

Breath of Light

PRECIOSA SIGNATURE DESIGN

PRECIOSA

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.

Breath of Light

Breath of Light takes illumination interactivity to a whole new level. Visitors are integral to the exhibition, becoming a part of it with every breath they share. This installation epitomizes Preciosa's desire to connect people through light. Everyone who interacts with Breath of Light is enchanted by the lighted glow that swirls through the crystal, similar to the joy one sees on the faces of children as they blow bubbles in the wind.

This installation translates the flight of blowing bubbles into an abstract cloud of crystal spheres bursting with light and sound. With just a simple breath the light streams start to become visible in a wandering sort of way, just as bubbles begin to float freely. The flow is a behaviour not a prepared animation. It reacts according to the people blowing and the light flow is always different, like the flight of bubbles is never the same or predictable. When the light streams meet and particular light points connect, they burst just like real bubbles do.

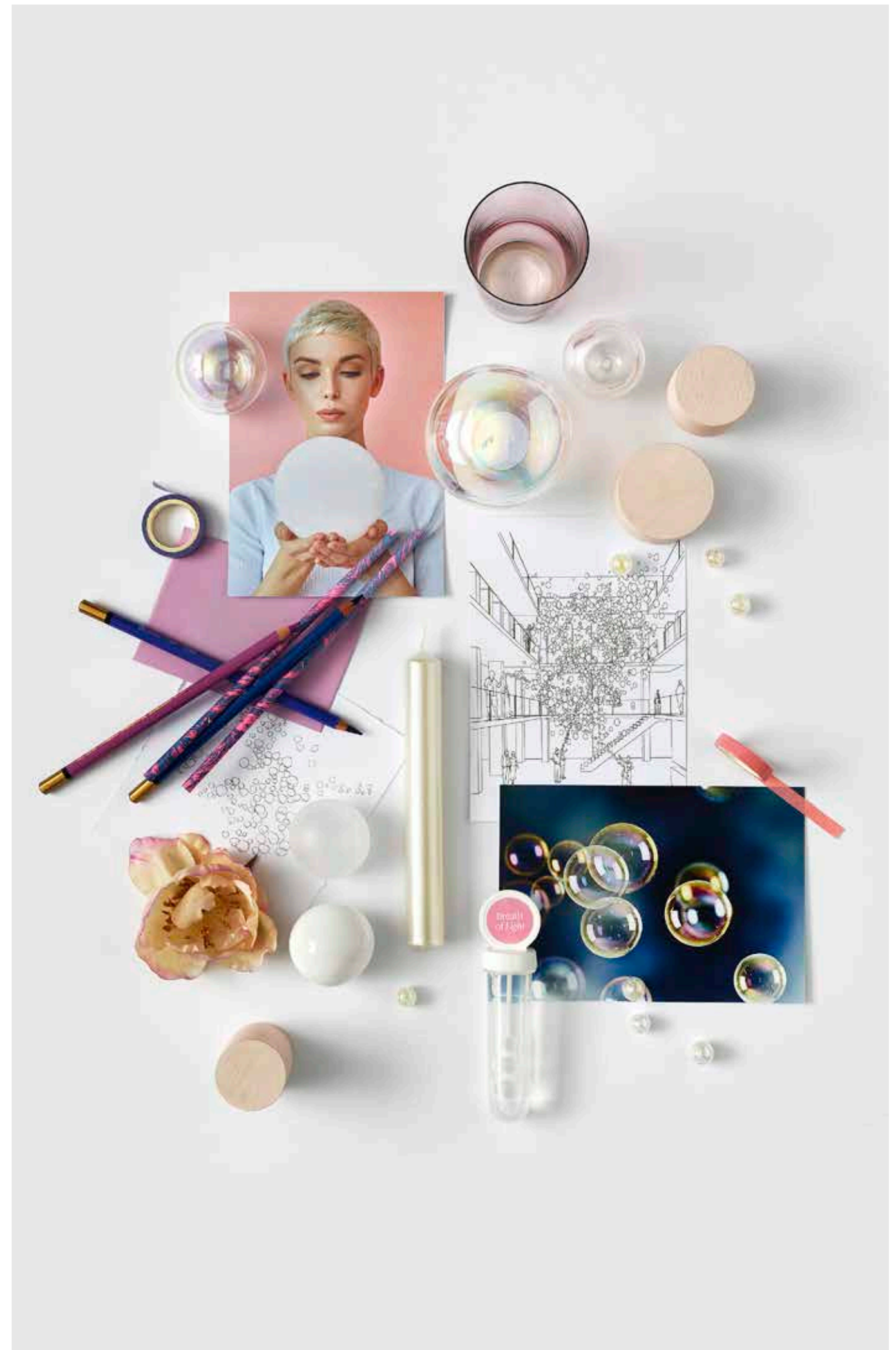
Breath of Light is made from a series of opal crystal bubbles that dissolve into crystal frosted, crystal clear and bubbled crystal spheres. These bubbles create an intriguing path of light as visitors blow into four special sensors hanging on the corners of the exhibition. With this the installation connects people via the objects and gives them the possibility to explore what is happening when they act together.

The installation is conceived to create strong spatial situations. The spheres are not relegated only to the ceiling but can fill an entire space between ceiling and floor, even create paths for people to walk through. This arrangement can easily be modified to individual project needs. Even without the interactive element, Breath of Light is a strong and self-standing dynamic light installation.

Designer:
Vasku & Klug



reddot award 2018
best of the best



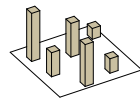


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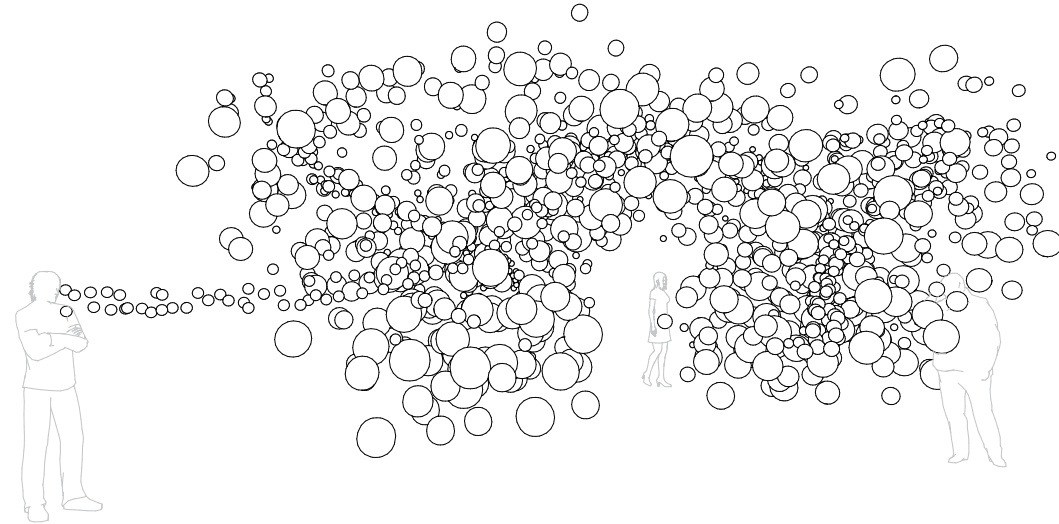
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BREATH OF LIGHT

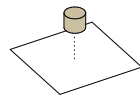
COMPOSITION OPTIONS



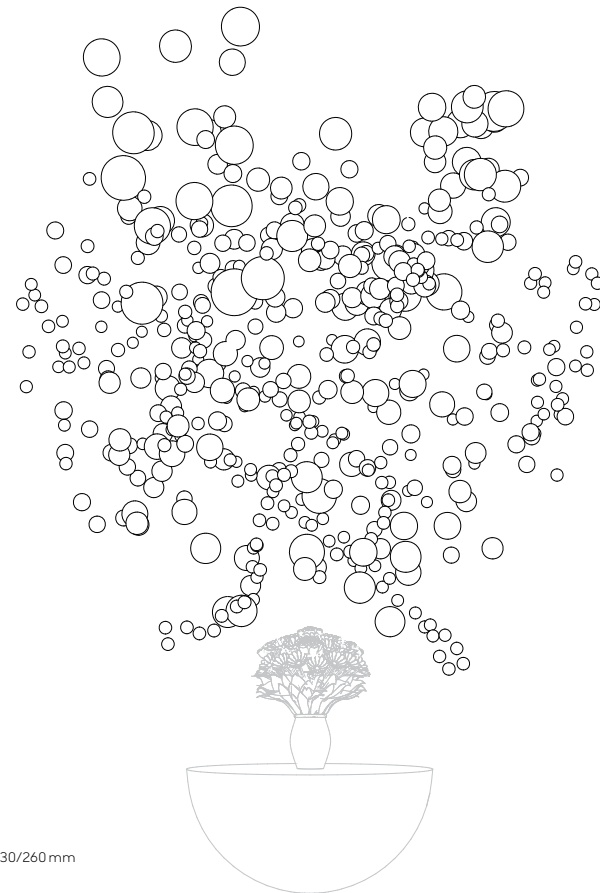
SPATIAL



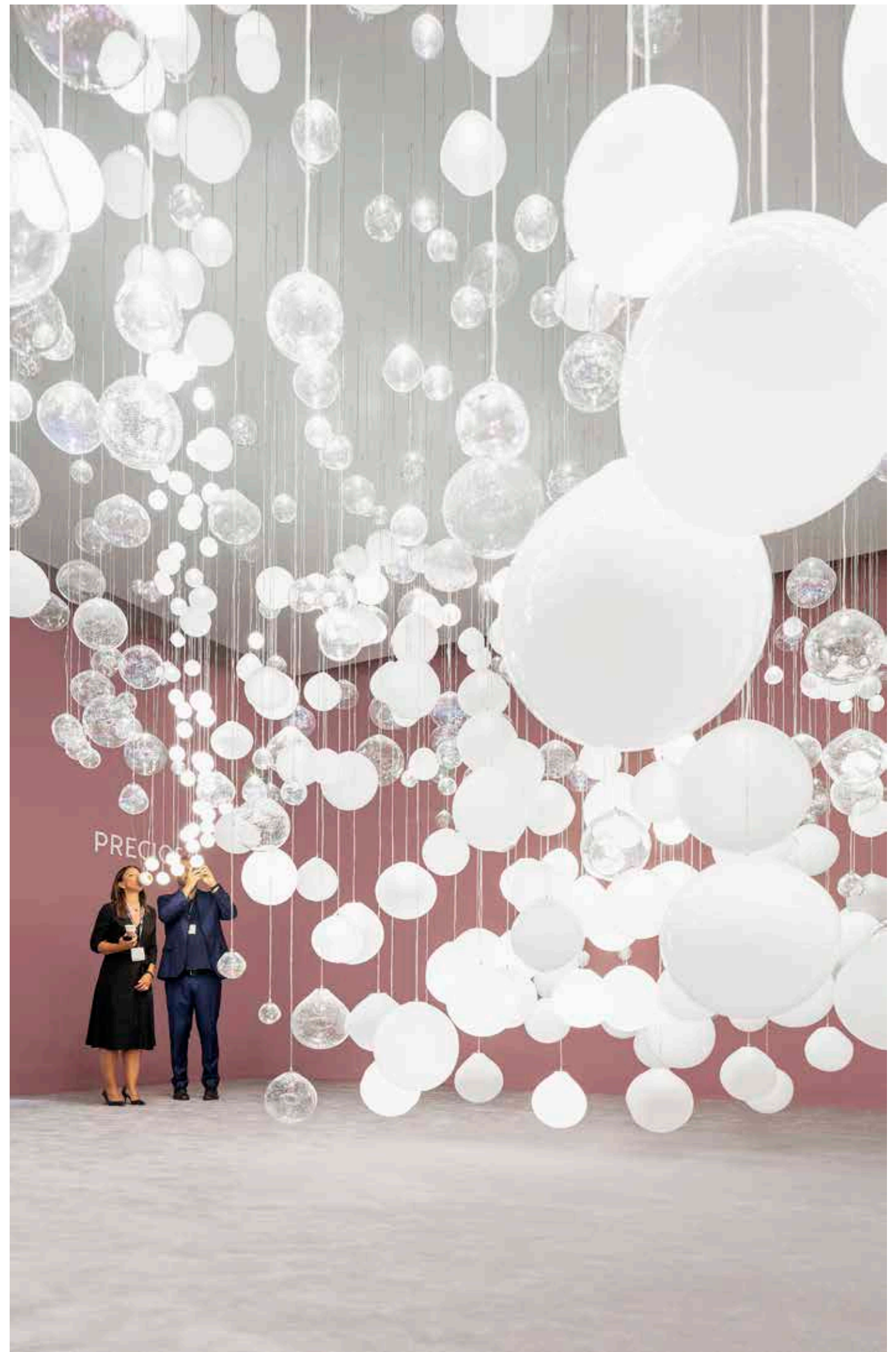
BLS01
Dimensions: 10895 x 7505 x 3665 mm
Pearl Size: 80/110/140/200/260/290/320 mm
Hanging Rope: 1200 pcs



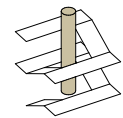
CENTRAL



BLC01
Dimensions: dia. 3980/4480 mm
Pearl Size: 80/110/140/170/200/230/260 mm
Hanging Rope: 512 pcs



BREATH OF LIGHT



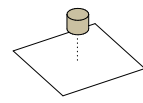
VERTICAL



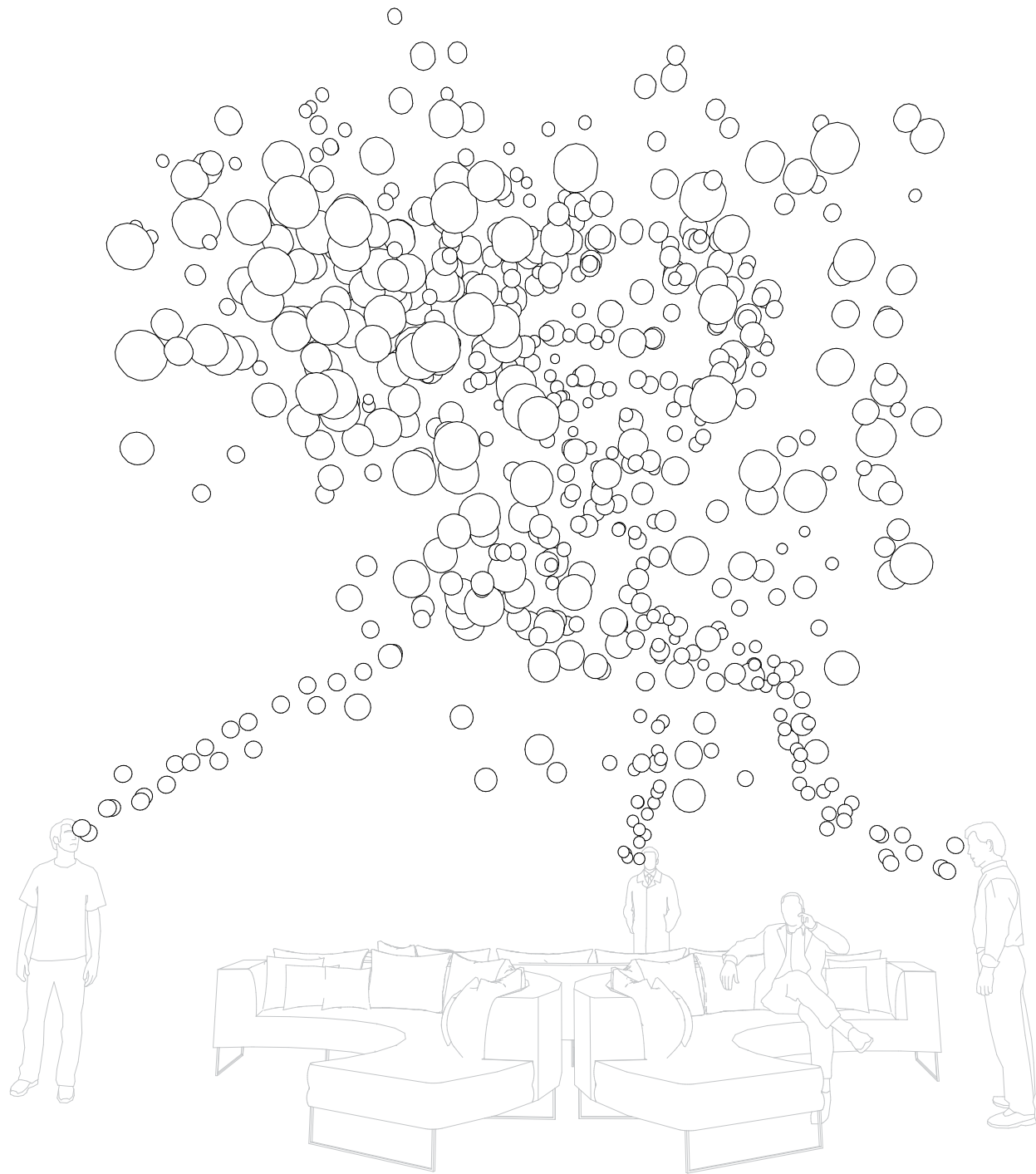
BLV01
Dimensions: 9898 • 8745 • 9645 mm
Pearl Size: 80/110/230/260/290 mm
Hanging Rope: 1200 pcs



BREATH OF LIGHT



CENTRAL



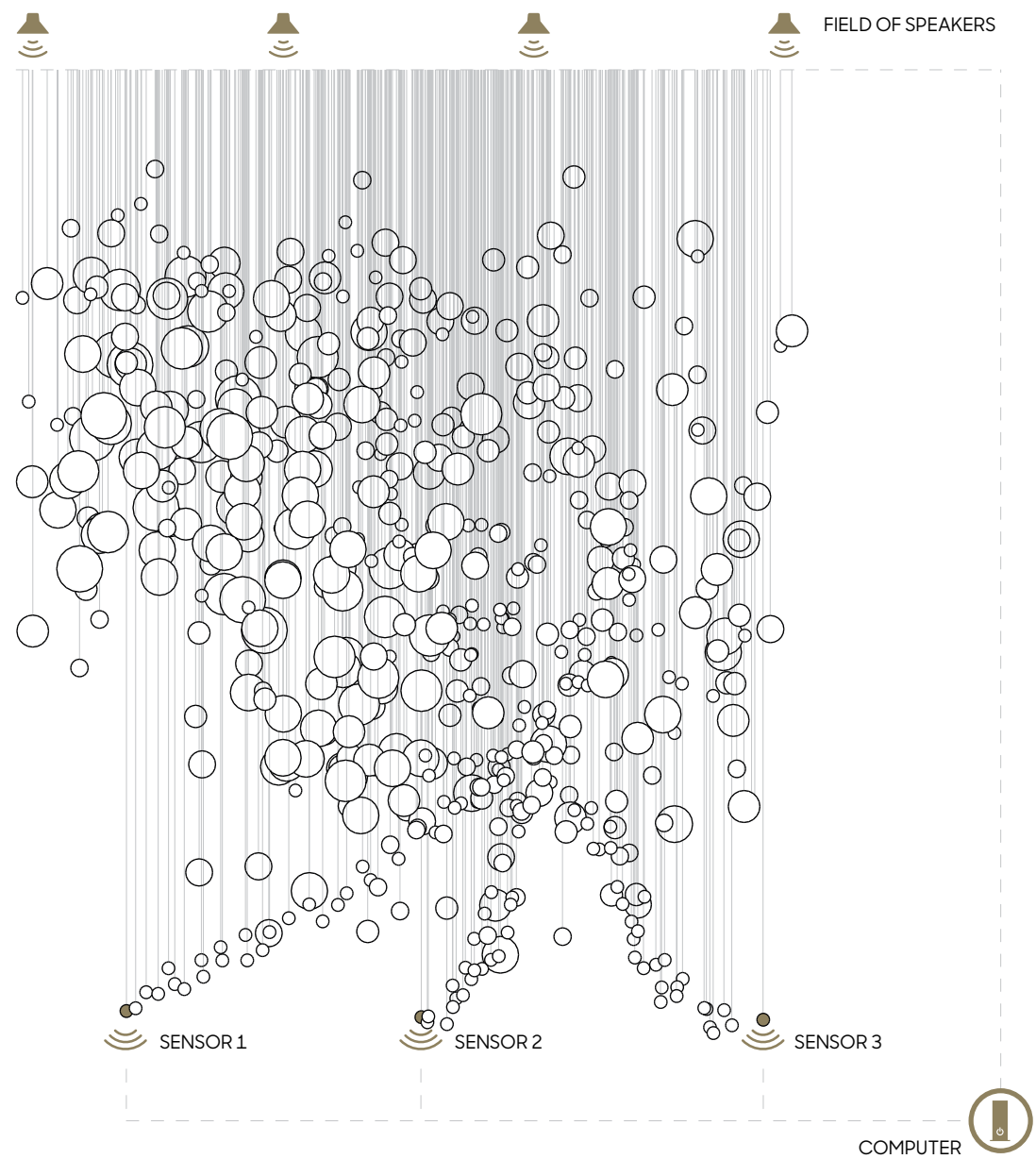
BLC02
Dimensions: 5100 × 4830 × 5630 mm
Pearl Size: 80/140/200/230 mm
Hanging Rope: 564 pcs



TECHNOLOGY PRINCIPLES

In the interactive version, Breath of Light is a very technically advanced installation, but important for designers was that visitors don't feel confronted with technology. Instead, people intuitively interact with the installation. Sensors in varying heights for people to breathe into are needed to make Breath of Light interactive. These sensors can either be accessed from the ground or for example in an atrium behind a railing. The sensors trigger an algorithm in a computer program which computes the path of the breath and communicates with individual DMX-controlled LED chips in each crystal component.

The entire experience is underlined with a dynamic sound installation, where sound travels through the space along with the light, therefore creating an even richer experience. Speakers are hidden in the fixing plate and the same computer controls the speakers and the sensors. Just as the design and its components are completely customisable, so too is the sound.



LIGHTING EFFECTS



Dynamic light movement is crucial for this installation and is best achieved with DMX-controlled and SPI-LED chips which light every component individually.

In certain spaces, illuminating the installation with down lights might be preferred. This illumination option allows for a simple dynamic lighting effect if desired.



CRYSTAL SPHERES & BUBBLES

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.

To achieve the unique appearance of Breath of Light, other refinements are needed. 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. Frosting the listed elements ensures the soft look of the installation. Another option is a pearlescent coating which offers an iridescent visual appearance.



BUBBLED FROSTED INSIDE



CRYSTAL FROSTED



BUBBLED



BOHEMIAN CRYSTAL



BUBBLED FROSTED



TRIPLEX OPAL



LUSTRE

BREATH OF LIGHT

CRYSTAL COLOURS



EMERALD



MOSS GARDEN



SEAWEED



ECLIPSE



WATERCOLOR



ICELAND



PULSE



ROUGE



BLUSH



CARAMEL



HONEYCOMB



RESIN

FROSTED COLOURS



EMERALD



MOSS GARDEN



SEAWEED



ECLIPSE



WATERCOLOR



ICELAND



PULSE



ROUGE



BLUSH



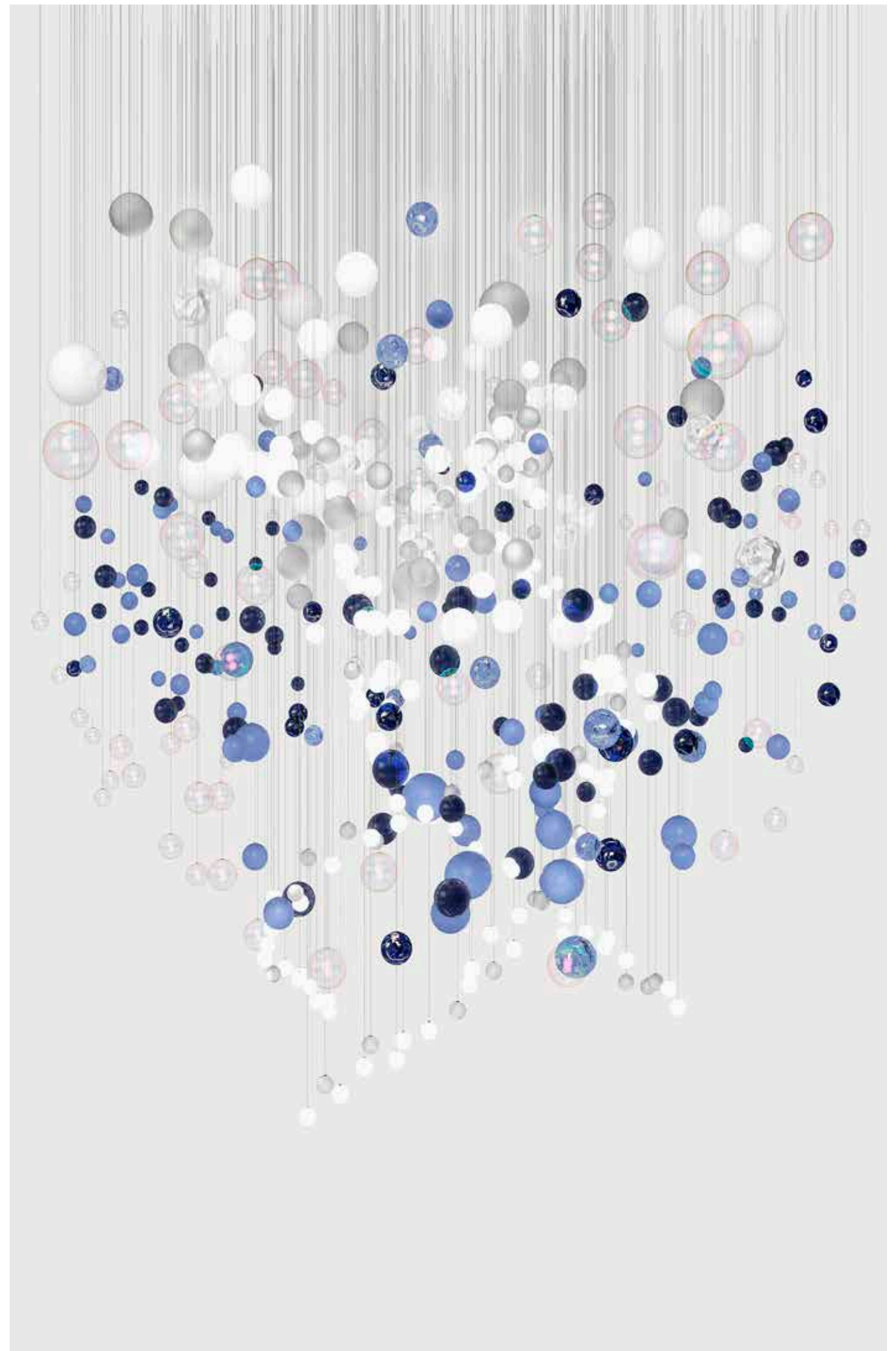
CARAMEL



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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