

Signature Designs

We connect the past to the present and evoke emotion through the classic idea of light. Lighting tells the story of a space: setting a tone for the atmosphere, participating in the plot that's unfolding and highlighting the characters within.

We can create unrivaled emotional experiences by combining the traditional artform of chandelier craftsmanship with cutting edge technology. This knowledge is what drives our intention to unveil the symbolic as well as the aesthetic power of decorative lighting. It led us to create Preciosa's Signature Designs which are highlighted by countless customization possibilities to perfectly fit the owner's desires.

Signature Designs are authentic, timeless and celebrate design. We are inspired by the allure of crystal combined with light. Creative craftsmanship is evident through the versatility of each light; customizable for a space and its uses. Preciosa's advanced use of technology is seen in every element of the design. They present contemporary styles with timeless quality.

What makes a Signature Design so strategic is the variations that can be developed. Each one offers unlimited design possibilities including different scales, compositions, colours, materials and surface finishes, construction principles and illumination methods. Signature Designs are a sophisticated solution. They make creating a customized light a convenient and intelligent way to include creative lighting in your design.

Signature Designs enrich the vignette of a space to create unexpected emotions that become etched in people's memories. This is the highest level of chandelier cultivation - to create connecting experiences through light.

Pearl Wave

Pearl Wave's flow is reminiscent of sea waves, and its curving form, the shape of a seashell. Artists have always looked to nature for inspiration and the mysterious depths of the sea simply swell with possibilities. The unpredictability of the ocean also influenced this light. Like the sea moves and flows at will, so too do the contours of Pearl Wave. The light's flexibility of silhouette harmoniously blends into the space, bringing with it the feel of life and motion.

Pearl Wave consists of handmade crystal spheres, preferably made from triplex opal crystal. This chandelier concept can also be installed on yachts when using Preciosa's unique engineering technology and stiff rods for suspension.

At the Monaco Yacht Show in 2018, Pearl Wave was presented as a playful chandelier for yachts with a special interactive feature. The chandelier reacted to the happiness surrounding it; when glasses were cheered in a toast, Pearl Wave responded with a burst, or two, of light. The simple act of clinking glasses brought the chandelier to life. The light echoes the sounds generated by its environment by creating different light effects; the bigger the group at the table, the more people cheer, the more Pearl Wave comes alive. This particular and special moment when the glasses touch each other, creates a sound which is reflected and supported by the light. The chandelier adds to the surroundings, like the perfect background to the music of life.

Preciosa Design Team:

Vasku & Klug

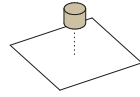
Anežka Zavadová

Marilies Wedl

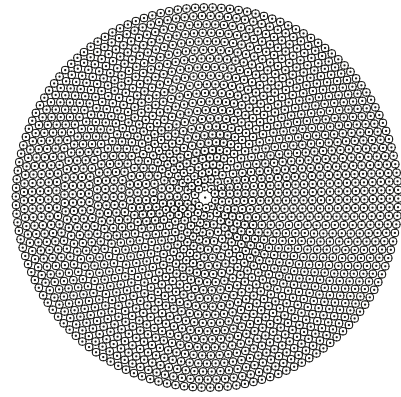


PEARL WAVE

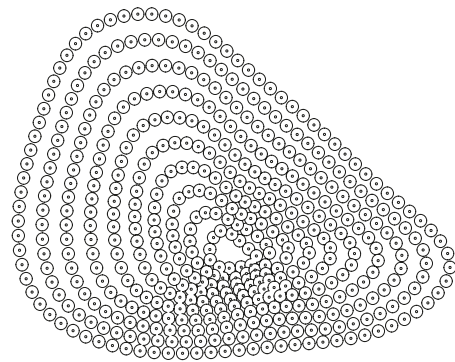
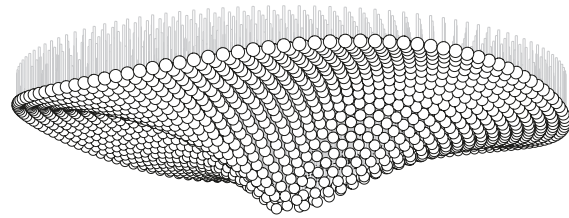
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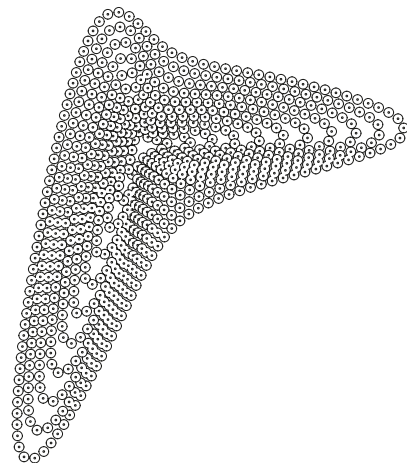
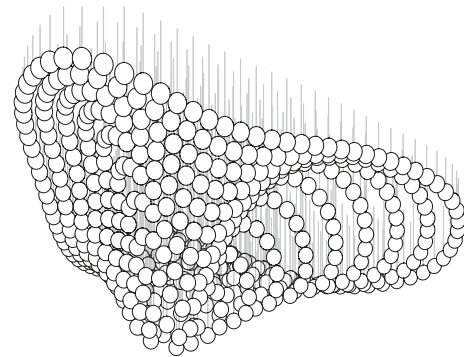
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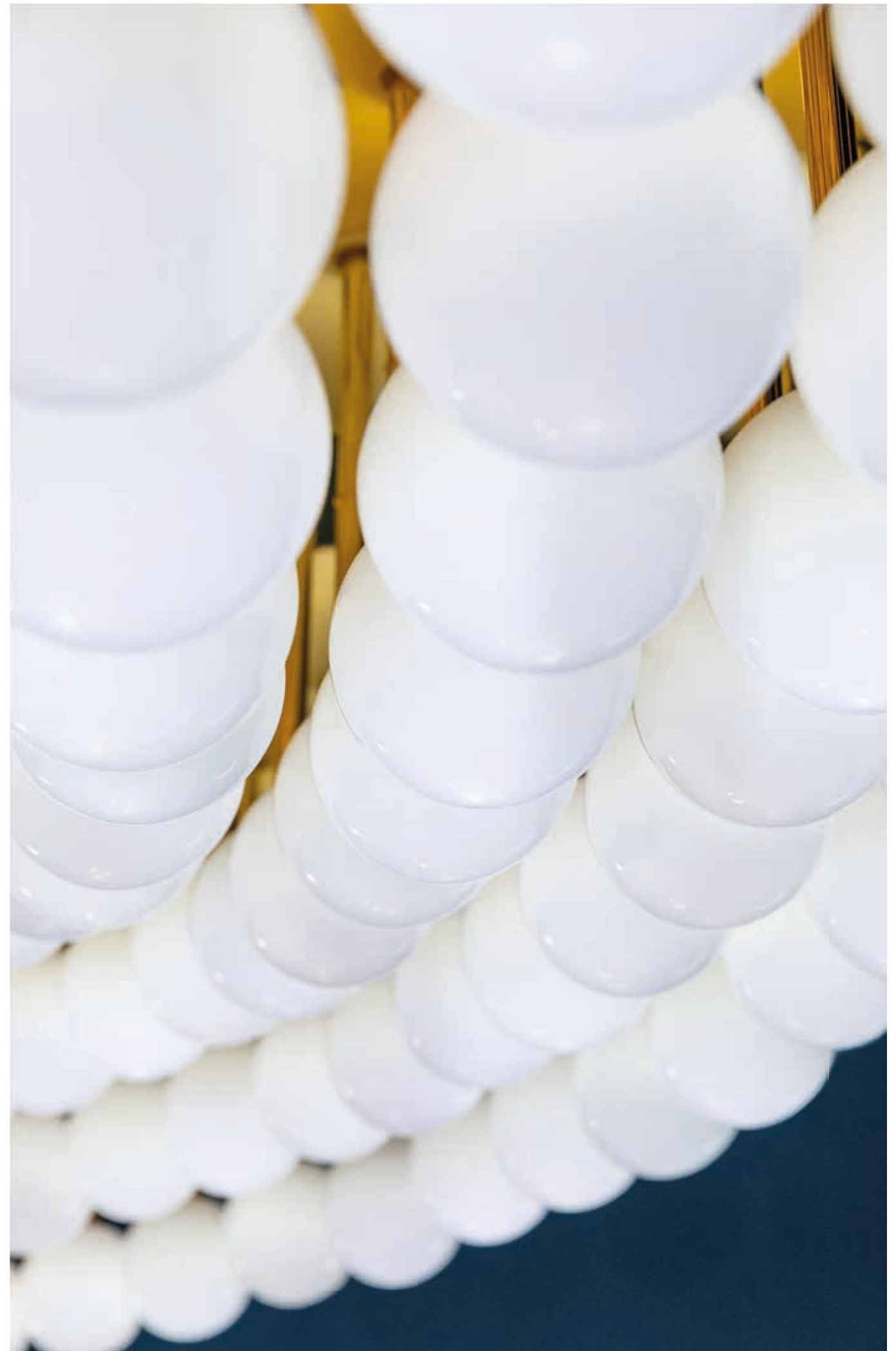
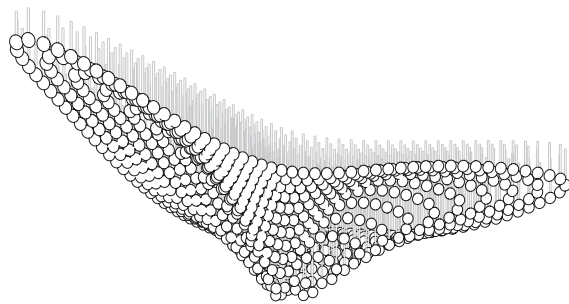
CIRCULAR SHAPE



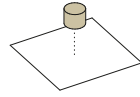
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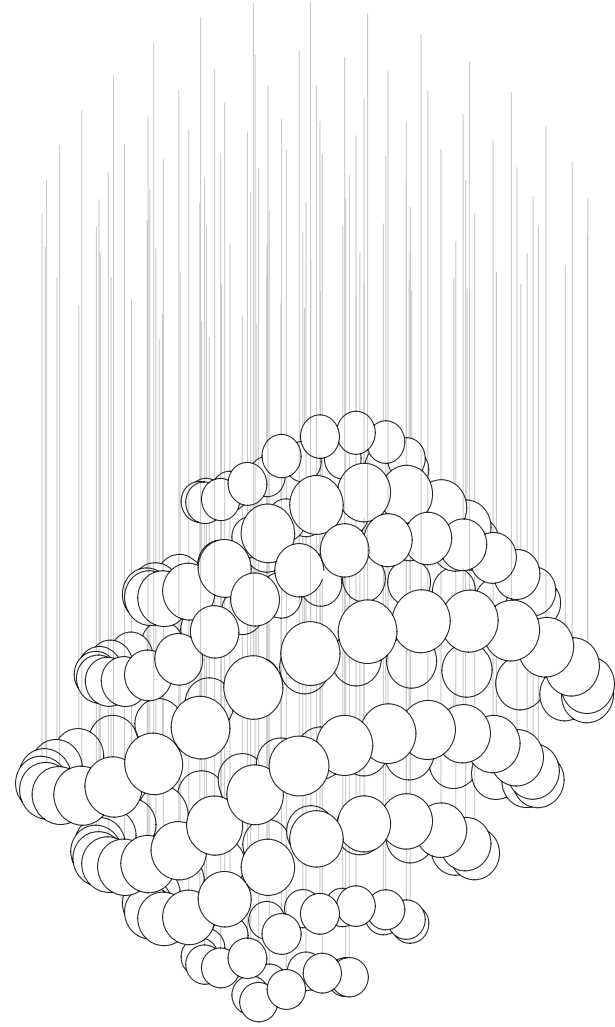
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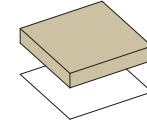
PEARL WAVE



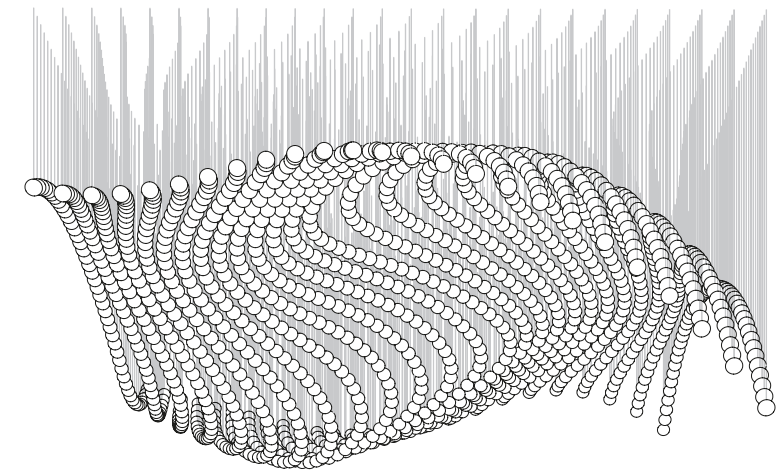
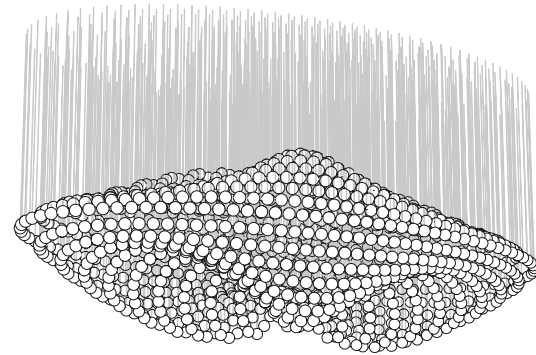
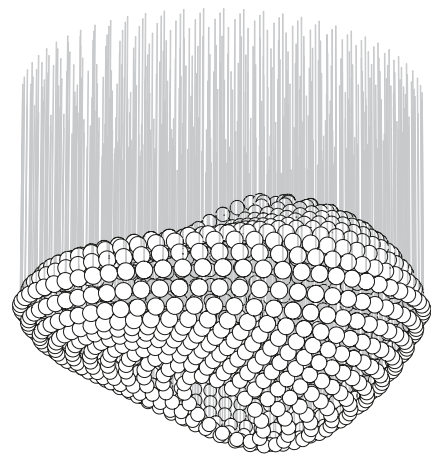
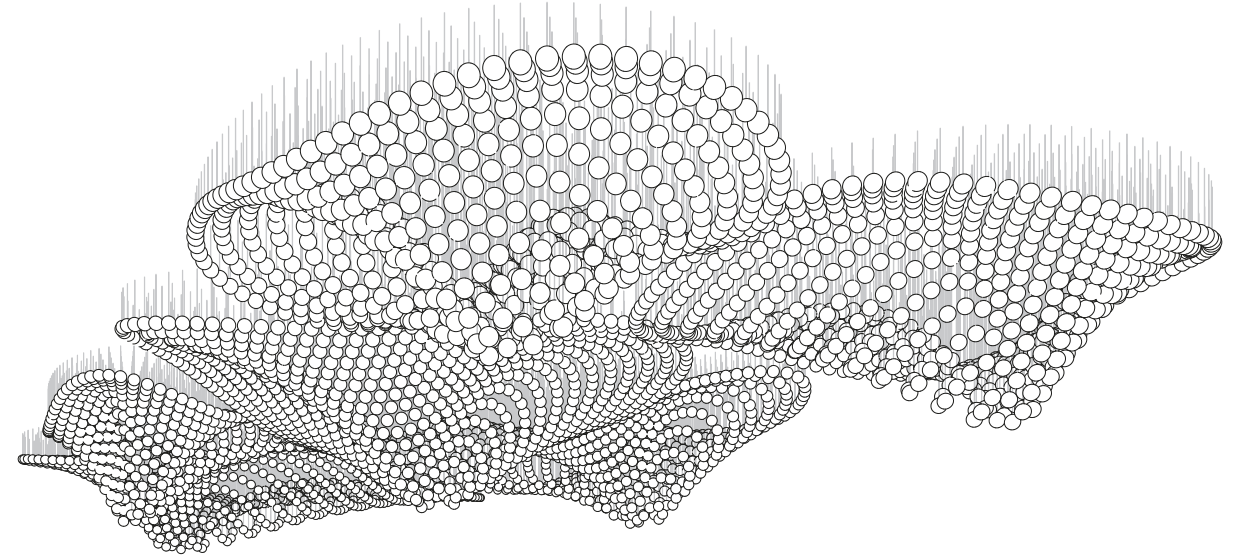
CENTRAL



PEARL WAVE



AREAL



CRYSTAL SPHERES

Some of Preciosa's Signature Designs are based around our exclusive triplex opal component. These pearl-like spheres are a speciality of the Preciosa glass works as not many manufacturers are able to handle the delicate material. The components are distinctive in the fact they are beautiful whether lit or not. The spheres are also captivating elements during the day, under natural lighting conditions.

Triplex opal is a traditional craftsmanship technique of layering three layers of glass on top of one another. Each sphere has a crystal clear core with an opal white layer. On top of these two layers a third crystal clear layer is overlaid which adds to the rich visual depth.

Pearl Wave can be customized using other materials.

Overlaid opal is a traditional craftsmanship technique of layering two layers of glass on top of one another. Each sphere has a coloured glass core with an opal white layer on top. By cutting into the opal layer the coloured glass appears and creates an interesting contrast. It is recommended to use overlaid opal with injected light.

Clear crystal production is the most basic technique and the foundation of all other techniques and shapes. Bohemian crystal glass is very clear, bright and pure which is why it is the best choice for lighting.

Bubbled crystal contains countless little bubbles in each component, which act as multiple reflection elements.

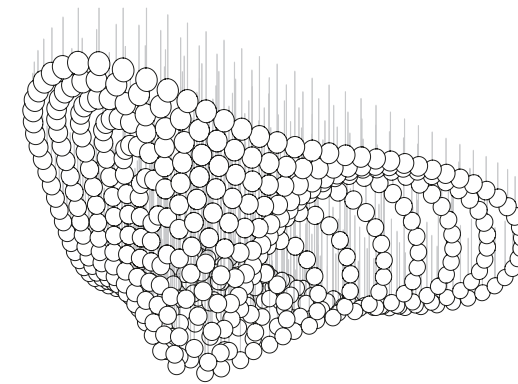
Moulded (optic) decoration is done by manually pressing the optical decor of the mould into the hot glass.

A crackle effect creates an impressive sparkling impression when illuminated from the inside of the sphere. The key to this technique is thermal shock caused by dipping the hot glass into cold water. This creates cracks in the surface layer that are then partially sealed again by reheating.

Chips (Frita) create an impressive sparkling effect when illuminated from the outside of the sphere. The surface of the hot glass sphere is covered by glass chips and reheated to attach the chips.

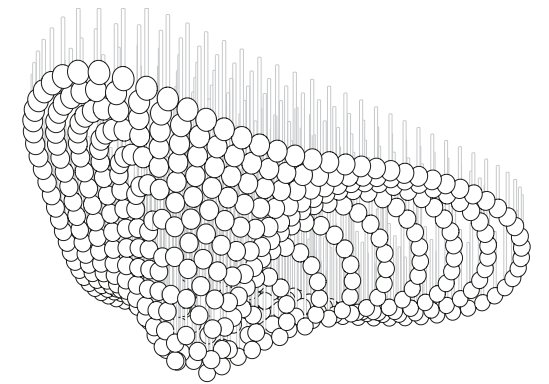
The visual effect of flakes (Mica) comes from the sparkle of the metallic pieces. Mica chips are applied to the surface of a hot glass sphere and then covered by another layer of crystal glass. The Mica is sealed between the layers of glass and the surface remains smooth.

CONSTRUCTION PRINCIPLES



CABLE SUSPENSION

Crystal spheres are suspended individually on wires from the ceiling. This suspension is very delicate and provides a clean, minimalistic look.



TUBE SUSPENSION

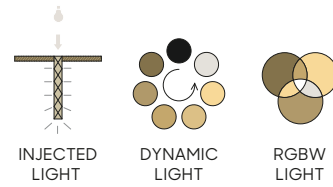
Crystal components can be suspended on tubes if more stability is needed. A balanced proportion between the components and tubes ensures the design is not disrupted.



LIGHTING EFFECTS

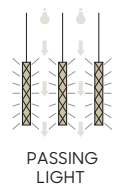
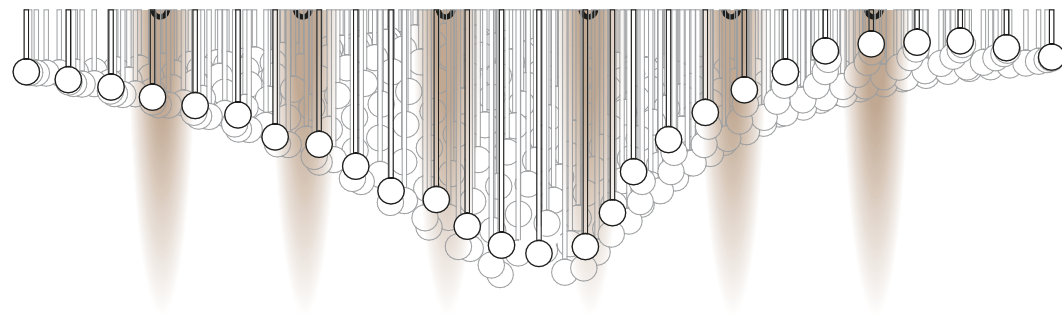
DYNAMIC LIGHTING

Dynamic light scenes are composed using a computer which addresses DMX-controlled and SPI-LED chips located in every crystal component. They can be either suspended on wires or stable tubes.



DOWNLIGHT ILLUMINATION

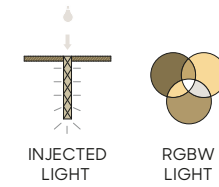
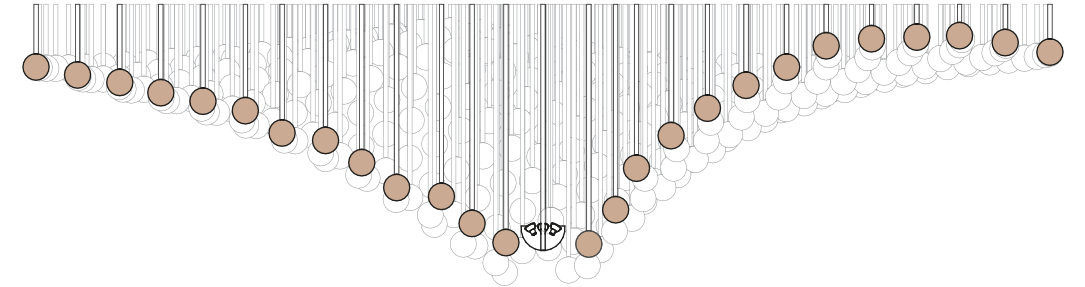
Illumination using downlights placed above the installation is possible. If the space situation requires it, tube suspensions are not recommended.



LIGHTING EFFECTS

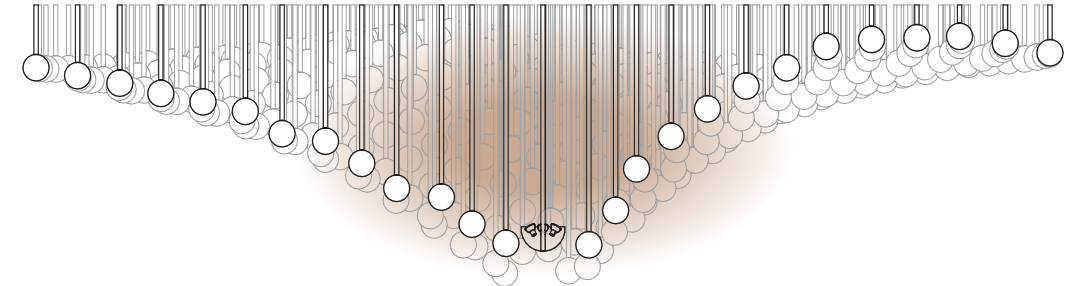
STATIC LIGHTING

Each crystal component has an LED chip which injects light into it. Both wire and tube suspension methods are possible with static lighting.



INDIRECT ILLUMINATION

If the components are suspended on tubes with a metallic finish, additional up-lights illuminate the large area of reflective surface.



CRYSTAL SPHERES



BOHEMIAN CRYSTAL



GLASS



TRIPLEX OPAL



HANDCUT



OPTICAL DECOR



BUBBLED



CRACKLED



MICA



OVERLAID



CRYSTAL FROSTED



LUSTRE



CHIPS

CRYSTAL COLOURS



EMERALD



MOSS GARDEN



SEAWEED



ECLIPSE



WATERCOLOR



ICELAND



PULSE



ROUGE



BLUSH



CARAMEL



HONEYCOMB



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BLUSH



CARAMEL



HONEYCOMB



RESIN



Preciosa Lighting

Since 1724, Preciosa has strengthened and deepened its knowledge of the characteristic properties of crystal glass to masterly perfection, producing and cultivating chandeliers according to original Bohemian traditions. The very highest standards of craftsmanship and unique technical knowledge make Preciosa one of the world's leading manufacturers of fine glass chandeliers. Our lighting styles range from individual luxury lighting to dynamic and interactive installations. As a global company, Preciosa cooperates with designers worldwide to create exclusive lights that reflect our spirit. Our historic chandeliers and contemporary projects can be found in hotels, resorts, fine restaurants, palaces, cultural institutions and on board yachts and cruise ships in locations as varied as New York, Hong Kong, Singapore, Dubai, Moscow and London.

Cultivation of Chandeliers is the expression of a Bohemian crystal glass making tradition that dates to 1724. Preciosa Lighting cultivates and manufactures chandeliers, but more importantly, keeps them dynamic, ensuring they always reflect genius loci, a lifestyle, and make a statement for the future.

CRYSTAL VALLEY

Crystal Valley, Bohemia is the home of Preciosa Lighting. Thanks to the region's natural wealth and especially due to local craftsmanship and talent, the area's glassmaking traditions have remained unspoiled for centuries. Today Crystal Valley is still the most important region in the world for the production of crystal chandeliers.

PRECIOSA WORLDWIDE



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