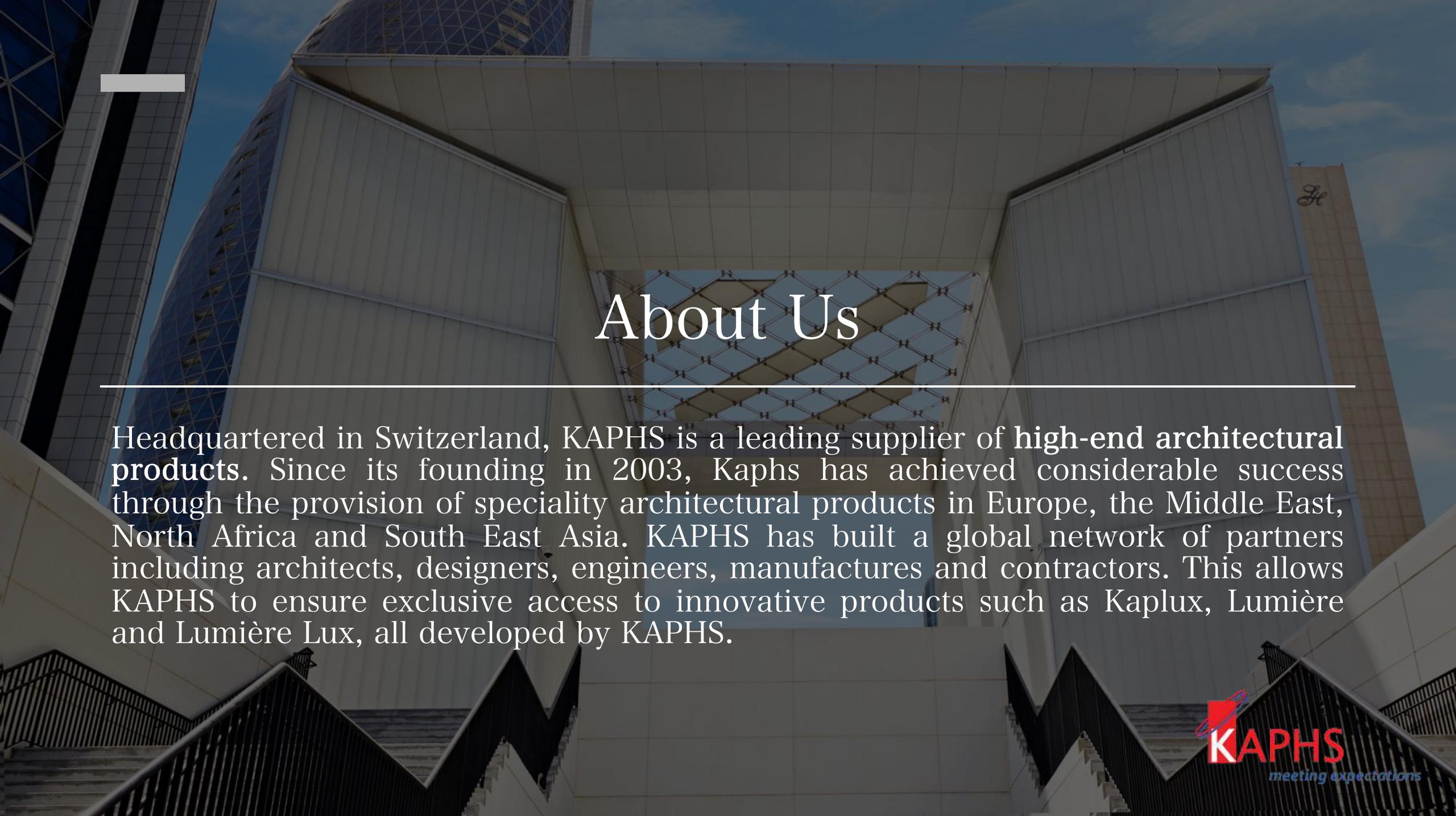




meeting expectations





About Us

Headquartered in Switzerland, KAPHS is a leading supplier of **high-end architectural products**. Since its founding in 2003, Kaphs has achieved considerable success through the provision of speciality architectural products in Europe, the Middle East, North Africa and South East Asia. KAPHS has built a global network of partners including architects, designers, engineers, manufactures and contractors. This allows KAPHS to ensure exclusive access to innovative products such as Kaplux, Lumière and Lumière Lux, all developed by KAPHS.

Locations and Contact

Europe

KAPHS S.A.

Avenue des Alpes 104

1820 Montreux, Switzerland

Tel: +41 79 409 67 41

Middle East

KAPHS Middle East

Business Bay, Dubai, United Arab Emirates

Tel: +971 45542145 / +971 56 9360379

Africa

Egypt

+20 100 151 9393

India

KAPHS Architectural
& Aviation Products
Pvt. Ltd

Tel: +91 99 44409000

+ 41 79 409 67 41

Singapore

LISUS
TECHNOLOGY
PTE.

Tel: +41 79 409 67 41



Partners

LISUS[®]

Singapore

Lumière[®]

Switzerland

LUMIÈRE LUX[®]

Switzerland

KAPLUX

Switzerland

HAYER & BOECKER



Germany



Germany

LAMBERTS

Germany

STONEGLASS[®]

Italy



India

**PETER PLATZ
SPEZIALGLAS GMBH**

Germany

KAPHS
meeting expectations

Products



Architectural Hardware Products

Spiders and Point Fixing Systems

Tension Cable and Rods Systems

Spigots / Pool Fencing / Canopies / Hand Railings & Balustrades



Glass Products

LINIT U-Profile Glass

Stoneglass

Media Glass Façade

Dichroic and Metalised Interlayers



Metal Elements

Woven Wire Mesh Façades

Expanded and Laser Cut Metal Panels

Transparent Media Façades

Cast Decorative Panels



3D Lighting Panels

Mood 3D

Decolux 3

Magic 3D

Miracle 3D

Lisus Architectural Hardware Systems

Acquired by Kaphs SA in 2016, Lisus Technology Pte Ltd has pioneered the design, engineering and manufacturing of **architectural stainless-steel fittings** for close to 40 years. LISUS guarantees original designs, excellent workmanship, competitive pricing and a personal customer experience.

LISUS provides a wide range of quality **engineered frameless glass systems** for canopies, balustrades, facades, pool fences and sliding doors.

LISUS[®]

Spider and Point Fixing Systems

Lisus C-Series

With a keen eye for design, the C-SERIES Concealed Spider Fitting marries functionality with elegance. Three decades as innovators in this field has allowed LISUS to produce a product that puts a refreshing spin on spider fittings for frameless glass facades and walls. Its curves defy the standard design blueprints of a spider fitting while neatly concealing the bolts that hold the clamps in place. A Hole Finder minimizes inaccuracies and makes for a perfect fit every time.



LISUS[®]

Spider and Point Fixing Systems

Lisus CX-Series

The CX-SERIES is a refined and technologically innovative structural glazing system that offers total freedom of design by exploiting the simplicity of the three-dimensional format. Components are here used to create a minimalist solution for a glass facade.



Spider and Point Fixing Systems

Lisus PF-Series

The main façade glass panels are suspended from a beam or slab by means of concealed clamps. Lateral support is provided by tempered glass fins of various design, thickness and configurations, independently clamped to the structure, while allowing for differential movement against the main glass facade. A high span façade requires the glass fin to be installed in sections held together by stainless steel splice joints. Three variants of the joints are available:



LISUS[®]

Tension Cable and Rod Systems

Lisus Cable Truss System

The Cable Truss System is formed of 2 single-strand Stainless Steel pretension cables, tied to the building structure via turnbuckles and fork-ends required for fixing and tensioning. Their connection to a tubular structure and the G-CLAD glass fittings provide a controlled degree of freedom: the glass and the cable truss can move independently, while maintaining lateral support to the façade under wind load. The integrity and stability of the glazed panels are ensured by cables, arranged horizontally and fixed back to the main structure.



Tension Cable and Rod Systems

Lisus Tension Rod

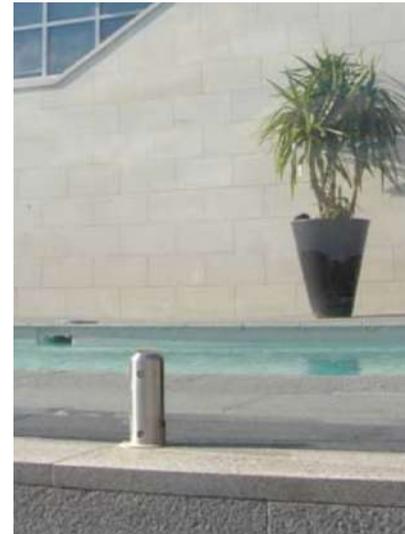
The Tension Rod structure is employed by a vertical plane, utilizing propriety stainless steel tensioning fittings, cross bracing, and the G-CLAD clamps. This form of structure provides the required lateral load bearing support to the main façade, with its distinctive architectural effect, due to the reliance of tensioning between the beam at the top and the floor slab.



U-Series Railings & Balustrades

Lisus D&F-Series Spigots

D&F-Series Spigots are designed and developed to suit a wide variety of balustrade systems. They are commonly used in commercial and residential installations and can be combined with the U-SERIES bracket to form a complete balustrade system. **Applications include:** interior glass balustrades, frameless pool fencing and hand railing systems.



LISUS[®]

Canopies

Lisus Single Canopy

The **Single Canopy** is an aesthetically pleasing modern design that abides by LISUS's primary goals: minimalism, functionality and affordability. It operates on very few fittings to provide a structurally sound, easy to install glass canopy. Well-engineered, the **Single Canopy** enables all components to be concealed, producing a clean line and your ideal canopy.



LISUS®



Project References

Al-Tayer Ferrari / Maserati Showroom, Dubai



Project References

Al-Tayer Ferrari / Maseratti Showroom, Dubai



meeting expectations



Project References

Bren Paddington, Bangalore



Project References

Al Fanar Mall, Kuwait



Project References

Doha International Airport

Glass Products

Kaplux Honeycomb Insulating Glass

KAPLUX is the result of intensive research and our effort to develop a glazing product that both allows **natural light into a building while providing a high degree of thermal insulation.** KAPLUX uses UV stabilized, multicell polymer infills in glass to redirect and allow natural lighting through. The filtered light allows for a substantial reduction in heat transmitted into the building, resulting in comfortable and energy-effective interiors.

Light transmission can be controlled in the range of 55% to 77% based on the thickness, colour and type of honeycomb panels used. The solar performance of the IGUs can be further optimized by using Low-E or other multifunctional coatings.



Kaplux Honeycomb Panels

Integrating honeycomb panels from Tubus Bauer, Kaphs has developed insulating glass products in the Kaplux range. These high-performance insulating glass units can be supplied using standard honeycomb panels of 12mm, 14mm, 16mm, 20mm or of customized thickness. In addition to neutral colour, honeycomb panels can be customised in colour and size, ranging from 3mm to 12mm.

The panels transmit up to 70% of incident light (depending on type of infill and glass specification). They are produced from UV stabilized polymers and manufactured using “angular selective” technology.





Project References

Kuwait Ministries Complex



Lamberts LINIT U- Profile Glass

In the first decades after World War II, profiled glass was used as a cheap, cost-effective solution for simple industry and commercial buildings. Today, thanks to its quality, refinement possibilities, clear forms and technical variety, it is employed in design-driven architectural projects worldwide, like museums, theatres, shopping centres and stadiums.



LINIT 504

LINIT Matt is a U-Profiled Glass with a sandblasted inner surface which diffuses light completely, meaning that clear outlines are no longer visible (in contrast to directed permeability). This creates a soft, whitish hue, making the LINIT facade an attractive choice and providing an additional lightness at comparatively low costs, especially when the glass facade is backlit.



LINIT Clarissimo

LINIT Clarissimo is a production-technical enhancement of LINIT clear, itself highly successful marketwise. LINIT Clarissimo is produced using non-structured rollers and offers an additional aesthetic appeal thanks to its transparency (in relation to rolled glass). However, it should be noted that the optical qualities of rolled glass cannot be compared with the surface and transparency of float glass as production techniques differ completely.



LINIT Solar

LINIT Solar is characterized by a silky-smooth surface which allows for ideal energy gain and high aesthetic demands to be met. Developed by the Glasfabrik LAMBERTS for Steven Holl Architects, New York, it was first applied in the Nelson Atkins Museum of Arts. Since then, LINIT Solar was used not only in several other projects by Steven Holl, like the Pratt Institute (New York City, USA), the Swiss Embassy (Washington, USA) and Herning Centre of the Arts (Herning, Denmark), among others around the globe.

LAMBERTS



LINIT Cord

LINIT Cord also meet high design ambitions. The extremely fine, line-shaped surface impresses with its elegance. LINIT Cord surprises with appealing optical effects when viewed at different angles.



LINIT Primasolar

LINIT Primasolar is an expressive surface structure especially developed by LAMBERTS, which, when mounted horizontally, serves as a seasonal shade and guides the light into the depths of a room. Unique on the cast glass market, Linit Primasolar also provides interesting lighting effects and unexpected optical illusions.



LINIT Ice

LINIT Ice is a new surface structure from LAMBERTS which recreates the aesthetic of ice, particularly when the glass is dulled on the inside. LINIT Ice is perfect for applications where as little transparency as possible is desired.



LINIT Magic

LINIT Magico is a pattern by Lamberts distinguished by its very finely corrugated surface structure. Objects almost entirely disappear behind this glass surface, which results in a truly unique effect and almost magical visual appearance.



LINIT Moiré

The basis of Linit Moiré is that of LINIT Solar, which impresses through its fine, silk-like appearance. LINIT Moiré enhances this elegant effect through a vertical timeless line pattern, which creates the impression of waves within the glass, adding more depth and structure to buildings and facades.



LINIT Ceramic Colours

Burning ceramic colours into the inside of the glass allows for LINIT facades in a variety of RAL-colours (from white to orange and black) with more or less translucency. For planners and constructors who prefer the whitish colour of so-called etched/frosted glass, a special kind of LINIT colour is also available, emulating the appearance of etched glass on the basis of ceramic colours.



Project References

Caesar's Bluewaters Resort Dubai



Project References

College of Engineering and Petroleum, Kuwait



Project References

DIFC Gate Avenue, Dubai



Project References

Cleveland Clinic, Dubai



Project References

JBR The Beach, Dubai



Project References

Arzhana Clinic, Dubai



Project References

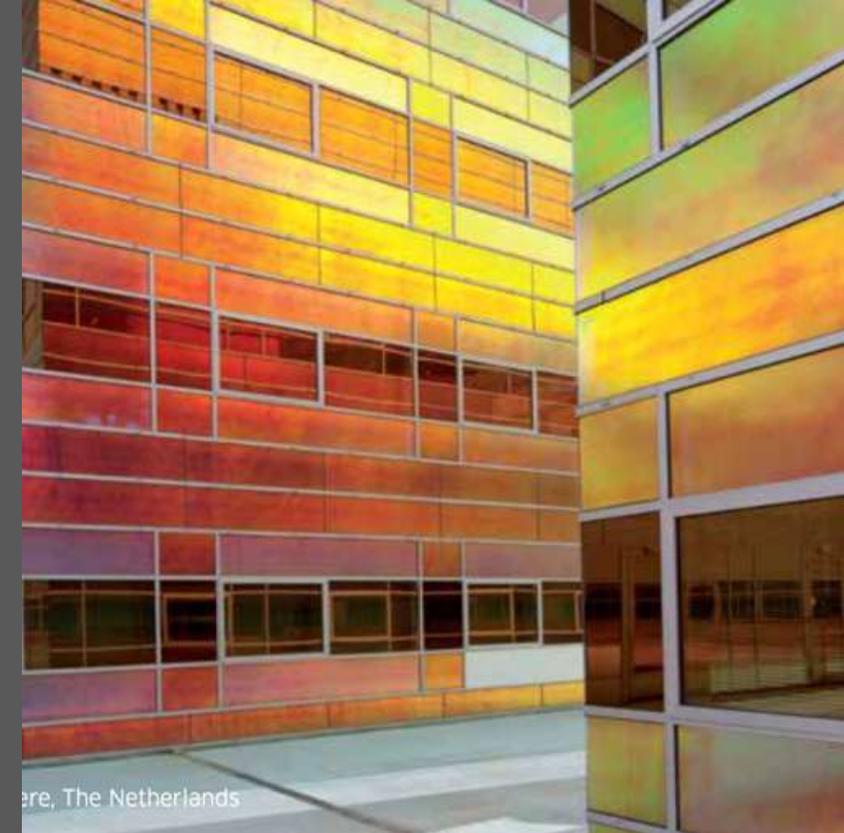
CityWalk, Dubai

Dichroic Interlayers

Dichroic interlayers in width of 1400 mm, 1800mm or less, can be laminated with Low Iron Glass, incorporated with insulating glass unit, or combined with solar control glass in order to achieve stunning colour effects and performance.

The interlayers create an occasionally intangible mix of form, volume, function that can be breath-taking, depending on the light source and viewing angle. By creating a spectrum of colours, these interlayers truly bring a building to life.





Specialist Metalized Interlayers

Metalized interlayers are incorporated with low iron glass or normal float glass to achieve effects visible both inside and outdoor, where the appearance is reflective (gold, silver or blue) to soothing light grey or even clear.

These metalized interlayers optimise thermal performance, reducing heat absorption through glazed areas while allowing daylight to penetrate into the building.

These interlayers can form a part of double-glazed units combined with multifunctional coated glass to achieve higher solar performance.



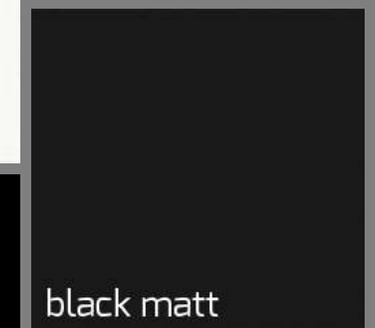
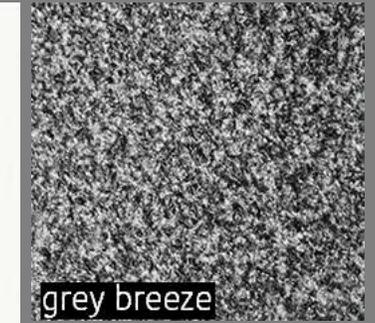
Stoneglass

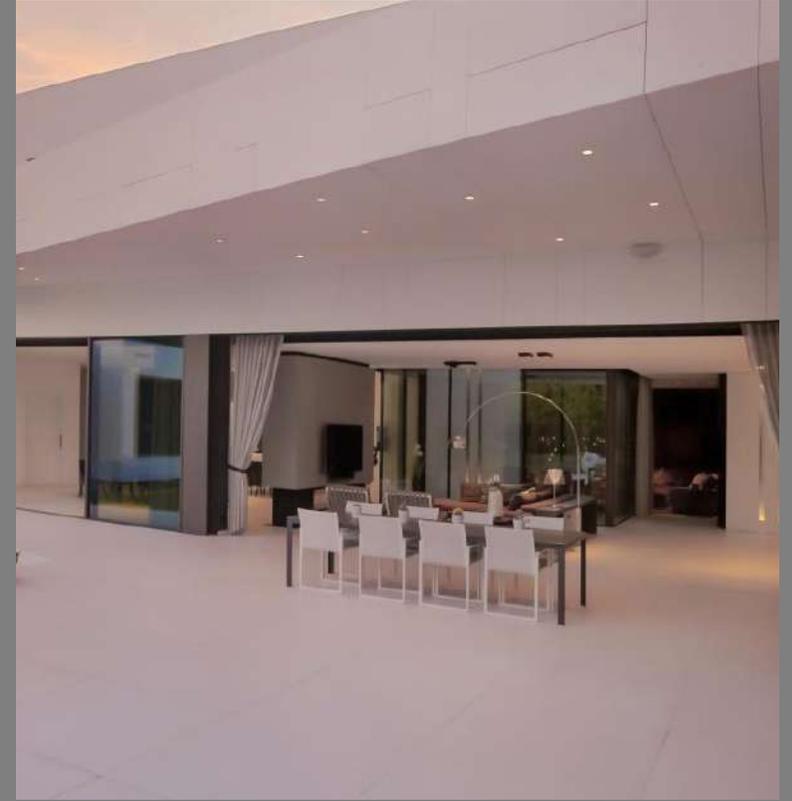
STONEGLASS combines the resilience and ductility of glass with the strength and visual impact of marble. This chic, rich and modern product is manufactured through the process of melting and crystallization of silicon particles, a process derived from the natural formation of granite.

Its translucency means that **light is evenly reflected**, giving the surface an attractive shine. Harder and stronger than natural stone, Stoneglass succeeds in combining **strength and lightness**, as required by the most advanced construction principles. Stoneglass is also **completely recyclable**. These features make Stoneglass a smart choice for **a number of applications, ranging from flooring to facades and everything in between.**

STONEGLASS™

Products





Ventilated Façades



Flooring and Walls



Kitchens



Stoneglass 3D

The latest addition to the **STONEGLASS** family, **STONEGLASS 3D** is treated digitally with ink-jet technology. Unlike traditional techniques, to create **STONEGLASS 3D** the material is placed at very high temperatures (approx..1000 °C) which allow the colour to penetrate inside becoming an integral part and increasing its hardness.

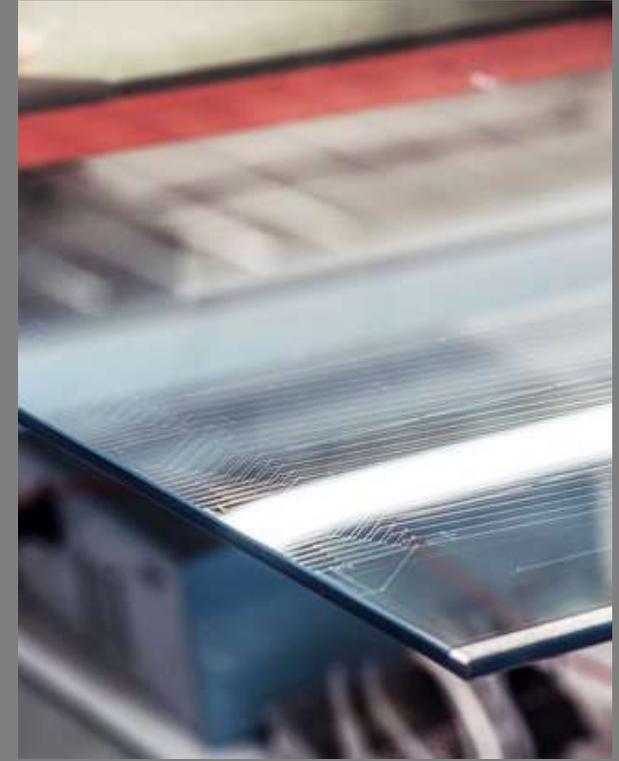
STONEGLASS 3D maintains the qualities of glass (it does not absorb, does not stain, is not porous but is bendable) and combines them with the beauty and charm of marble and natural stones with a photorealistic resolution.



Peter Platz Spezial Glas

Peter Platz Spezial Glas specialises in processing technical glass. Founded in 2014, it draws on a family tradition in the field of glass processing that stretches back decades. At their site in Wiehl-Bomig near Cologne, a team of engineers, technicians and craftspeople develop functional glazing that complies with the highest standards of quality. Each new project is approached with years of experience in glass processing and a continued dedication to innovation.

PETER PLATZ
SPEZIALGLAS GMBH



Powerglass

The **Powerglass** range offers individual laminated LED glass solutions for sophisticated projects and can be used as a design element or to set stunning visual marks by creating a media façade for indoor and outdoor use.

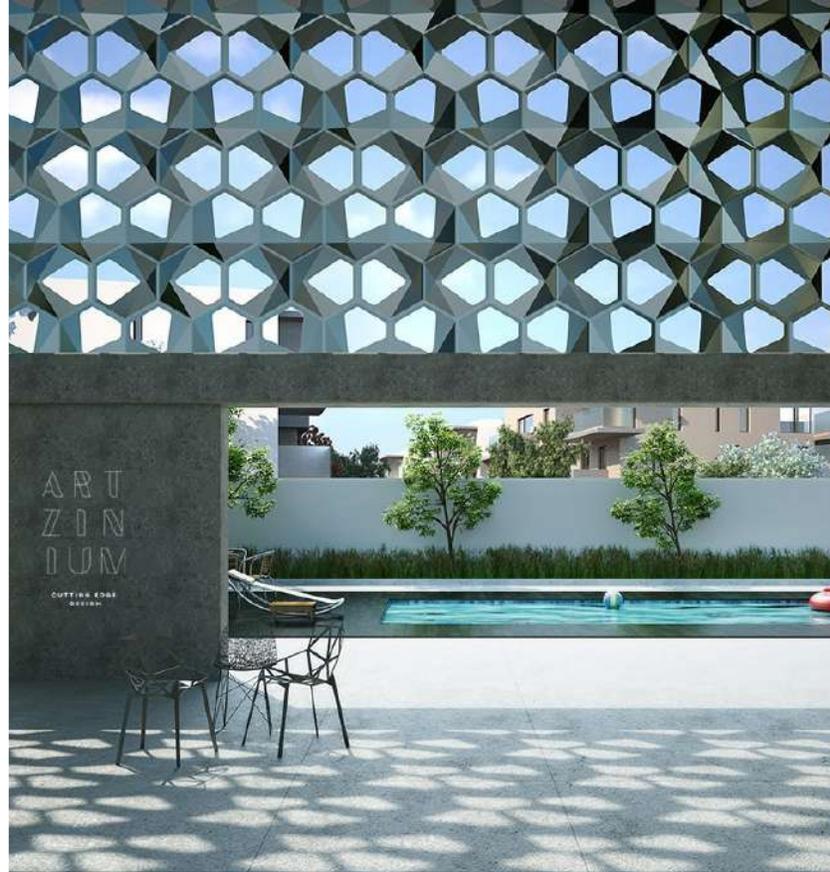
LED lighting inside the resin laminated glass are activated through invisible circuits on glass surface within. Nearly any number and distance of LEDs is possible. Two contact bars, usually located along the long glass edges, are used to electrify the conductive glass surface in addition to an external power supply. The diodes embedded in cast resin composites emit light. They are **protected within the composite, powered wirelessly, radiate light on both sides** and can be **variously positioned** within the panel.



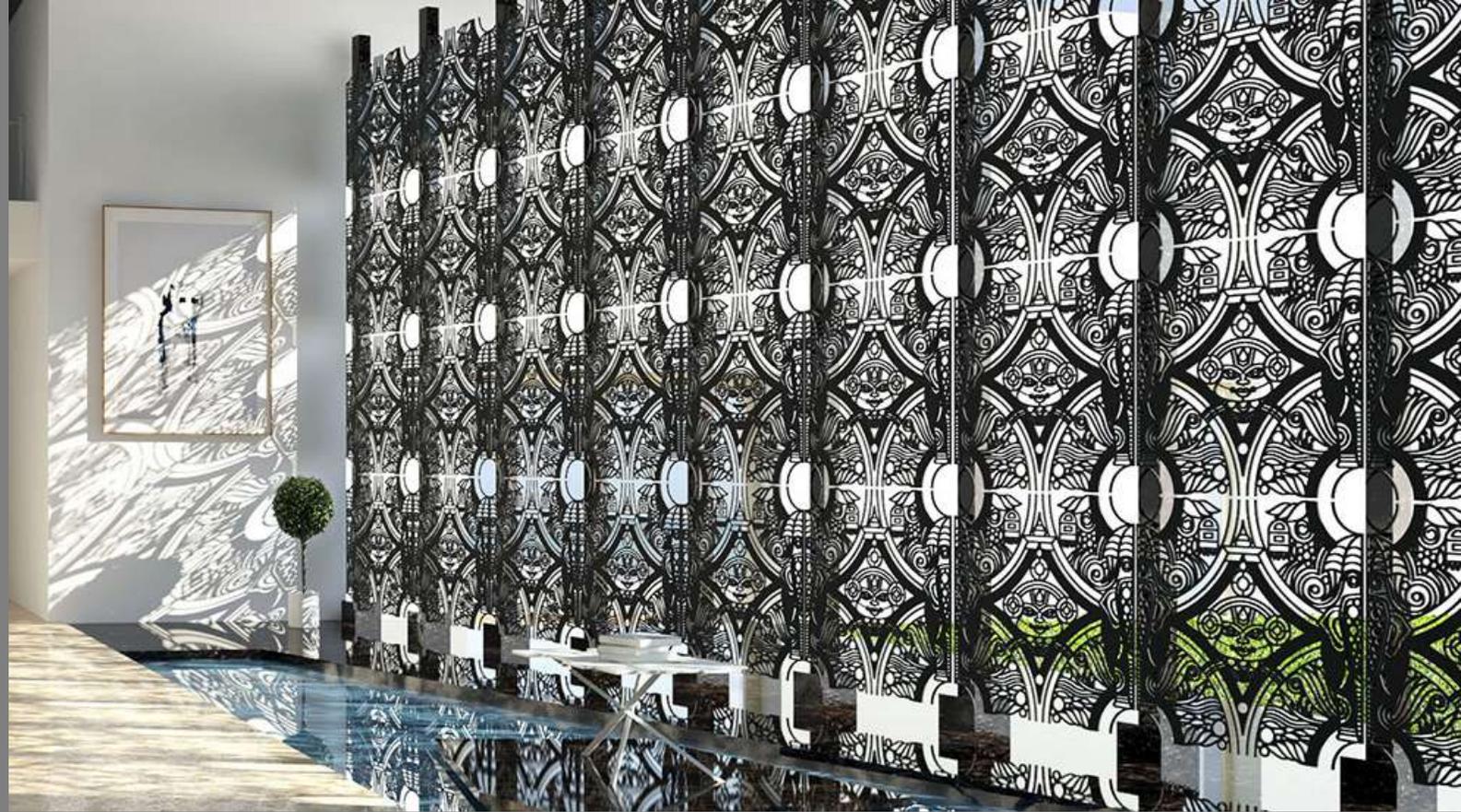
Displayglass

The Displayglass range comprises anti-glare solutions for use in displays, ranging from one-sided anti-glare shielding glass for plasma screens and customised heated glass combinations to the assembly of laminated glass solutions for touch screens. To avoid disturbing reflections on displays Displayglass with the following options are available: anti-reflective, EMC-shielding/shielding glass or highly transparent heating glass, as well as a shatterproof construction.

EMC Shielding Glasses close house openings with a highly-transparent conductive coating on the inner surface of the glass pane. The construction without wire mesh provides a crystal-clear view on the screen. **Heating Glass** is transparent glass which offers flat heating without visible wires. The heating works on the whole glass area in front of the display.

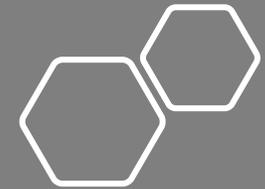


Metal Elements



Artzinium Mashrabiya

The exquisite décor products are the height of craftsmanship, created by a team of experienced and proficient designers, engineers, architects, artists, foundrymen and fabricators. ARTZINIUM offers a wide range of products, such as aluminium mashrabiya – a new take on traditional Arabic architecture, decorative screen panels, whose grid-like structure enhances ventilation and lighting, perforated panels known for their malleability, and aluminium dividers, which create intimacy and added style in large interiors.



ART
ZINI
UM

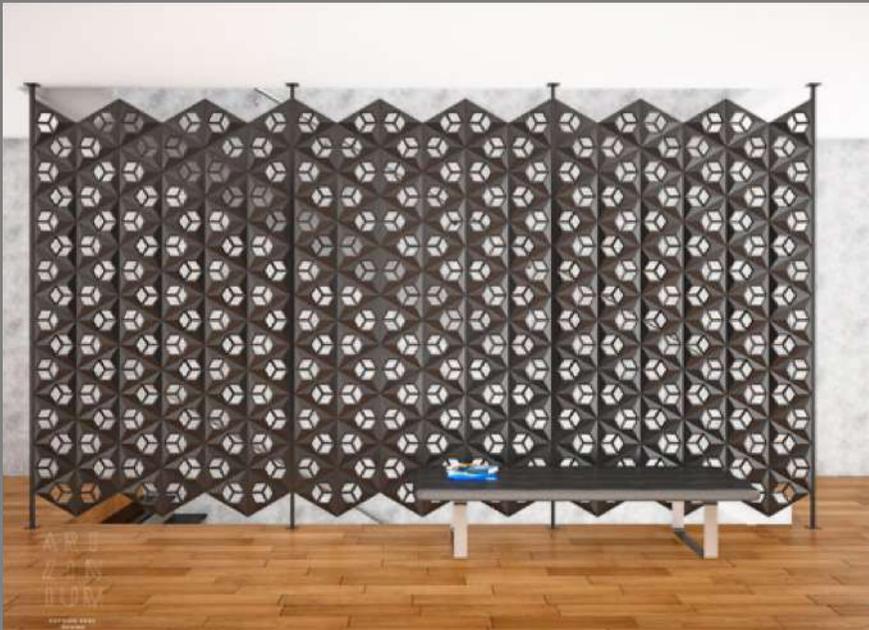
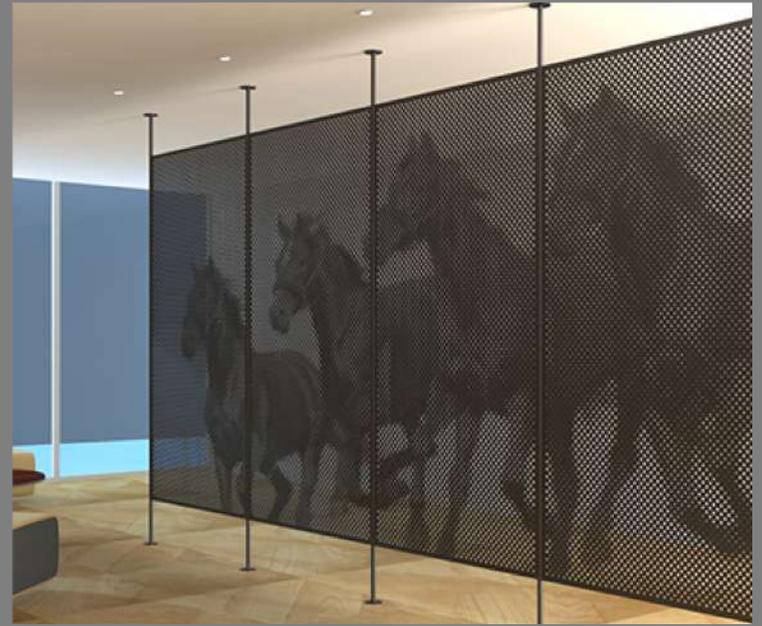
ARTZINIUM



Decorative Screens

ART
ZIN
TUM

ART
ZIN
TUM



Partitions

ART
ZINI
UM

ARTZINIUM



Perforated Panels



Haver & Boecker Wire Mesh

Haver & Boecker Architectural Mesh transforms the appearance of any exterior façade, creating individual character to make any building unique. The variety of wire mesh, colour design, customized solutions for mounting systems, and the option of a Transparent Media Façade offer you infinite freedom to create your individual project.

HAYER & BOECKER



DIE DRAHTWEBER

Benefits

The benefits of woven wire mesh are many: the transparency of architectural mesh provides **natural ventilation**, a customised version of which can also be achieved to match project-specific requirements. Modern glass architecture requires **effective protection against sunlight**. Woven Wire Mesh can be utilized to filter sunrays, creating an aesthetic sun protection screen while maintain a cool, comfortable temperature in the area behind it. The corrosion-resistant stainless steel and suitable mounting technology makes Architectural Wire Mesh a **durable** and virtually **maintenance-free** choice. Architectural Wire Mesh is **non-flammable** and meets the highest demands for fire safety.

HAYER & BOECKER



DIE DRAHTWEBER



Coloured Woven Wire Mesh

Architectural Wire Mesh is often used with a stainless steel look, however there are numerous options available for colouring.

HAYER & BOECKER



DIE DRAHTWEBER



3D Mesh

Haver & Boecker's high-quality 3D mesh consists of pre-assembled and pre-finished stainless steel mesh elements, providing a dynamic relief that is visually attractive, ensuring that any building that uses it as cladding will stand out.

HAYER & BOECKER



DIE DRAHTWEBER



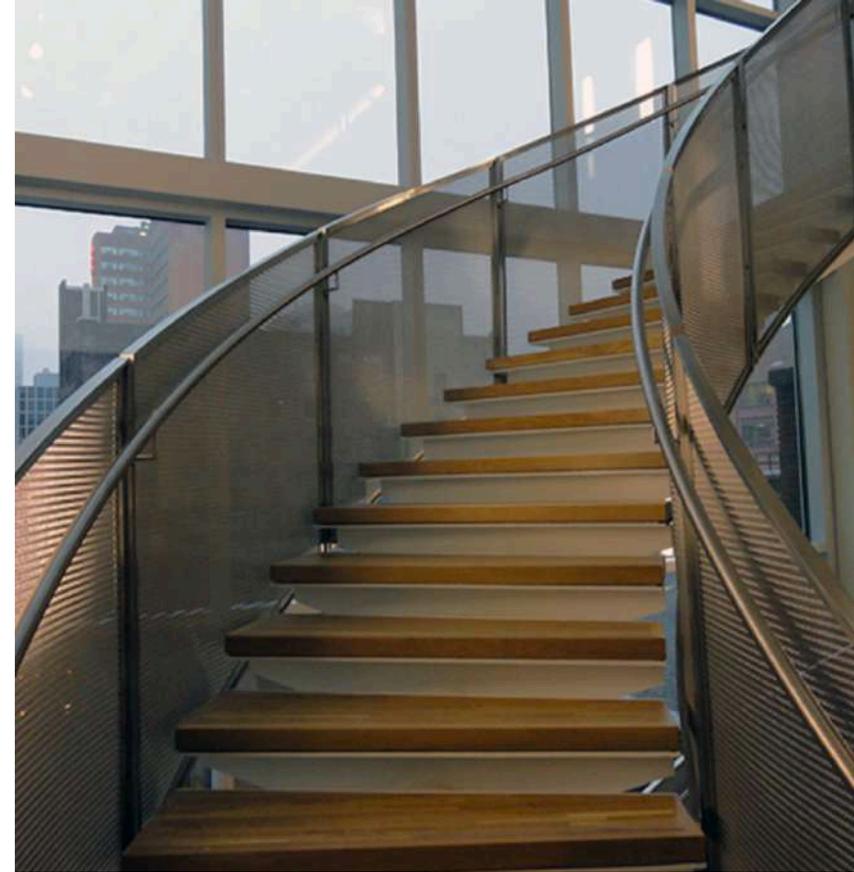
Wall Claddings

The versatility, stability and intricate optical properties make Architectural Mesh the ideal material for designing interior walls or balustrades and guardrails.

HAVER & BOECKER



DIE DRAHTWEBER



Balustrades

HAVER & BOECKER



DIE DRAHTWEBER



Optimised Room Acoustics

Haver & Boecker Architectural Mesh can be used as wall or ceiling cladding can also be used to optimise room acoustics. Equipped with state-of-the-art acoustic material, wire mesh has brilliant sound absorbing effects. The functional sound absorbing material is hidden behind the high-class mesh.

HAYER & BOECKER



DIE DRAHTWEBER

Ceiling Design Systems

The system **SUSPENSE** by Haver & Boecker Architectural Mesh is perfect for **suspended ceilings** that elevate and personalise an interior design. **2/3-D forms** can be realized using woven stainless steel, copper, bronze or aluminium.

The selection of different mesh types means there are almost no limits in the design of ceiling lining. The suspended ceiling system is durable, easy to install and low maintenance, an attractive solution for both renovation and modernization projects.

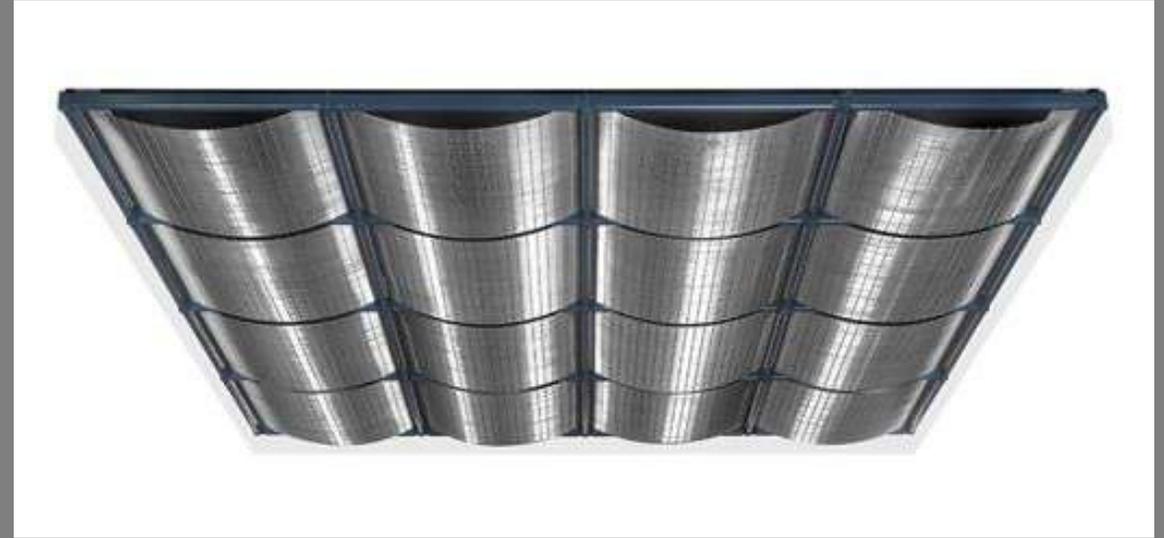
The **SUSPENSE** system comes in three alternative designs: **Convex**, **Ondula** and **Plano**. Whether in convex or concave waves, in strained tracks or cassettes, architectural wire mesh can be used in spaces large or small.



HAVER & BOECKER



DIE DRAHTWEBER

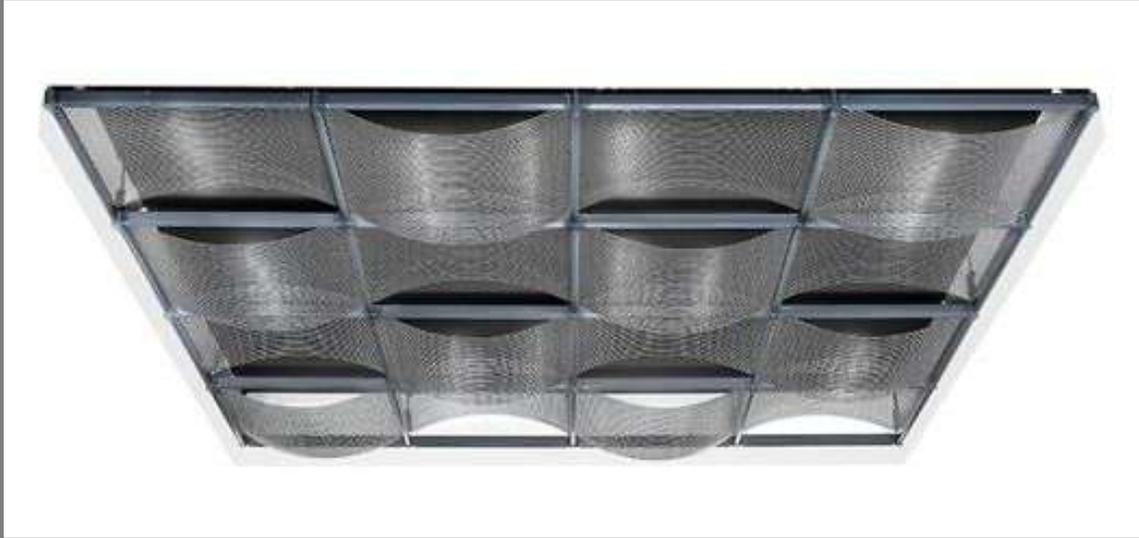


Convex

HAVER & BOECKER



DIE DRAHTWEBER



Ondula

HAVER & BOECKER



DIE DRAHTWEBER

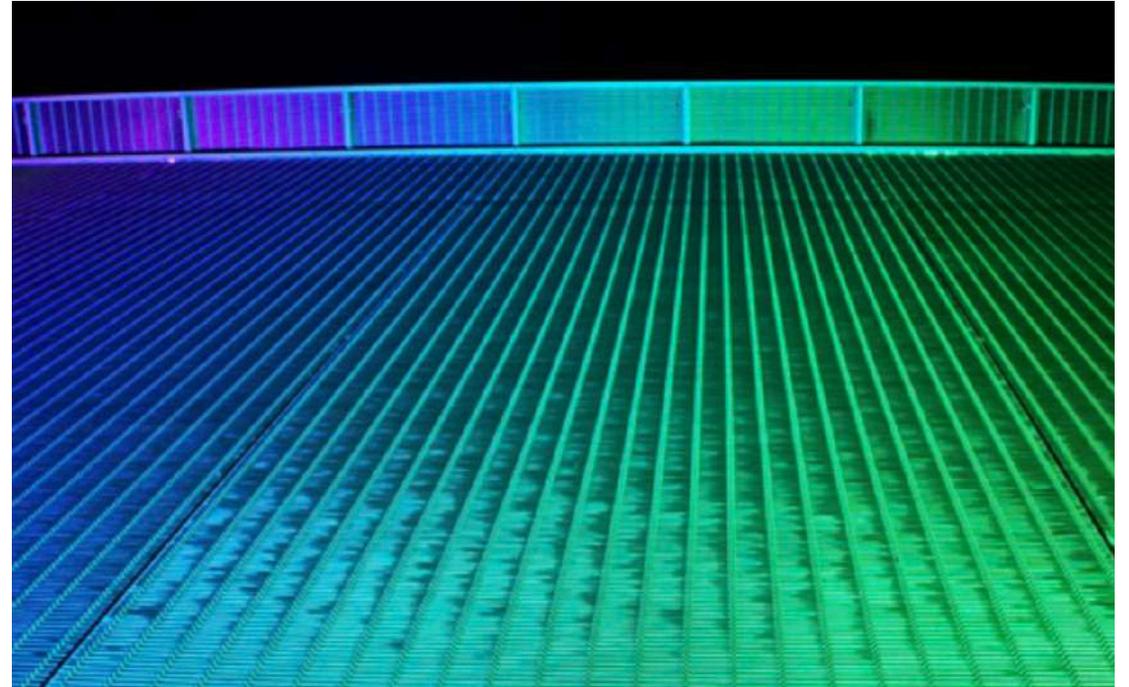


Plano

HAVER & BOECKER



DIE DRAHTWEBER



Illuminated Façades

HAVER & BOECKER



DIE DRAHTWEBER

Haver & Boecker' **Illuminated Architectural Mesh** provides a beautiful transparent stainless steel façade by day and a vibrant veil of colour by night. In darkness a seemingly static mesh façade is transformed into a **dynamic wall of light**, which appears to move harmoniously with the position and movement of the viewer. The presentation of vibrant colour and lighting displays can be programmed individually. Virtually any colour can be created offering complete artistic freedom, whether it's completely submerging the façade in one single colour or illuminating with individual lighting effects



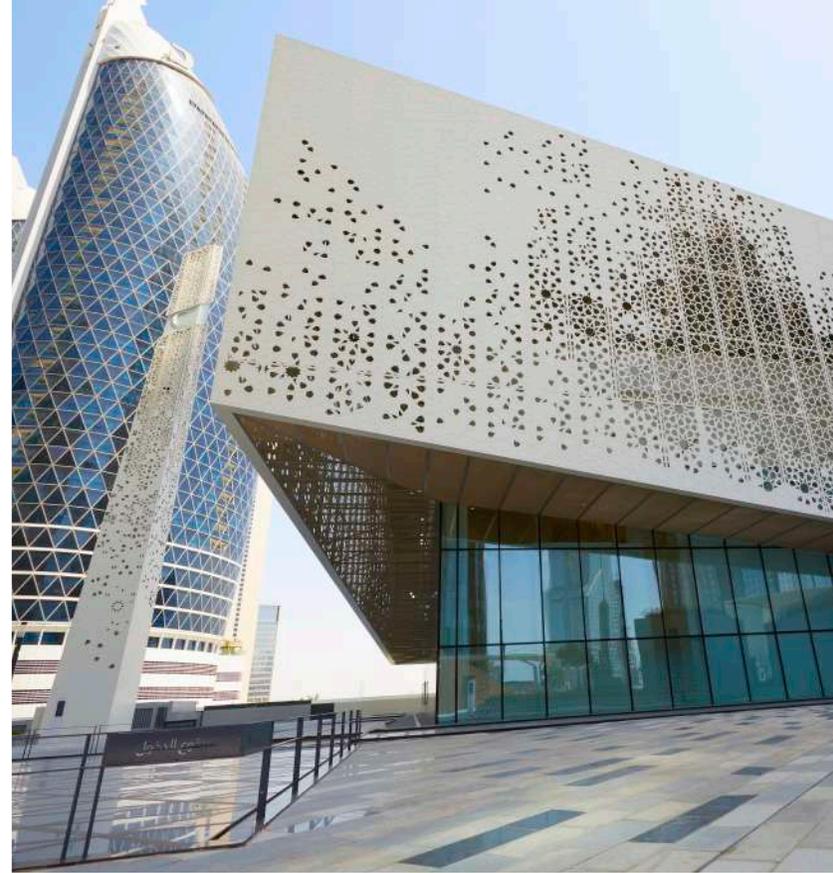
Transparent Media Façade Imagic Weave

The Transparent Media Façade IMAGIC WEAVE® ID allows the display from moving patterns to high-resolution video content on new or existing façades. The Media Façade combines the metallic elegance of Haver & Boecker Architectural Mesh with the wow-factor of latest LED technology from InventDesign. Unlike non-transparent systems, the video content shown is particularly transparent and appears to hover in front of the façade without completely obscuring it.

HAVER & BOECKER



DIE DRAHTWEBER



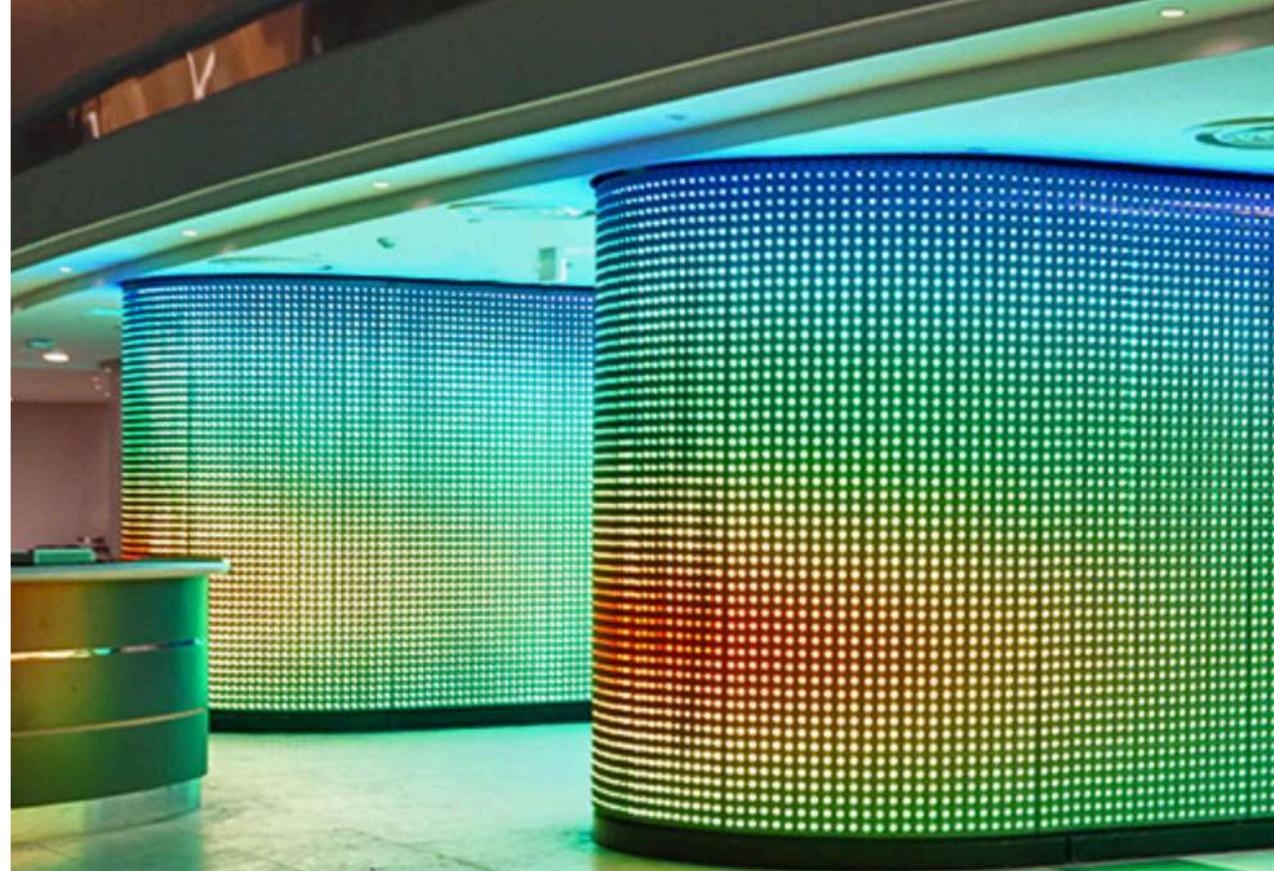
Project References

DIFC Gate Mosque, Dubai



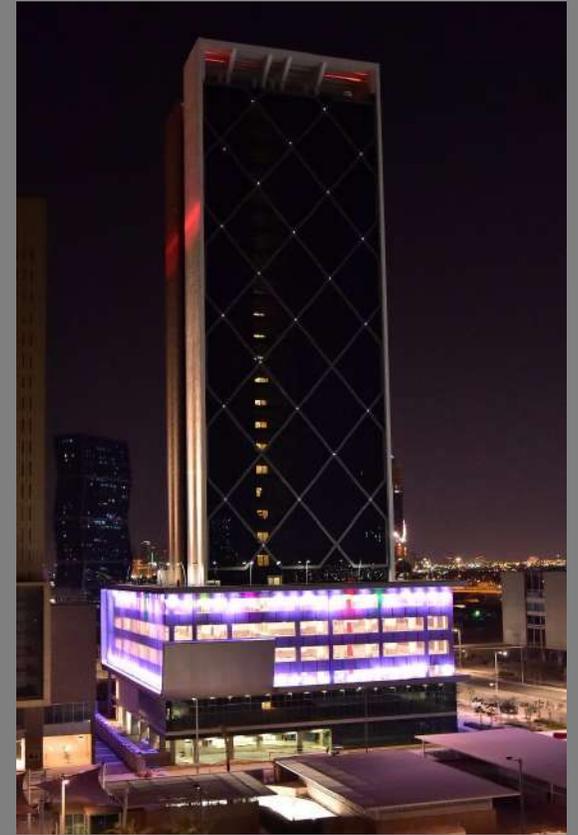
Project References

Al Naeem Mall, Ras Al Khaimah



Project References

Al Sadd Sports Club, Doha



Project References

Al Sendian Tower, Qatar



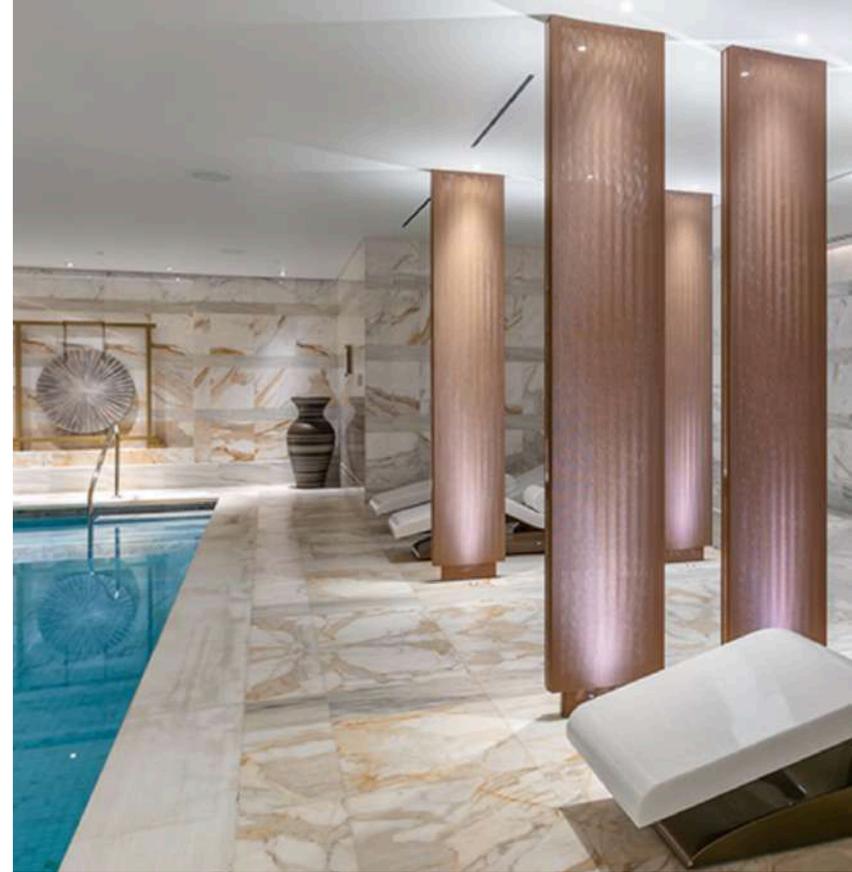
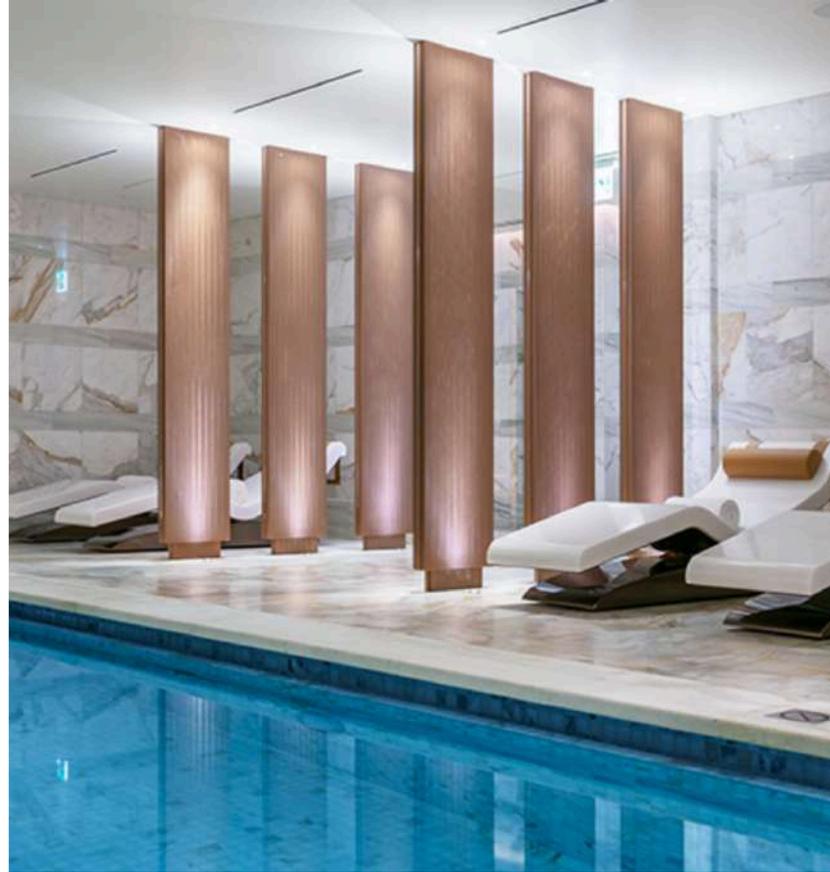
Project References

Aspire Torch Tower, Doha



Project References

Dubai Hills



Project References

Mandarin Oriental Hotel



Project References

Qatar National Convention Centre



Project References

ONGC Offices, Delhi



Rau Expanded Metal Panels

RAU Streckgitter's know-how in manufacturing expanded metal panels is unrivalled, whether it be out of steel and aluminium (material thickness of 0.10 – 5mm) stainless steel (up to 3 mm), aluminium, brass, copper, silver or gold.

RAU offers a variety of procedures for treating the different surfaces, including anodizing, powder coating, hot-dip galvanizing, galvanizing, and special coatings upon request. Panels can be made in circular and formed shapes or customised to drawings. Specific colours for powder coating are also available across the entire range of RAL colours.

RAU's Expanded Metal Panels and Systems can be applied to building façades, balustrades, ceilings and 3D ceilings.



Building Façades



Balustrades



Ceilings



Project References

Marina Gate Residences



Project References

Manyata Tech Park, Bangalore



Project References

Dubai Mall Zabeel Expansion



meeting expectations



Project References

Tiarra Tower, Dubai



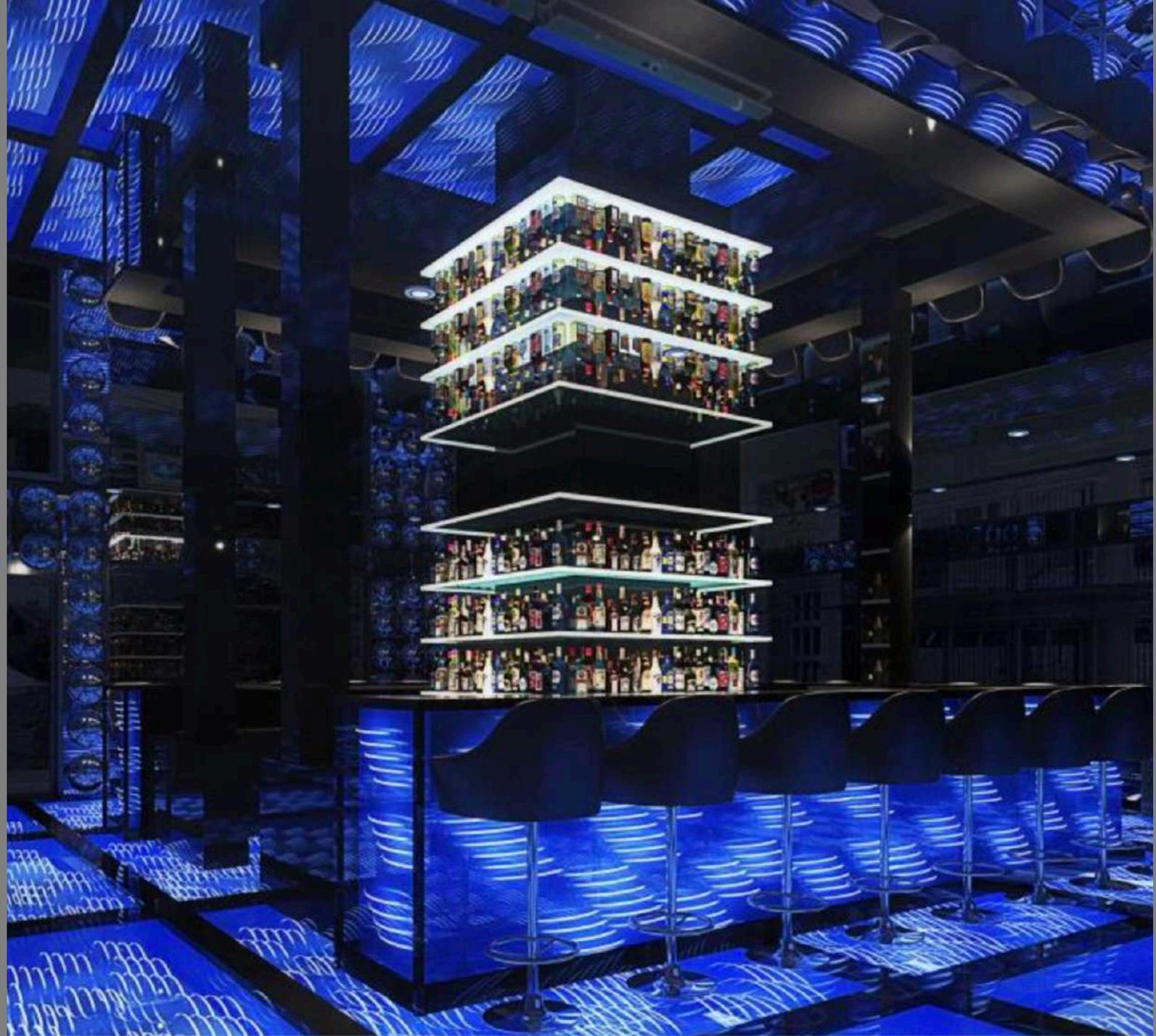
Project References

Avenues Mall, Silicon Oasis

Lumière Lux 3D Lighting Systems

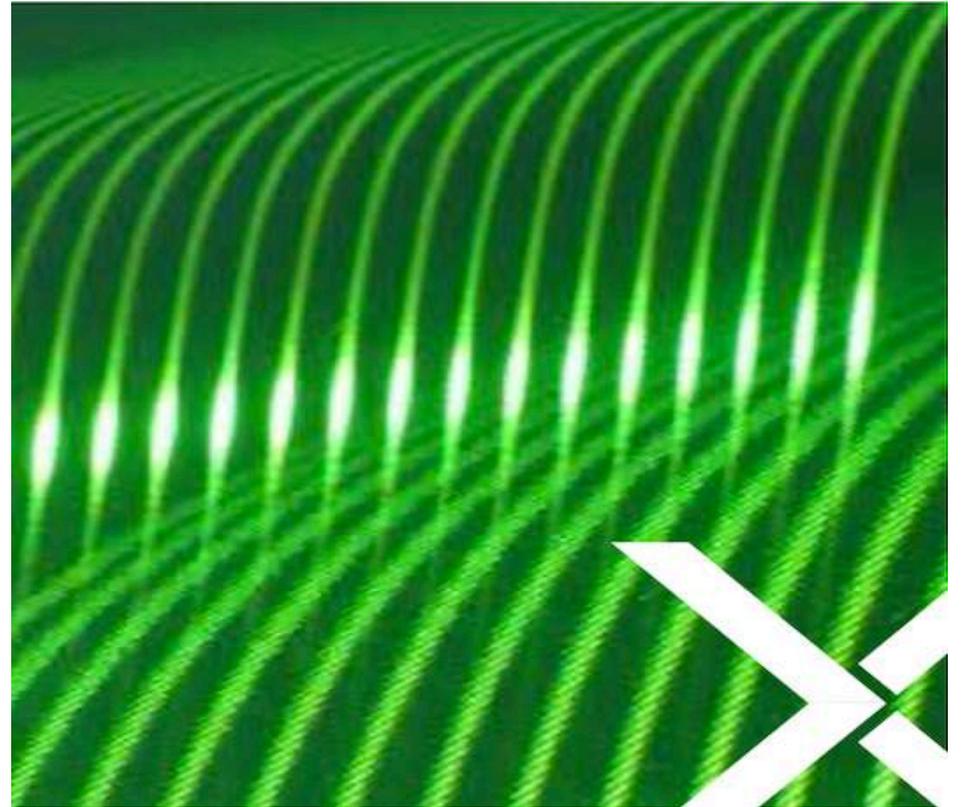
LUMIÈRE LUX Three-dimensional light structures fascinate like the Northern or Southern Lights do. These 3D light structures break through the confines of spaces to create an optical depth that expands even the narrowest areas.

Depending on the choice of fabric, you can either eliminate the position of the light source or define its exact position, thereby allowing a sense of space beyond the dimensions of the room. The combination is further enhanced through the use of RGB LED combinations. Whether it be a lift enclosure, a ceiling panel or simply wall décor, the enclosed space is completely reconfigured. The applications of LUMIÈRE LUX are manifold: kitchens, bedrooms, lounge furnishings, or as complete ceiling panels.



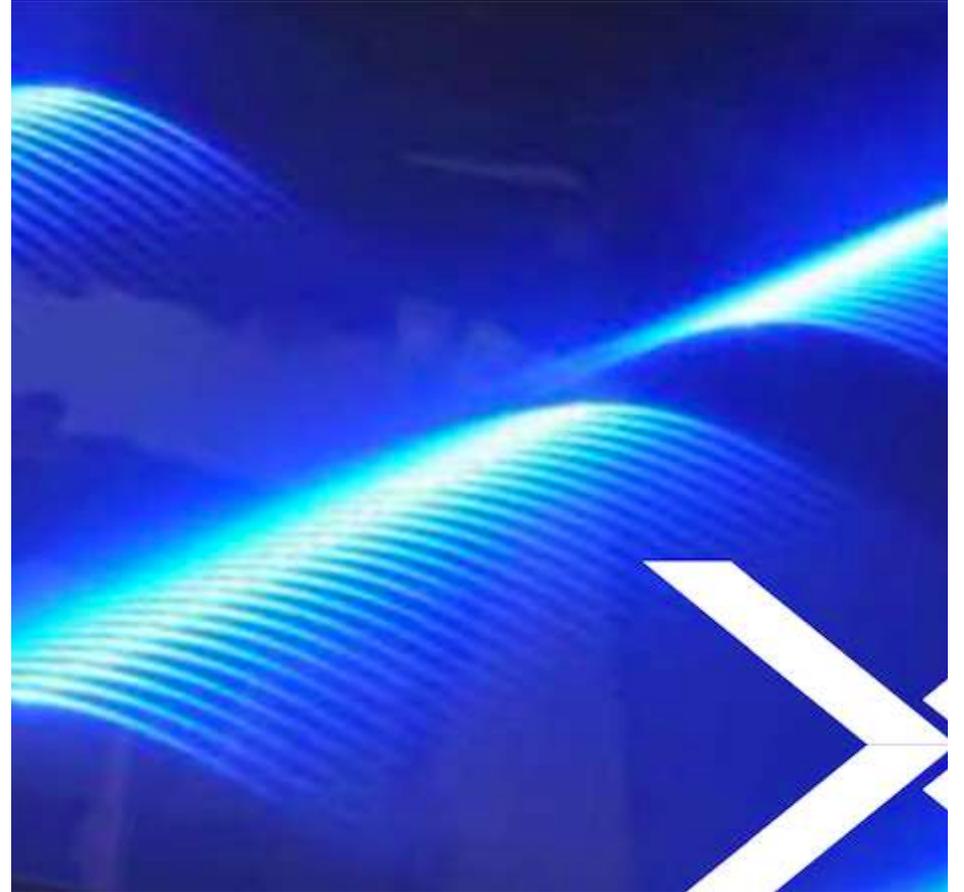
Mood 3D Laminates

LUMIÈRE LUX Mood Laminates provide mesmerising 3D depth in combination with LEDs; the clarity of the material leaves a lasting impression. A wide variety of finishes are available either embedded in glass or in acrylic.



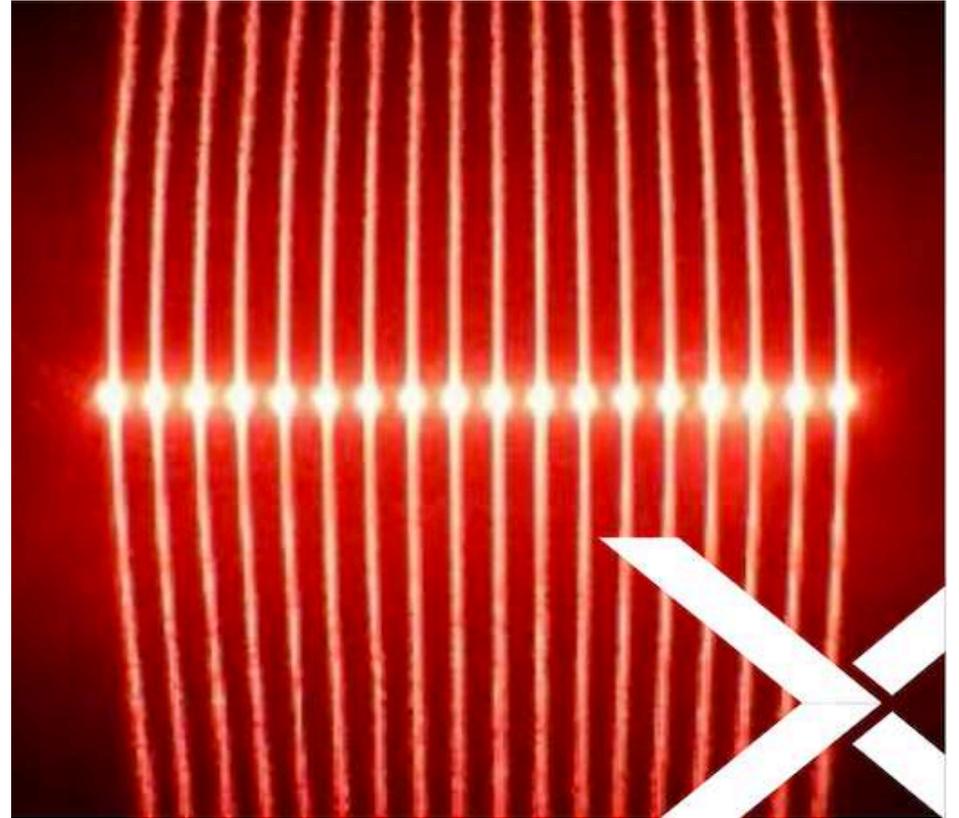
Magic 3D Laminates

High-quality laminates of LUMIÈRE LUX Magic shine through the laminates. Exposed to parallel lights, the material creates different illuminated shapes, depending on the laminate arrangement, distance and angle of viewing. These laminates have strong three-dimensional effects, lending an appearance of depth that expands beyond the installation space. The colour of light structures can be varied using RGB LEDs.



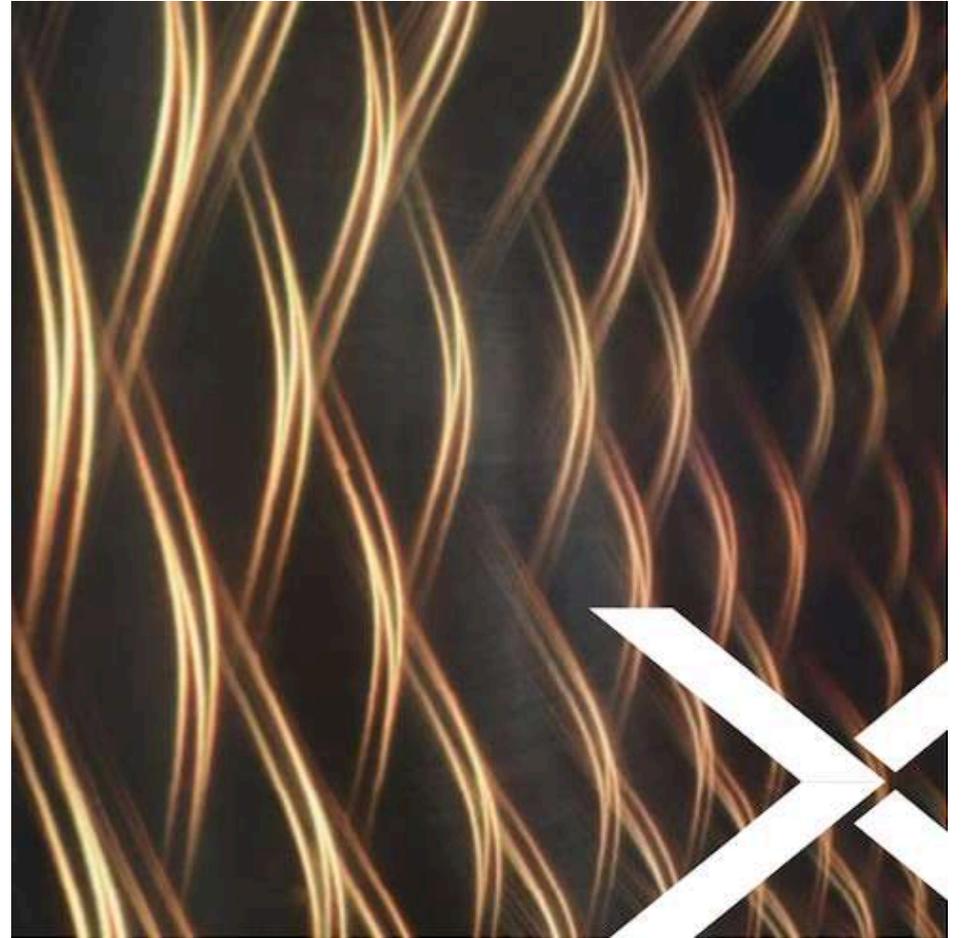
Decolux 3D Laminates

The appearance of depth produced by this special laminate creates a spacious feel even though it occupies only a tiny space. **Decolux Laminates** and LED lights can be configured in tandem to produce riveting 3D shapes.



Miracle 3D Laminates

The Miracle is a special version of LUMIÈRE LUX that conceals sources of light for a subtle three-dimensional effect.

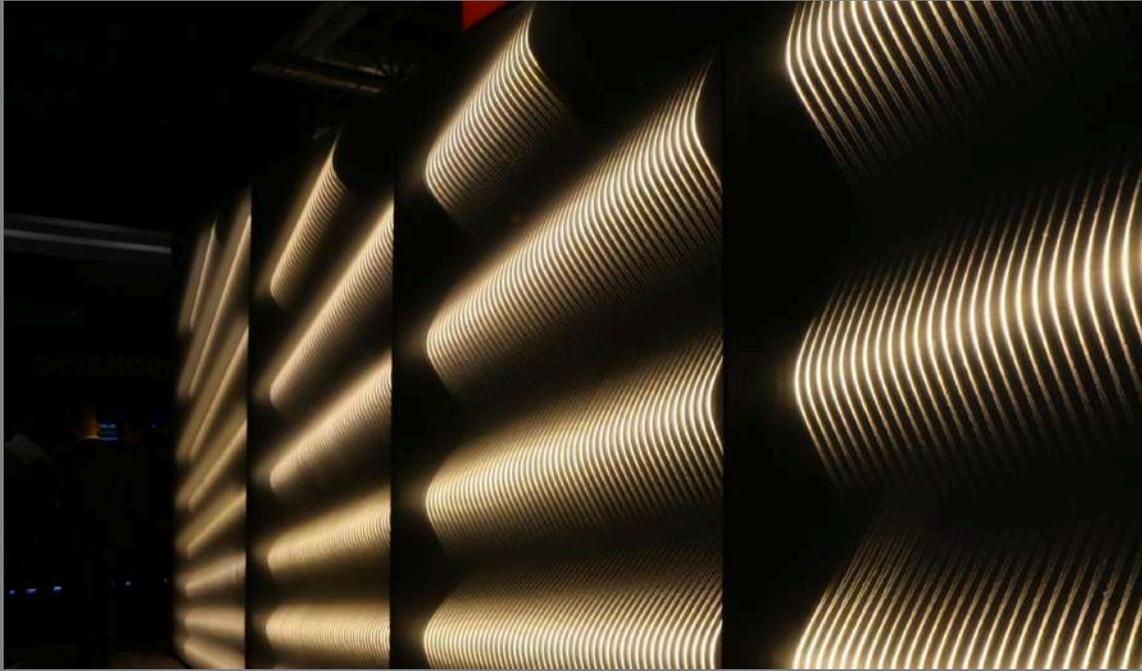




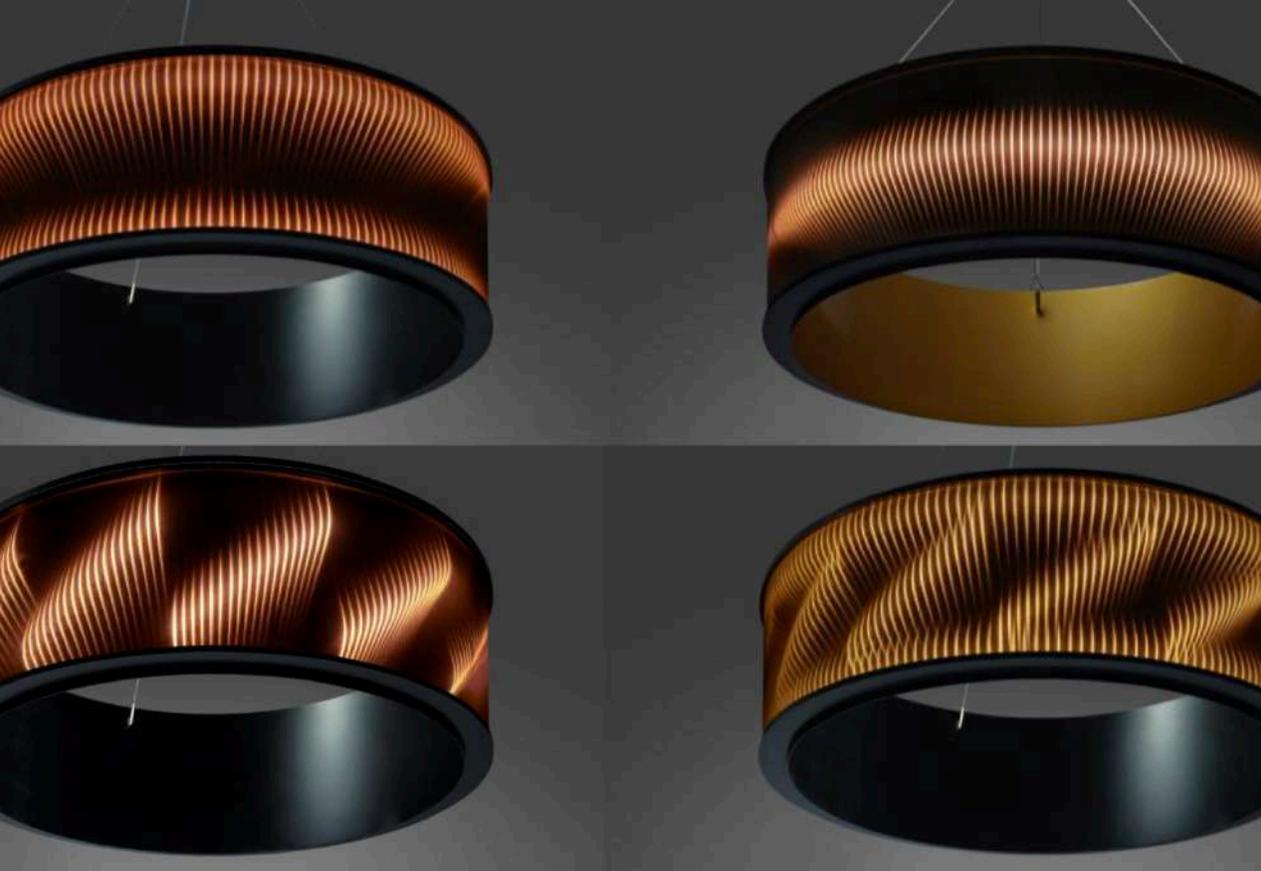
Backdrops



Media Façades



Wall Panels



Lamps



Ceilings



Home Furniture



HEAD QUARTERS

KAPHS S.A.

CH-1820 Montreux
Switzerland
Tel: +41794096741

SINGAPORE

Lisus Technology Pte Ltd.

33 Ubi Avenue 3 #04-71, Vertex Tower A
Singapore 408868
Tel +41 79 4096 741

MIDDLE EAST

KAPHS Middle East Building Materials Trading LLC

Office No: 702, Sobha Ivory 2,
Business Bay, P.O Box: 30731 Dubai,
United Arab Emirates
Tel: +971-4-5542145. Mob: +971-569360379

INDIA

Kaphs Architectural & Aviation Products Pvt. Ltd

E – 78, South Ex. Part – I
New Delhi – 110049
+91 99 44409000 / +41794096741



sales@kaphs.ch

<https://www.kaphssa.com/>