of the holon on-kagi in a directional variant. You can now elevate your lighting experience with precision and style as the kreon kagi range continues to innovate. The addition of the directional kreon holon on-kagi brings a new dimension to design possibilities, allowing you to tailor your lighting to perfection. Illuminate your space with sophistication and functionality, the perfect blend for a modern and dynamic environment.

novelty



kreon aplis in-line & down in-line 60 are now available as directional downlights. These trimless circular and square recessed spotlight come with a built-in snout that serves two purposes. Firstly it absorbs stray flux, so aiding a control, and secondly it provides an integrated mounting ring for the fixation of additional optical lenses for increased optimisation.

Each of these luminaires can be rotated up to 360° and tilted by 30° without compromising the recessed position of the lamp or the glare control. The luminaire can aim at both vertical and horizontal surfaces.

novelty

SUSTAINABILITY & ARCHITECTURE

Step by step towards a cleaner world

Without a long-term vision, there can't be sustainable results. We apply this philosophy to the development of our products – always based on the principles of a timeless design and a long lifespan – and to the reduction of our carbon footprint. While the impact of many green measures is already tangible today, there are still important steps to take. The state of affairs.

Low wattage, long life cycle

All kreon lighting solutions have something important in common: energy efficiency and a long lifespan are always central. We create designs that remain relevant and can be adapted to suit your own taste and personal needs. This is how we encourage our customers to keep using them in different forms at different stages in their lives. About 90% of our products can be taken apart and reused.

Our LED lighting produces a high level of lumens with low wattage. This efficiency reduces energy consumption and therefore CO2 emissions and also ensures that the lighting lasts a long time. Based on thorough research and an analysis of the specific requirements of each room, our lighting design team looks for the perfect balance between lighting comfort and energy consumption. Lighting studies are essential to design efficient, comfortable and sustainable lighting systems.

Recycled aluminium

All our profiles are made from 80% recycled aluminium – the highest possible percentage to guarantee a long lifespan. Our supplier, E-Max, belongs to the same holding company as kreon. The aluminium we use is therefore not only environmentally friendly; it is also sourced locally. In addition, the aluminium shavings left over in our production process are returned to E-Max for reuse. The numbers don't lie: the production of conventional aluminium requires 15 MWh/tonne of energy, while for recycled aluminium it's only 0.75 MWh/tonne. This amounts to 95% fewer raw materials and 90% fewer CO2 emissions.

Minor changes with high impact

A recent environmental audit of each department confirmed that with small changes we can make a huge difference. Some examples: by recycling used materials every day, slightly lowering the temperature of our offices and production halls and installing efficient high-

speed doors, we are already taking significant steps towards greener and more sustainable business operations. We also started a working group to optimise warehousing so that we can use our resources more efficiently.

Heat pumps and solar panels provide sustainable energy generation, while rainwater flushes our toilets, reducing our water consumption. You will find a dozen electric charging stations in our parking lot; we encourage environmentally friendly commuting with bicycle leasing; and infiltration trenches create a beautiful natural landscape around our building.

An environmentally conscious workplace

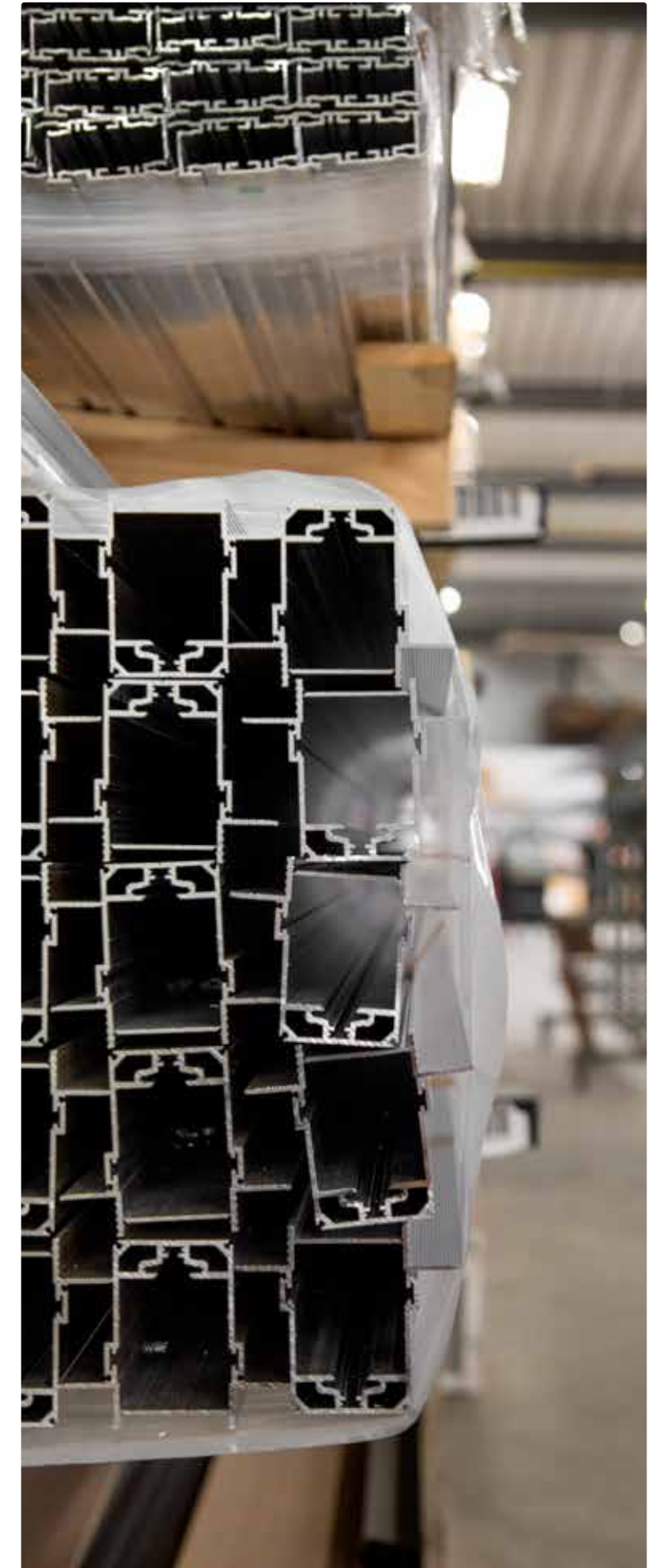
Achieving ISO 14001 certification was a great acknowledgement of all these ecological measures. But the best reward is undoubtedly the positive impact we see every day in the workplace. The new vibe is a promising one and it is encouraging to see how many employees consciously recycle,

cycle to work or wear a slightly thicker sweater because of the lower indoor temperature, to name just a few examples. Everyone within kreon is on board with our ambition to create a greener future and a healthier workplace.

We need to do even better

We may have achieved a lot in terms of sustainability, but there is still a lot of work to be done. In the area of recycling alone, there is still a lot of room for improvement. Identifying materials more thoroughly, for example, to separate waste more efficiently. This can give us valuable insights: if we understand which materials are easy to recycle and which are not, we can make smarter choices in the future.

kreon's goal is to reduce its carbon footprint by 10% every year. By further greening our energy sources, continuing to reduce our consumption and expanding our circularity further, we will succeed and contribute to a cleaner planet.



Interview with Philippe van Doormaal

Philippe van Doormaal studied to be a marketer and began his career at kreon in the mid nineties.

He is familiar with kreon's past and has a clear vision of the future. We talked to him about kreon, the brand's philosophy and the core values of the company and product range.



Can you tell us about the origin of the name "kreon" and how it reflects the brand's philosophy?

Philippe van Doormaal: "Absolutely. The name "kreon" stems from the French word "crayon", meaning "pencil". A pencil marks the starting point for an architect's vision. At kreon, we believe in simplifying lighting solutions to their essence, just as a pencil distils ideas onto paper. Our luminaires are designed with architecture in mind, focusing on purity and simplicity to enhance the built environment."

How does kreon's product range embody its core values of purity and simplicity?

Philippe van Doormaal: "From the outset, kreon has remained dedicated to its core values of unity in design, simplicity in techniques and precision in details. Our product range reflects this commitment by offering minimalist lighting solutions that seamlessly integrate into architectural spaces. Over the years, while we've introduced more decorative touches, we've ensured that our designs stay true to these principles, maintaining a harmonious balance between form and function."

Could you elaborate on how kreon has evolved while staying true to its core values?

Philippe van Doormaal: "As we evolve, we remain steadfast in our dedication to quality and innovation. While introducing more decorative lighting options, we've continued to prioritize unity in design and precision in details. Our luminaires are timeless yet sensitive to contemporary trends, offering solutions for pure and emotionally charged architectural designs."

How does sustainability factor into kreon's approach to lighting solutions?

Philippe van Doormaal: "Sustainability is a core focus for kreon. In 2023 we obtained the ISO 14001 certificate, reflecting our commitment to environmental management. Our lighting fixtures and ceiling systems are crafted with sustainable and recyclable materials, and we aim to reduce our CO2 emissions. Sustainability is not just a trend for us; it's a fundamental principle that guides our design and manufacturing processes."

Can you explain how kreon assists architects and designers in creating lighting plans?

Philippe van Doormaal: "Drawing parallels to preparing a menu, creating a lighting plan is akin to selecting the right ingredients. At kreon, we offer a comprehensive range of luminaires that provide the essential elements for a perfect lighting scheme. Whether it's interior or exterior projects, our collection encompasses a diverse array of fixtures to suit every need."

How does kreon ensure quality and reliability in its products?

Philippe van Doormaal: "Quality and reliability are paramount to us. We meticulously design, develop and produce our luminaires to meet the highest standards. From rigorous testing to employing advanced manufacturing techniques, we prioritize excellence in every aspect of our products."

What sets kreon apart from other lighting brands in the market?

Philippe van Doormaal: "What sets us apart is our unwavering dedication to architectural integrity and innovation. We don't just offer lighting solutions; we provide tools for architects and designers to realize their visions. Our commitment to purity, simplicity and sustainability distinguishes us in the industry."

What does the future hold for kreon?

Philippe van Doormaal: "As we look ahead, we remain committed to pushing the boundaries of lighting design while staying true to our core values. We will continue to innovate, evolve and inspire the architectural landscape with our timeless yet contemporary luminaires."

"kreon has remained dedicated to its core values of unity in design, simplicity in techniques and precision in details."

Philippe van Doormaal

Office

From an old sweet factory to a stunning and exclusive, urban office building. Dieter Vander Velpen Architects achieved a remarkable metamorphosis in the heart of the Antwerp district Berchem. The once lively Euro Sweets factory, renowned for its pastel-coloured sweets and chocolate, has been given a second lease of life. The industrial heritage building was transformed into a loft-like 550 square metre space. It now serves not only as office space, but also as a meeting place and event venue. The eye-catchers there are the custom-made kreon luminaires illuminating the different rooms.

DIETER VANDER VELPEN

Architects

Dieter Vander Velpen
Architects

Location

Antwerp, Belgium

(Bespoke) products

kreon holon 60 silver grey
kreon holon 60 black
kreon kagi pendant
kreon nuit



Mysterious James Bond atmosphere thanks to kreon fixtures



← kreon nuit
→ kreon holon 60 directional



While the space pays homage to the history of the building, it also looks toward the future

The entire building, dating back to 1919, was completely stripped. The new office of Dieter Vander Velpen Architects was established on the second floor. The industrial charm of the building, with its raw exposed concrete and original floors, was preserved and forms an exciting contrast with contemporary interior elements. For example, the molds of the candies will soon add an artistic touch to the foyer. The architecture firm also cleverly utilizes this space as a virtual showroom and source of inspiration.

While the space pays homage to the history of the building, it also looks toward the future. Thanks to roof and exterior wall insulation, the building's energy performance has been improved. Additionally, there are plans for solar panels.

The highlights of the interior are the carefully integrated kreon fixtures. kreon holon 60, in brushed aluminum, discreetly illuminates the corridors and kitchen. The minimalist design also enhances the aesthetic value of the building. In the meeting room, the kreon nuit profile, also in brushed aluminum, ensures uniform lighting, ideal for presentations and meetings. For the workspace, Vander Velpen chose the kreon kagi profile, which, thanks to asymmetrical optics, provides optimal task lighting.

Out on the terrace, the kreon wabi seamlessly combines aesthetics with functionality. The outdoor fixture features an optimally shielded optical system that maintains visual comfort and illuminates the ground surfaces.

Loyal partners

kreon has been a long-standing partner of Dieter Vander Velpen. From the drawing board, kreon contributed to the design. The renovated interior, inspired by brutalism, boasts abundant natural daylight. Combined with quality lighting, the spaces create an optimal working atmosphere. It is an essential component that harmonizes both aesthetically and functionally with the space.

The lighting is precisely tailored to technical details such as faucets and outlets. An impressive wall serves as a cabinet full of samples, with the weathered bronze lighting detail helping to highlight items. The cabinet, which displays new samples monthly, also acts as a connecting point between different zones of the office and is accentuated by several kreon holon 60 fixtures.

With a warmth of 2700K, the lighting provides an inviting glow, unique and distinct from other offices, combined with both pendant and fixed

fixtures. Dieter was looking for Belgian partners for the office's furnishing. Therefore, support from kreon was evident. The lighting is custom-made, often based on standard models but adapted to the specific needs and desires of the architect.

The Vander Velpen touch in the interior

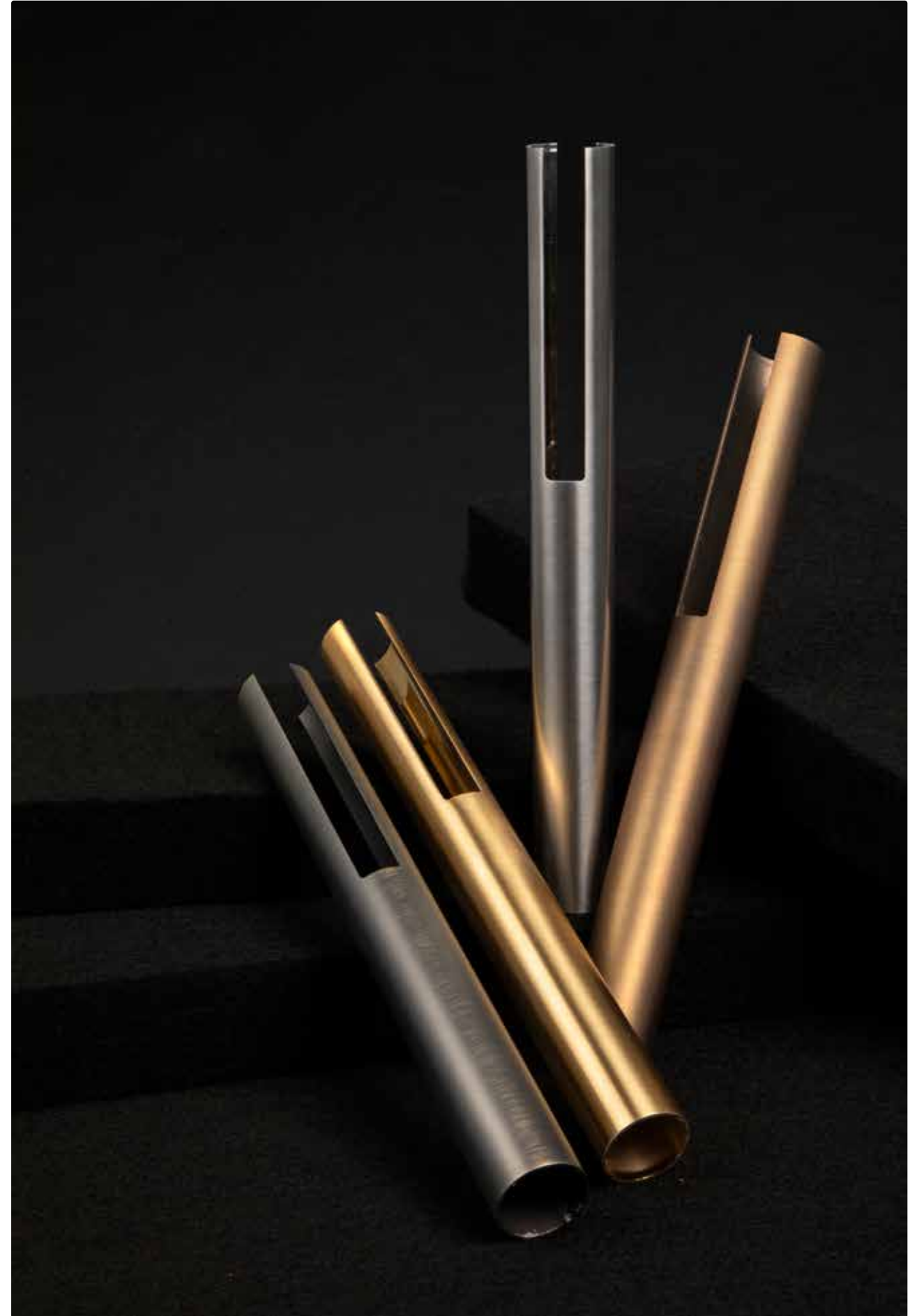
The choice of this property was based on its location, size and the charm of the original interior. Vander Velpen opted for a vintage-inspired interior in which various original accents were preserved. The result is an interior that emphasizes the contrast between the industrial style and luxurious elements. Bronze and rust accents are repeated in the sofas, in the large wooden table in the office space and in the lighting.

Dieter Vander Velpen Architects blend old and new, raw and refined, historical and modern in the new office building. Through their collaboration with kreon, they succeeded in creating a space that embodies aesthetics, functionality and innovation.

MATERIAL & ARCHITECTURE

Sometimes the more luxurious choice makes perfect sense

In interior design, lighting fixtures have evolved from rather functional elements to showpieces that define the mood and aesthetics of a room. Today, more people opt for more expensive, high-quality materials such as bronze, alabaster and marble. It reflects a growing desire to bring elegance, luxury, and harmony to home furnishings. Here are a few arguments why more expensive luminaires can be the better choice.



Lasting beauty

Lighting fixtures are not just light sources, they are an integral part of interior design. More expensive materials such as bronze, alabaster and marble add a touch of elegance and sophistication to any room. These materials are not just visually appealing, but also very durable: your investment will last for years! By using high-quality materials, lighting fixtures become beautiful artworks that enhance the overall aesthetic of your home.

Living in harmony

Today's design-conscious homeowners pay close attention to how they coordinate finishes in their living spaces.

Lighting fixtures play a pivotal role in achieving harmony. Aligning lighting fixtures with elements such as light switches, sockets and door handles creates a harmonious and visually pleasing environment.

If you opted for a brushed bronze finish for your door handles and light switches, light fittings with a matching finish can bring the room together seamlessly. This attention to detail creates a sense of cohesion and enhances the overall design of your space.

Infinite versatility

Expensive materials offer a wide range of finishing options, allowing homeowners to choose fixtures to suit their style and preferences. Some popular finishes include brushed bronze, brushed black and brushed gold. With these variations, you can find the perfect lighting fixture to complement your interior or set the tone for a new design theme.

Moreover, the versatility of materials such as marble is truly remarkable. With a range of available colours and patterns, marble lighting fixtures can be adapted to different design concepts. Whether you prefer classic white marble or want to make a bold statement with colourful marble, the possibilities are virtually endless.

A timeless investment

Investing in lighting fixtures made of more expensive materials can be a wise decision, not only for the immediate visual impact, but also for the long-term value. High-quality materials are known for their durability, which means your luminaires will remain beautiful and functional for years to come. Unlike trendy disposable decorations, these fixtures are timeless investments that will continue to enhance your living space over time.

**On a final note...**

As the world of interior design becomes increasingly focused on elegance and harmony, more expensive materials offer the perfect solution. Their timeless appeal, versatility and wide range of finishes enable homeowners to create stunning and cohesive spaces that reflect their unique style and taste. And since they last longer, they are an antidote to throwawayism.



←
kreon stripe
and kreon aplis
in-line louvres
in brushed gold,
brushed silver,
brushed bronze
and gun metal

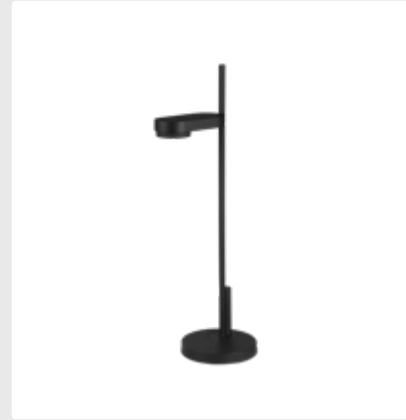
the desk
is served



belux lifto

the ultimate belux
classic

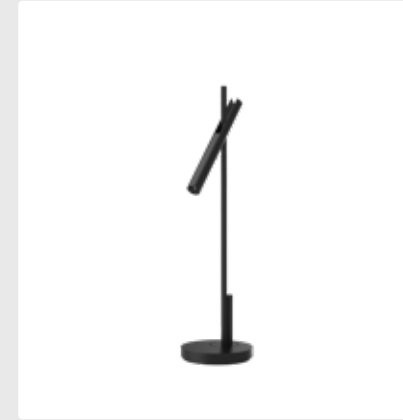
- 3 mechanical joints
- 2 sizes
- largest possible action radius functionality



belux kido desk

minimalistic
sophistication

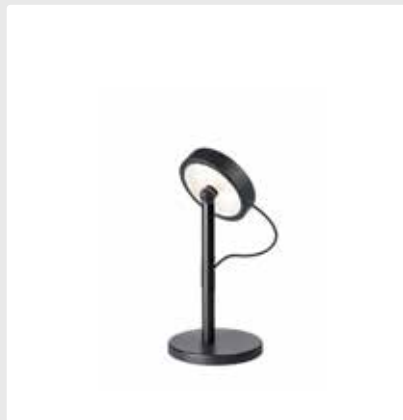
- static structure
- sophisticated and asymmetrical light output



belux esprit desk

elegance by
excellence

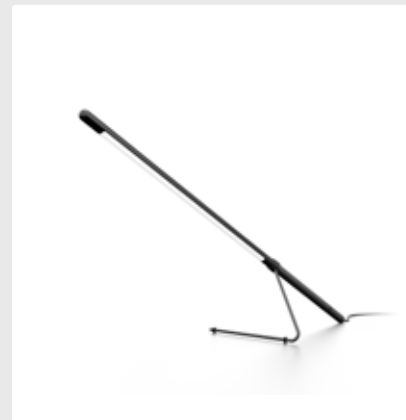
- multiple lamphead finishes
- sophisticated light technology combined with the highest design standards



belux u-turn

the wizard

- magnetic flexibility and adjustable beam angle

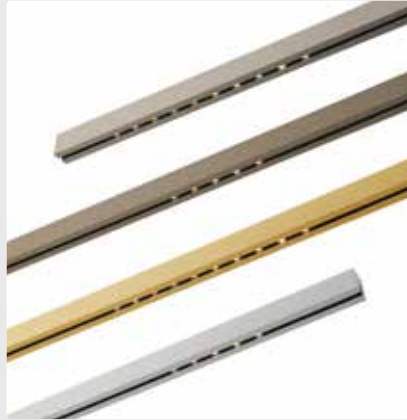


belux tubo

constructivist solitaire

- the sculptural consequence of Jo Niemeyers "concrete art"

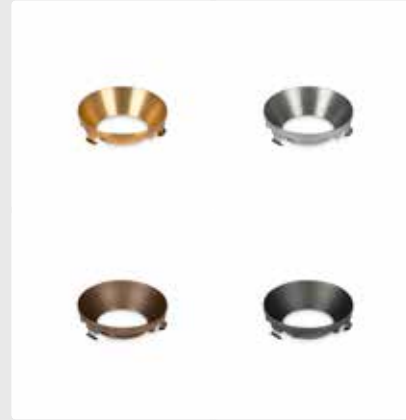


kreon
product
updates

kreon nit colours

Introducing an expanded palette of possibilities, the kreon nit profiles now cater to an even broader spectrum of projects where diverse colours are essential.

In addition to the classic options, we are proud to unveil four captivating new finishes: brushed gold, brushed bronze, natural anodized and fume grey. These additions not only enhance the versatility of kreon nit profiles but also offer designers unparalleled freedom to integrate rich, nuanced tones into their architectural visions. Whether it's evoking warmth with brushed gold or adding a touch of sophistication with fume grey, these new colours open up endless creative avenues, ensuring that every project can achieve its desired aesthetic with finesse and flair.

kreon downlights
new finishes

Not only our kreon nit profile gets an update with an expanded palette of colourisations; also our downlights ranges with trimless finish are now available with more luxuriously finished louvres.

Brushed gold, brushed silver and brushed bronze are added to the range. The already existing colour gun black metal gets an updated look.

These enhancements boost the adaptability of the kreon downlight range and provide designers with more flexibility to integrate intricate shades into their architectural concepts.

These fresh hues pave the way for limitless creative exploration.

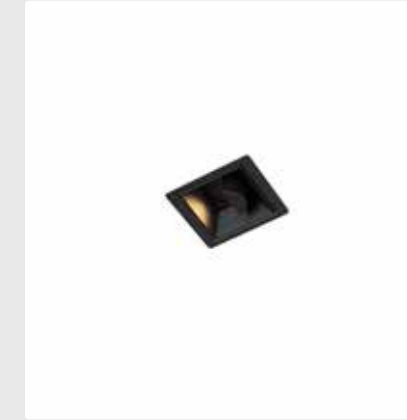
kreon downlights
80 HE fixed

The kreon downlights 80 high efficiency range expands with a new, fixed version of the luminaire.

kreon downlights 80 HE integrate high efficient faceted optics as an extension to the existing kreon aplis 80 directional range.

With a light designers preferred LED module, it creates dramatic scaloping effects on verticals with excellent colour rendering.

The deep recessed light source with the diligent engineered optic ensures a high glare control for visual comfort.

Revisited wall
washer 40 HE optic

The wallwasher 40 HE is now available with the latest high performance spoon optic, which was already available in a multitude of other kreon luminaires like kreon kagi and kreon side.

This powerful wallwasher ensures uniform light distribution with high lux values on vertical surfaces. This is made possible by the unique optical design that is capable of reflecting light to the very top of adjacent walls through a full 180° beam angle, whilst still maintaining an effective downlight component.

kreon holon 80
upgrade

kreon holon 80 is set to receive a technical update.

This powerful spotlight, available for surface mounting, recessed mounted, track mounting or as a fixed or pendant solution, will be enhanced boasting the luminaire's light output and performance.

Combined with the choice of spot, flood and wide flood reflector, the light output can be tailored precisely to the requirements of the space, whether it's accentuating specific features or providing ambient lighting.

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