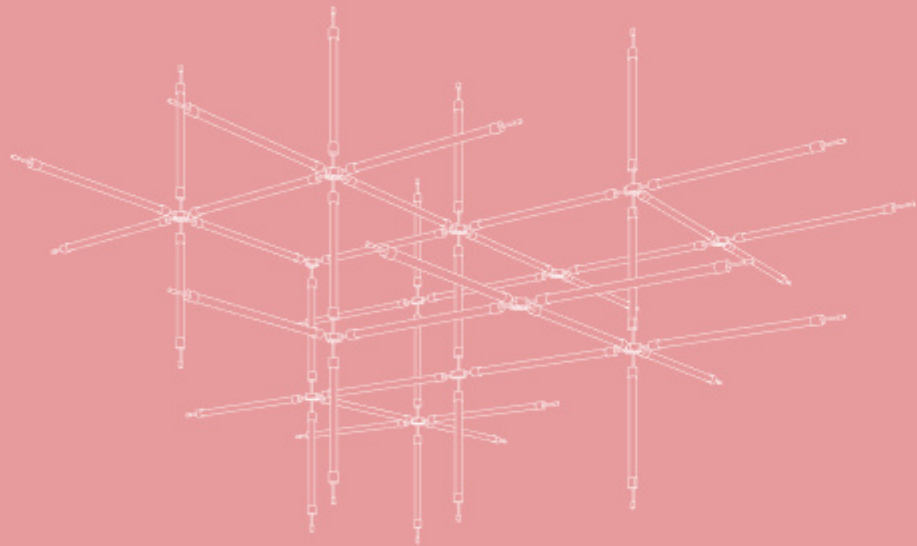


L'ARTE *AL* LUCE
Lighting

Parallel Lines

LED DESIGNS



Parallel Lines

What's the equation for designing a complex yet simple installation? We thought about orthogonality and its unmistakable patterns in architecture and design. We did the math and chose perpendicular lines, which evoke a sense of clarity and strength. We brought sophistication to the enigmatic for an experience of modern minimalism with a powerful geometric focus.

parallel lines is a distinct, compelling design. A spatial impression is created from the installation's basic form and from the illumination. It takes hand-blown bubbled crystal tubes and geometrically suspends them in an illuminated gridded structure. The result is an artistic, modular installation that envelopes both small and large spaces with light and energy.





CGL06
Dimensions: 3400 × 9700 × 4350 mm
Number of crystal components: 146 pcs
Number of connectors: 40 pcs

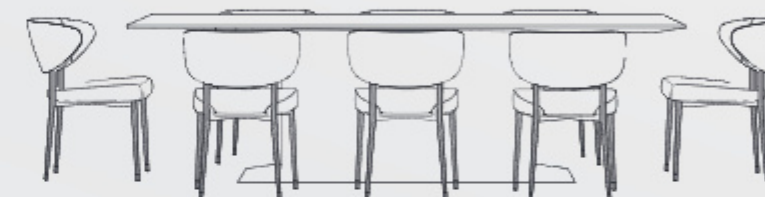
Flexible design concept

Signature Designs are an exclusive concept that allow designers to completely customize our lighting designs for their space. They make creating a customized light a convenient and intelligent way to include creative lighting in your design.

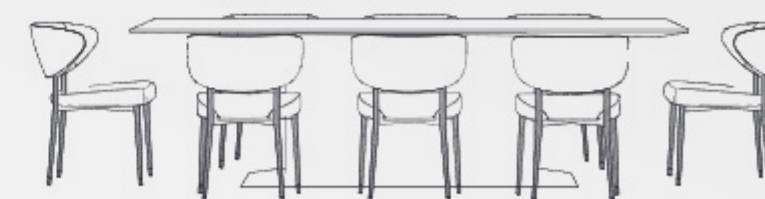
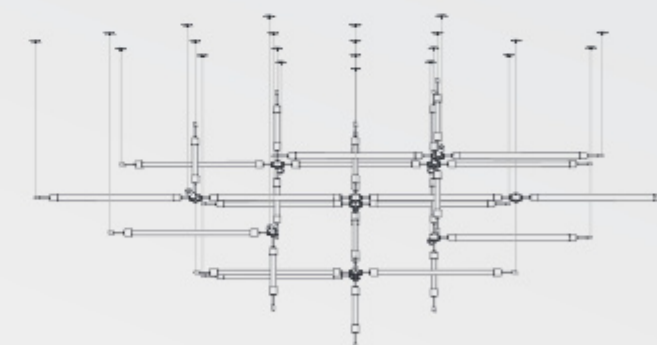
Be inspired by our sample compositions and customize them to the size of your space, or create your own shape for a one-of-a-kind look.

COLLABORATE WITH THE ECOJAS DESIGN TEAM

Whether you adapt any of the original compositions or create your own individual design, ECOJAS's design team can help. Show us your space and outline your idea and we will prepare drawings and 3D data.



Free-hand composition by designer
/ Designer's part



Drawings and 3D data by ECOJAS design team /
ECOJAS's part

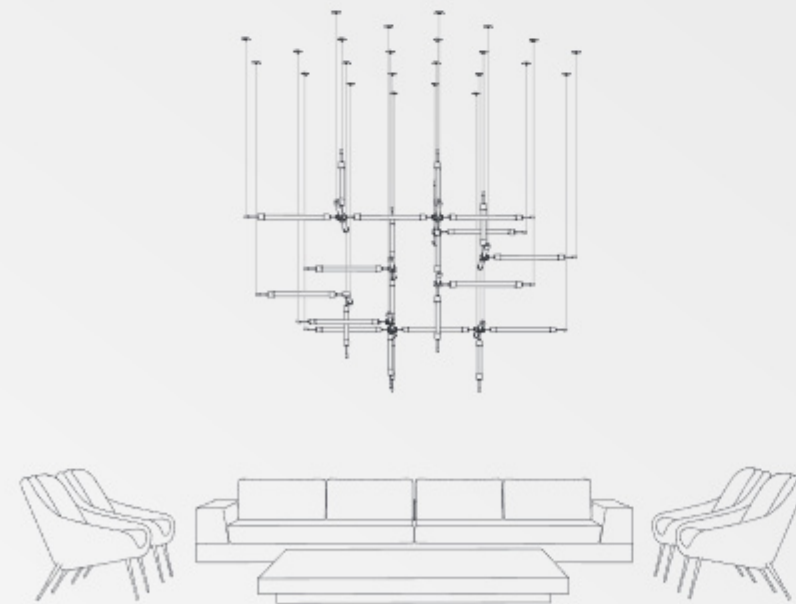
CGC18
Dimensions: 3850 • 2000 • 1950 mm
Number of crystal components: 41 pcs
Number of connectors: 11 pcs

BRING Parallel Lines TO LIFE

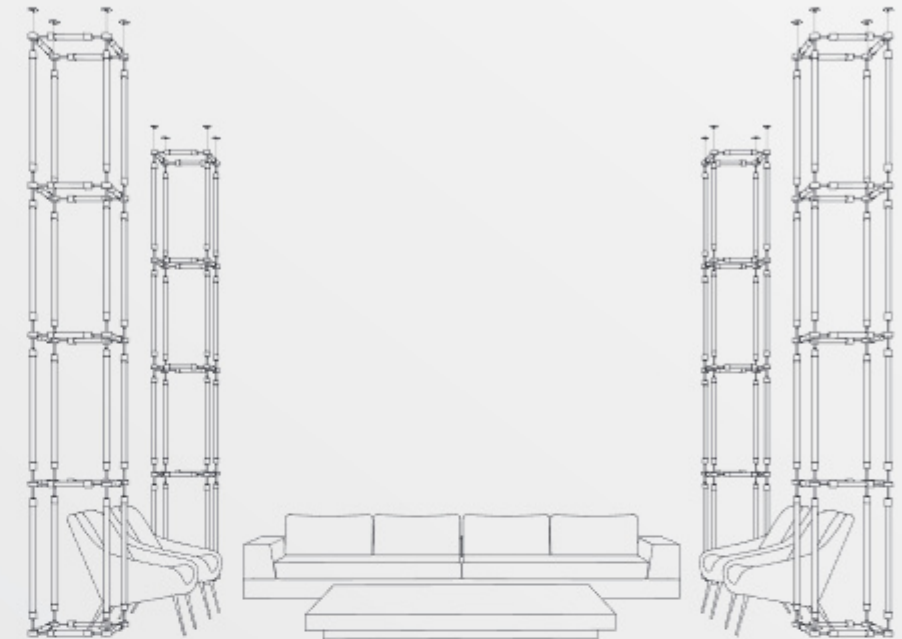
Here we share examples of how different compositions can look in a space. Each image shows how one of the suggested designs has been customized to fit the designer's vision and space.



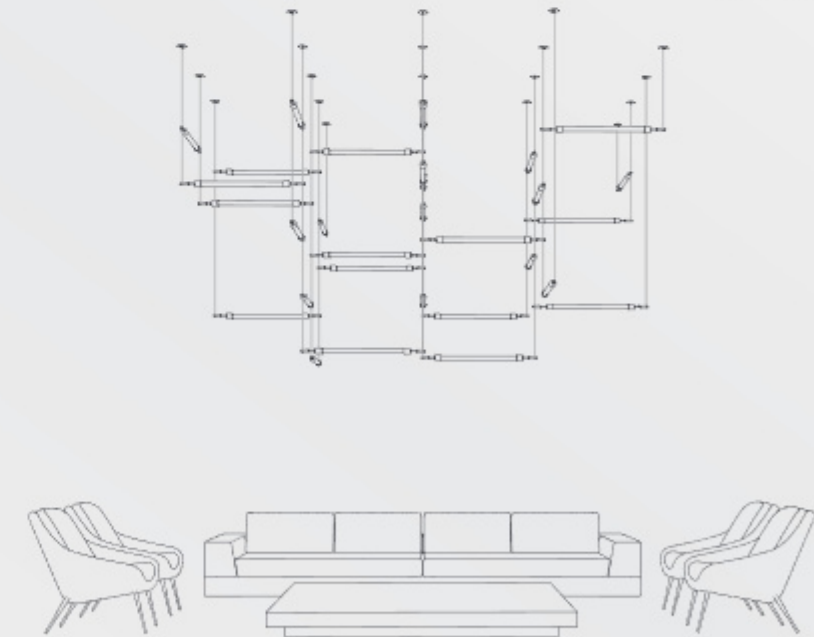
CGC03
Dimensions: 2550 • 2850 • 2550 mm
Number of crystal components: 18 pcs
Number of connectors: 3 pcs



CGC16
Dimensions: 2500 • 2500 • 2250 mm
Number of crystal components: 40 pcs
Number of connectors: 10 pcs
Based on the original composition CGC13 (p. 16)

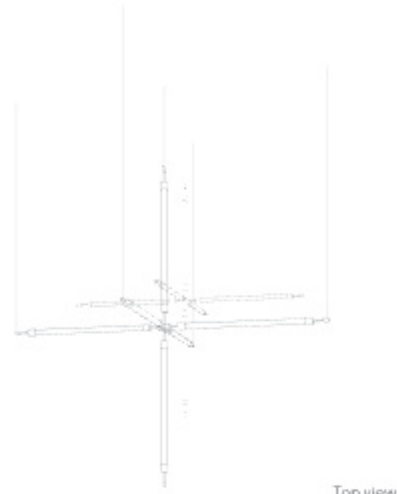


CG503
Dimensions: 3900 • 5250 • 3850 mm
Number of crystal components: 144 pcs
Number of connectors: 80 pcs
Based on the original composition CGV05 (p. 20)



CG502
Dimensions: 3200 • 3350 • 2100 mm
Number of crystal components: 30 pcs
Number of connectors: 0 pcs
Based on the original composition CGA01 (p. 22)

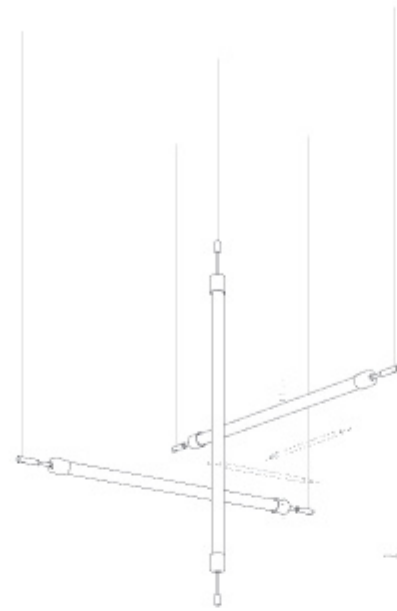
Composition ideas



Top view



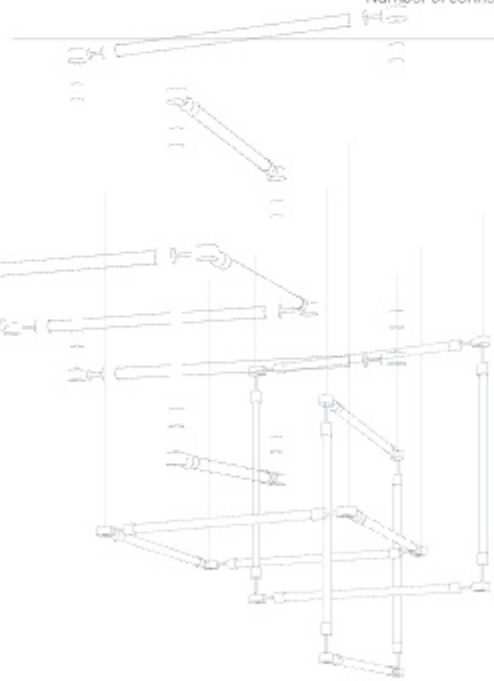
CGC02
 Dimensions: 1950 × 1950 × 1950 mm
 Number of crystal components: 6 pcs
 Number of connectors: 1 pcs



Top view



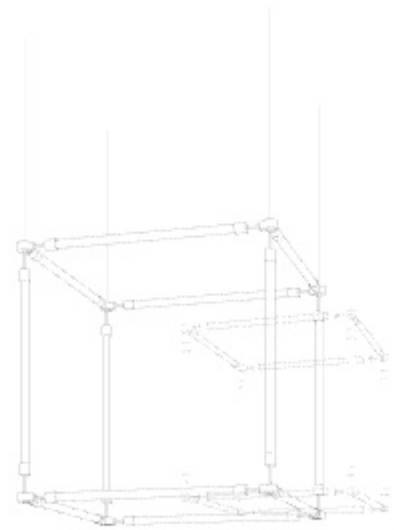
CGC01
 Dimensions: 1000 × 1000 × 1000 mm
 Number of crystal components: 3 pcs
 Number of connectors: 0 pcs



Top view



CGC06
 Dimensions: 1300 × 1300 × 1300 mm
 Number of crystal components: 12 pcs
 Number of connectors: 12 pcs



Top view



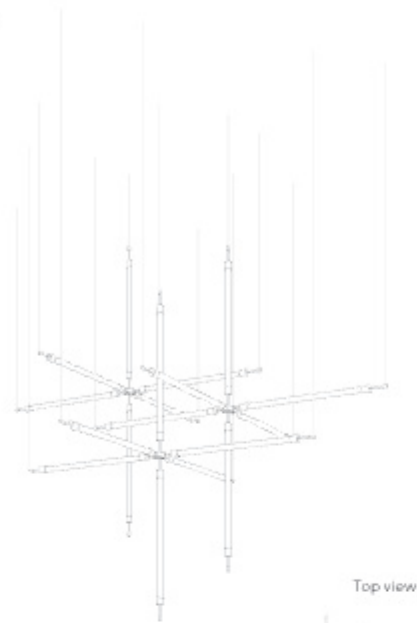
CGC08
 Dimensions: 1000 × 1000 × 1000 mm
 Number of crystal components: 12 pcs
 Number of connectors: 8 pcs



CGC01
 Dimensions: 1000 × 1000 × 1000 mm
 Number of crystal components: 3 pcs
 Number of connectors: 0 pcs



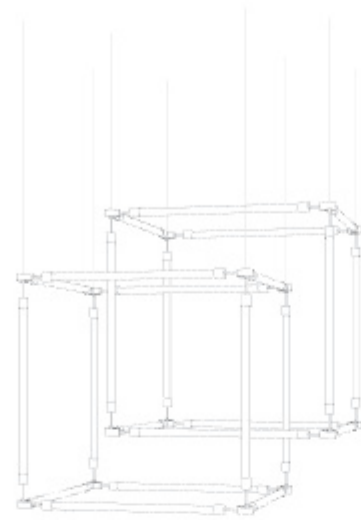
CENTRAL



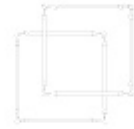
Top view



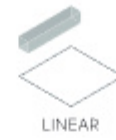
CGC03
Dimensions: 2550 × 2850 × 2550 mm
Number of crystal components: 18 pcs
Number of connectors: 3 pcs



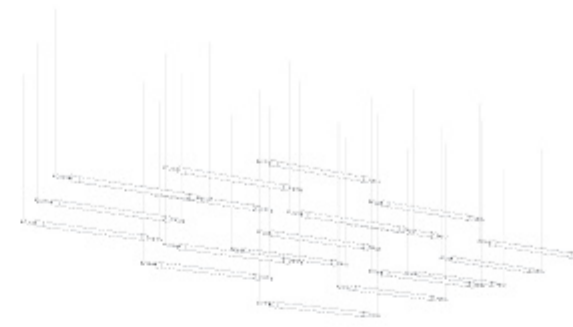
Top view



CGC09
Dimensions: 1300 × 1300 × 1300 mm
Number of crystal components: 24 pcs
Number of connectors: 16 pcs



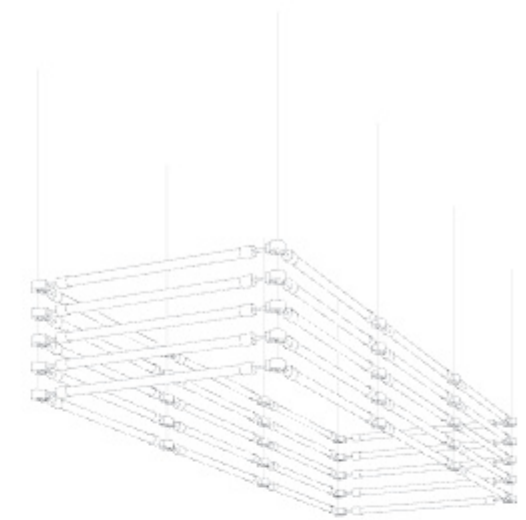
LINEAR



Top view



CGL01
Dimensions: 4100 × 1050 × 1500 mm
Number of crystal components: 19 pcs
Number of connectors: 0 pcs



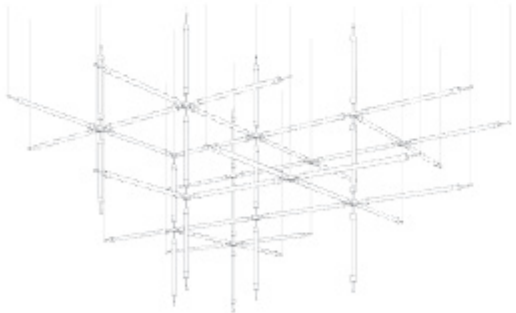
Top view



CGL03
Dimensions: 1000 × 2950 × 450 mm
Number of crystal components: 40 pcs
Number of connectors: 40 pcs



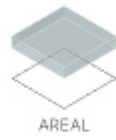
CENTRAL



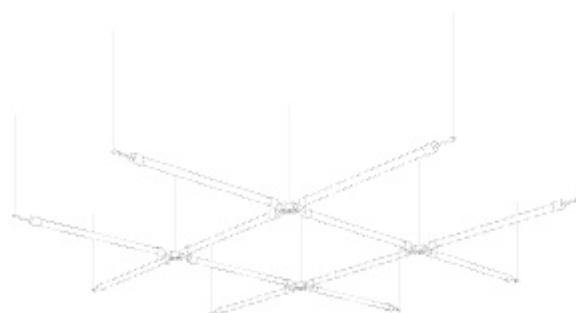
Top view



CGC13
Dimensions: 3900 × 3900 × 2200 mm
Number of crystal components: 48 pcs
Number of connectors: 14 pcs



AREAL



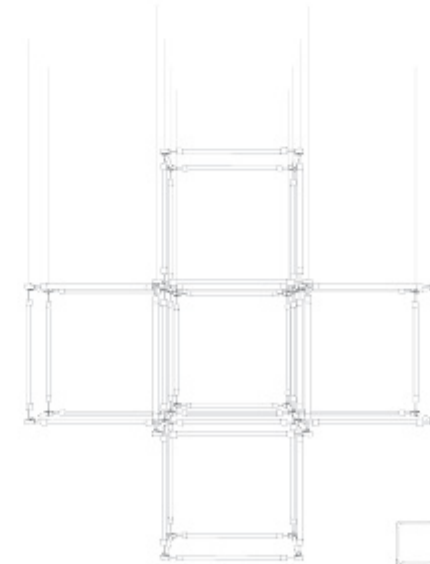
Top view



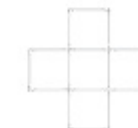
CGA02
Dimensions: 2900 × 2900 × 50 mm
Number of crystal components: 12 pcs
Number of connectors: 4 pcs



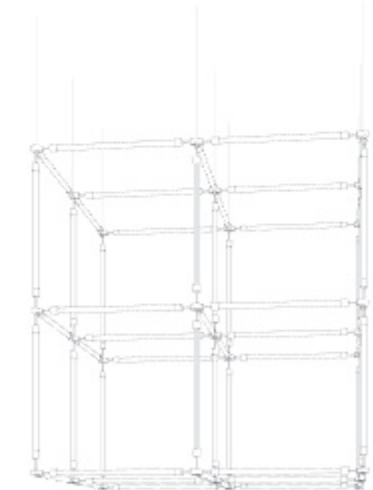
CENTRAL



Top view



CGC07
Dimensions: 2950 × 2950 × 2950 mm
Number of crystal components: 60 pcs
Number of connectors: 32 pcs



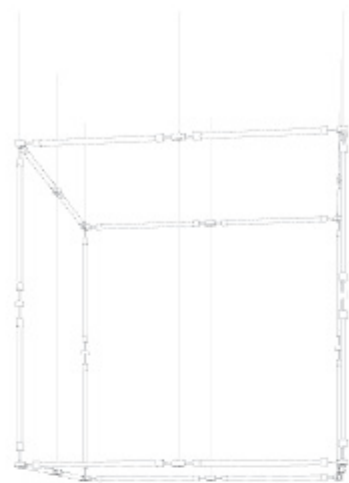
Top view



CGC10
Dimensions: 2000 × 2000 × 2000 mm
Number of crystal components: 54 pcs
Number of connectors: 27 pcs



CENTRAL

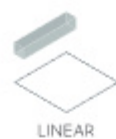


Top view

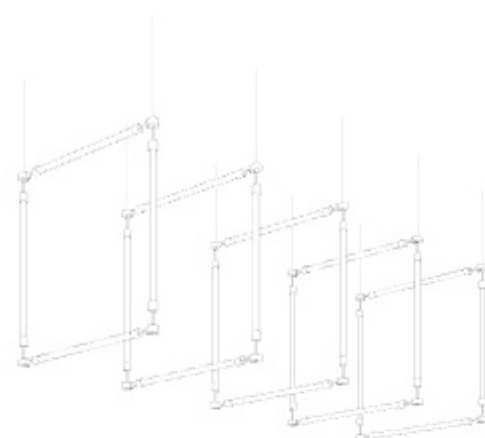


CGC11

Dimensions: 2000 • 2000 • 2000 mm
Number of crystal components: 24 pcs
Number of connectors: 20 pcs



LINEAR



Top view

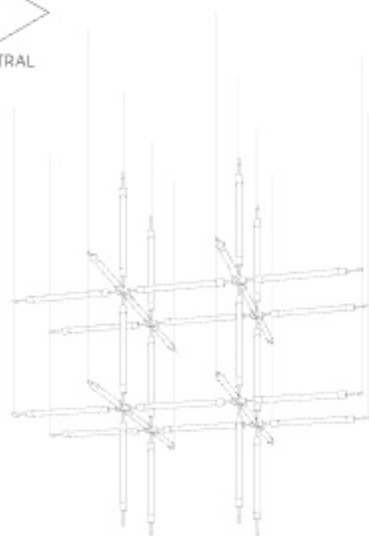


CGL02

Dimensions: 1000 • 3000 • 1000 mm
Number of crystal components: 20 pcs
Number of connectors: 20 pcs



CENTRAL

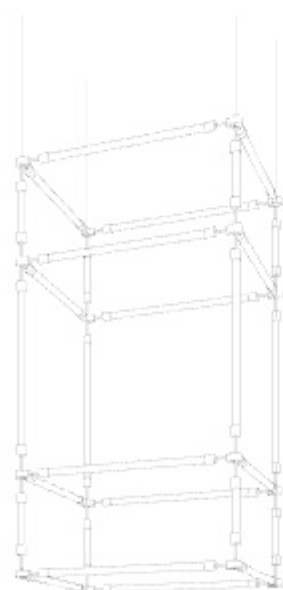


Top view



CGC05

Dimensions: 2100 • 2100 • 2100 mm
Number of crystal components: 36 pcs
Number of connectors: 8 pcs



Top view



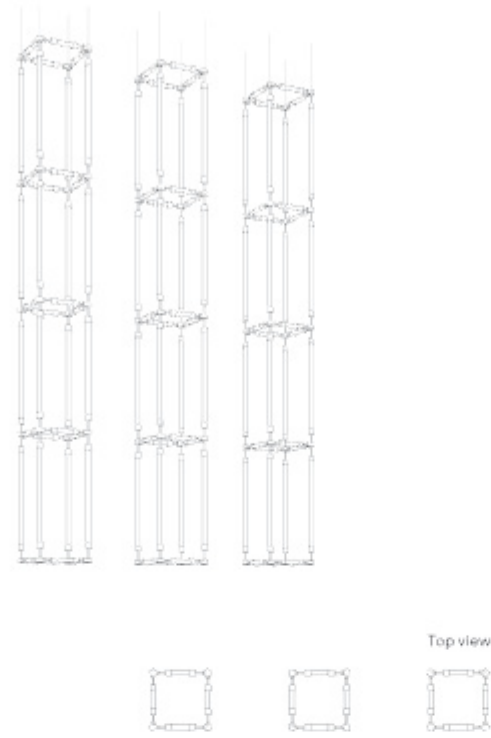
CGC12

Dimensions: 1000 • 1000 • 1900 mm
Number of crystal components: 28 pcs
Number of connectors: 16 pcs

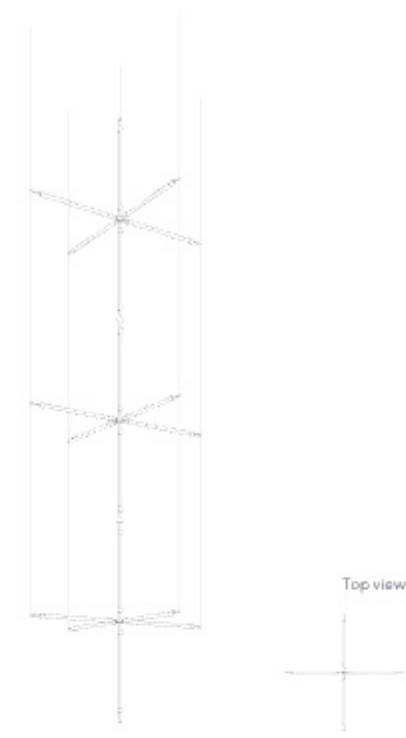




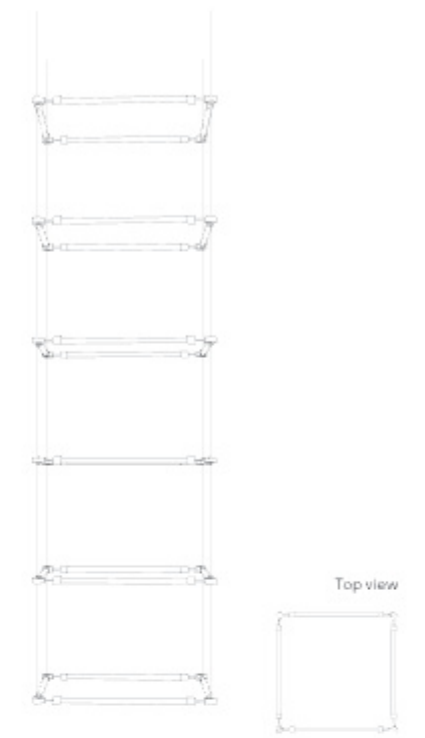
CGV06
 Dimensions: 1000 × 1000 × 5000 mm
 Number of crystal components: 36 pcs
 Number of connectors: 24 pcs



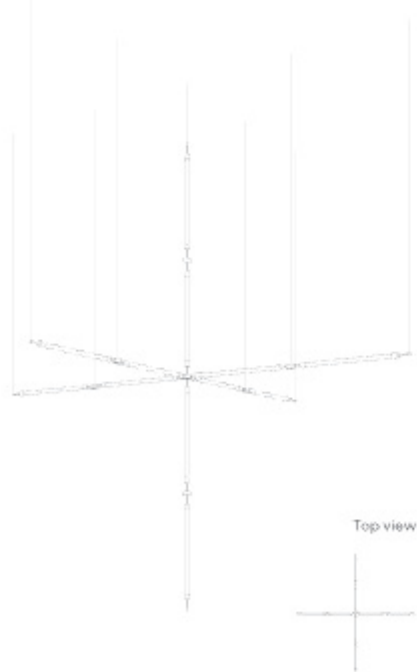
CGV05
 Dimensions: 450 × 2450 × 3900 mm
 Number of crystal components: 108 pcs
 Number of connectors: 60 pcs



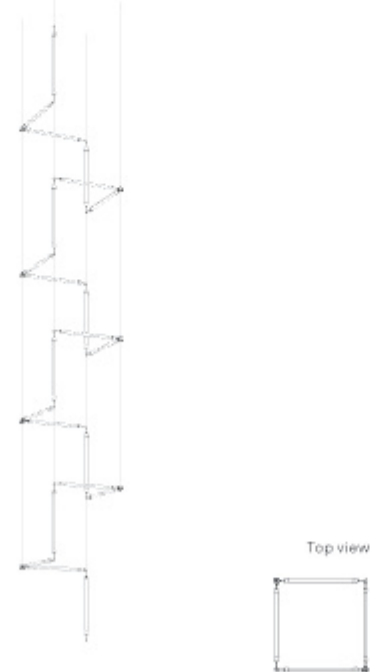
CGV02
 Dimensions: 1950 × 1950 × 5800 mm
 Number of crystal components: 18 pcs
 Number of connectors: 5 pcs



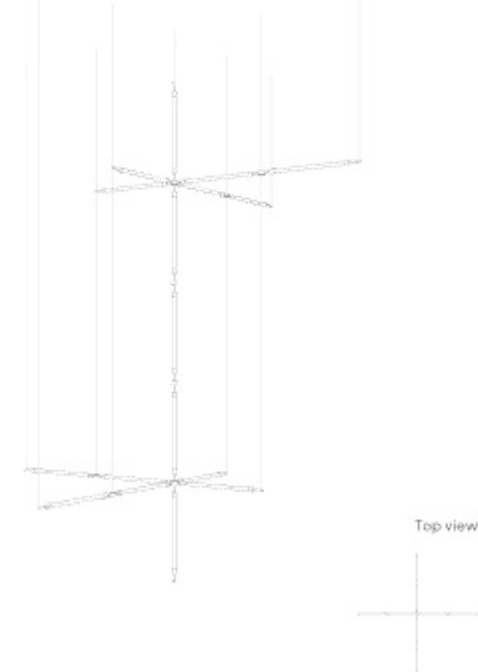
CGV04
 Dimensions: 1000 × 1000 × 3400 mm
 Number of crystal components: 24 pcs
 Number of connectors: 24 pcs



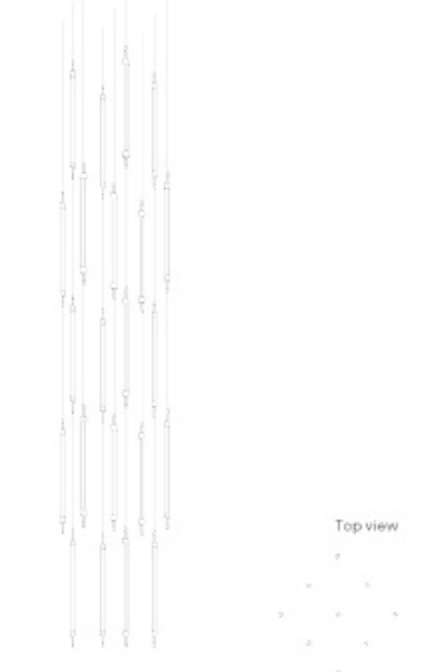
CGC04
 Dimensions: 3900 × 3900 × 3900 mm
 Number of crystal components: 12 pcs
 Number of connectors: 7 pcs



CGV07
 Dimensions: 1050 × 1050 × 8250 mm
 Number of crystal components: 22 pcs
 Number of connectors: 20 pcs



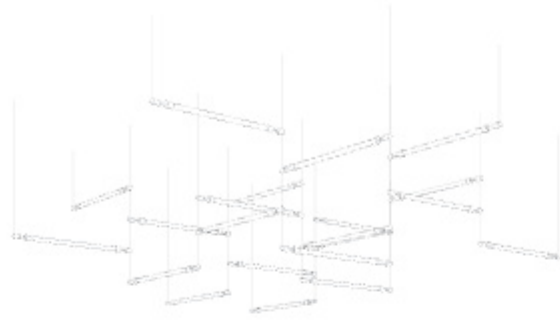
CGV03
 Dimensions: 3900 × 3900 × 4850 mm
 Number of crystal components: 17 pcs
 Number of connectors: 8 pcs



CGV01
 Dimensions: 1050 × 1050 × 4850 mm
 Number of crystal components: 22 pcs
 Number of connectors: 0 pcs



AREAL



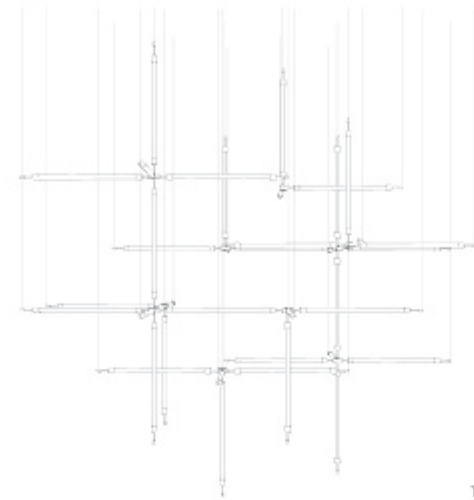
Top view



CGA01
Dimensions: 3900 × 3900 × 800 mm
Number of crystal components: 21 pcs
Number of connectors: 0 pcs



CENTRAL



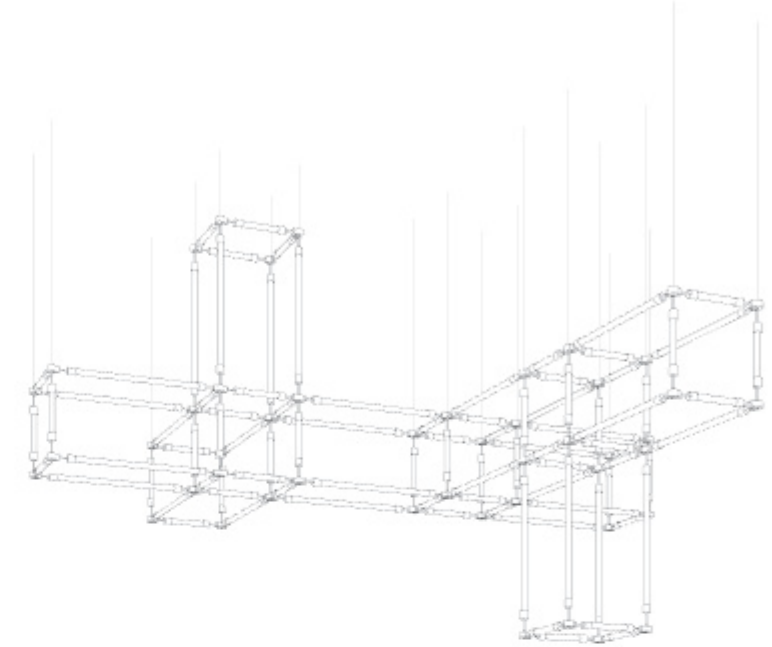
Top view



CGC14
Dimensions: 3400 × 3400 × 3400 mm
Number of crystal components: 40 pcs
Number of connectors: 10 pcs



SPATIAL



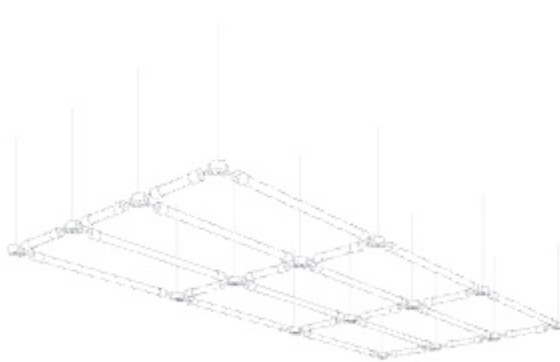
Top view



CGS01
Dimensions: 3950 × 3950 × 2450 mm
Number of crystal components: 92 pcs
Number of connectors: 50 pcs



AREAL



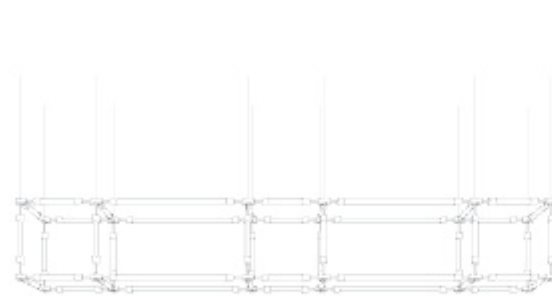
Top view



CGA05
Dimensions: 1350 × 2950 × 50 mm
Number of crystal components: 24 pcs
Number of connectors: 16 pcs



LINEAR



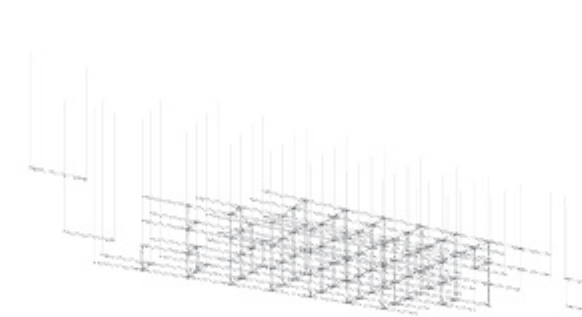
Top view



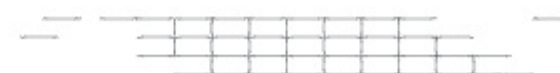
CGL04
Dimensions: 3450 × 550 × 500 mm
Number of crystal components: 44 pcs
Number of connectors: 24 pcs



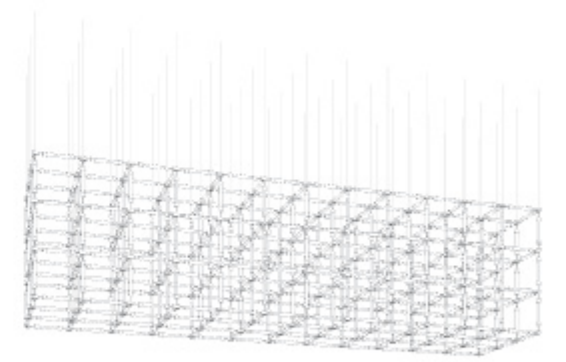
LINEAR



Top view



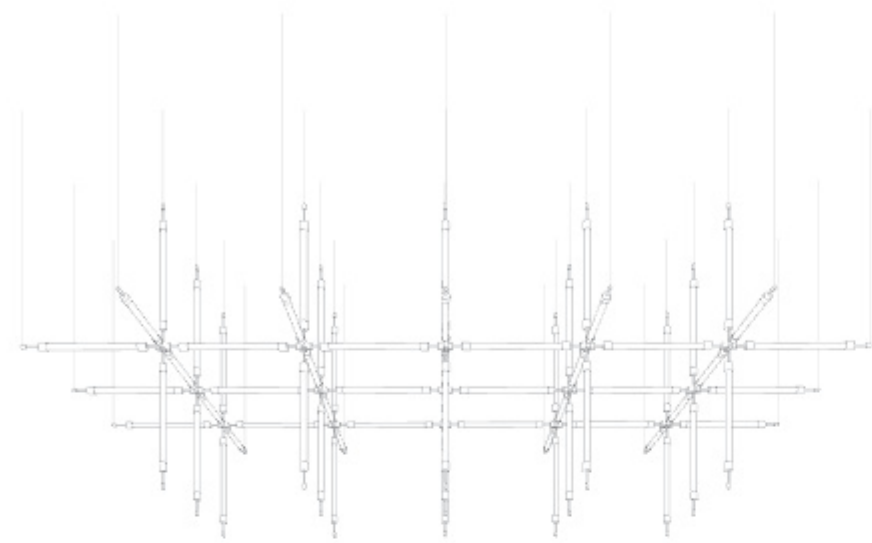
CGL07
Dimensions: 14300 × 1500 × 1500 mm
Number of crystal components: 277 pcs
Number of connectors: 110 pcs



Top view



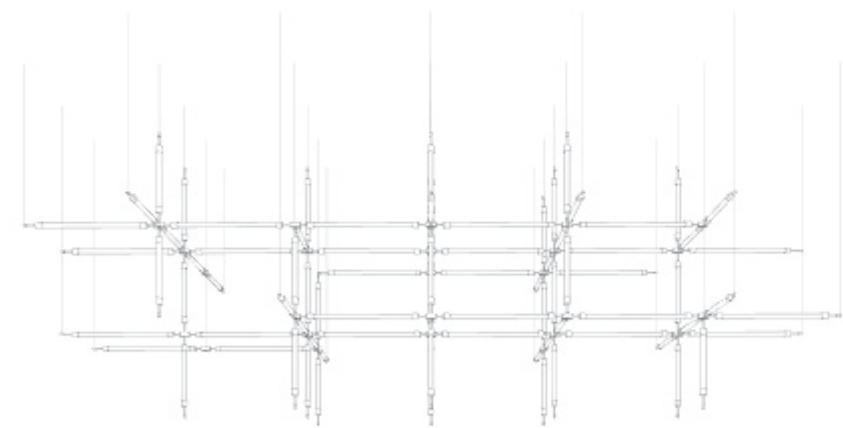
CGL05
Dimensions: 1600 × 6150 × 1550 mm
Number of crystal components: 504 pcs
Number of connectors: 208 pcs



Top view



CGA03
Dimensions: 3000 • 4450 • 1500 mm
Number of crystal components: 68 pcs
Number of connectors: 15 pcs



Top view



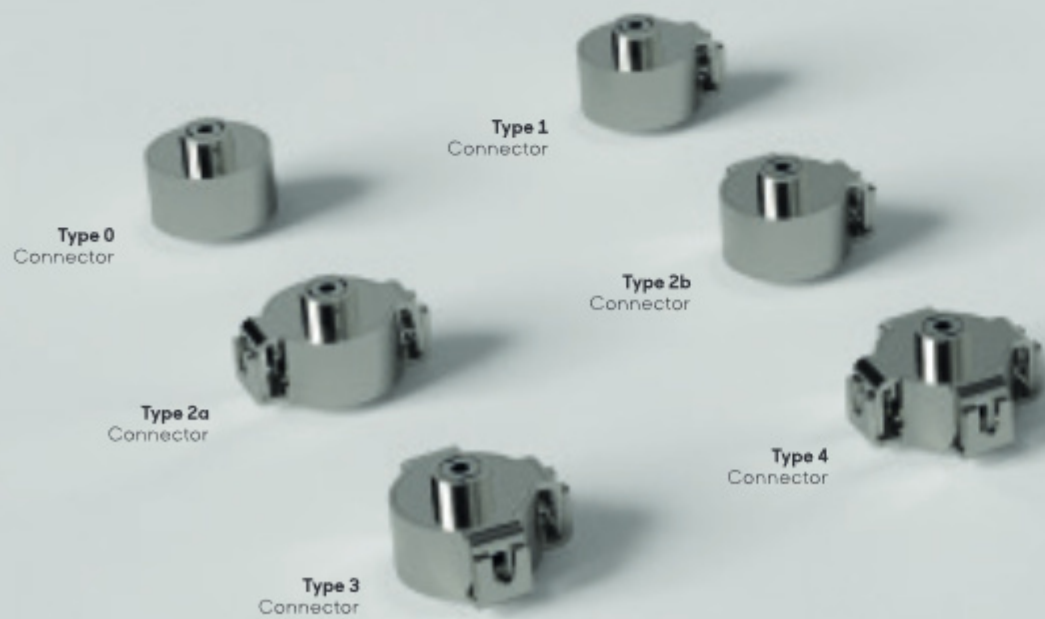
CGA04
Dimensions: 3000 • 5800 • 1950 mm
Number of crystal components: 86 pcs
Number of connectors: 25 pcs



CGC03
Dimensions: 2550 • 2850 • 2550 mm
Number of crystal components: 18 pcs
Number of connectors: 3 pcs

Design components

parallel lines offers minimalist components, so that the structure and the light stand out. There are three key parts: crystal tubes, connectors, and endpoints. The hand-blown clear crystal tubes feature bubbles for an organic, textural look. Unique variations occur in each one because they are handcrafted.



Shortest grid element
353 mm

Longest grid element
969 mm

SIZE & DENSITY

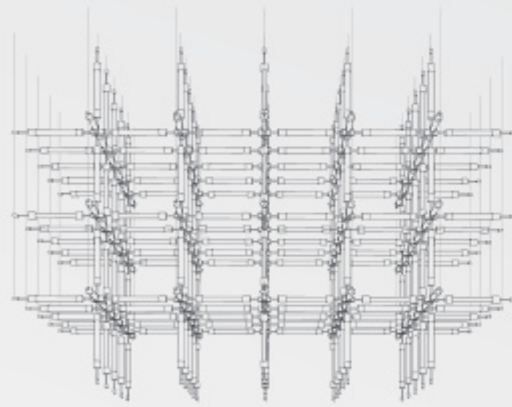


Top view



GRID SIZE: 969 mm

CGC19
Dimensions: 2900 × 2900 × 1950 mm
Number of crystal components: 20 pcs
Number of connectors: 4 pcs



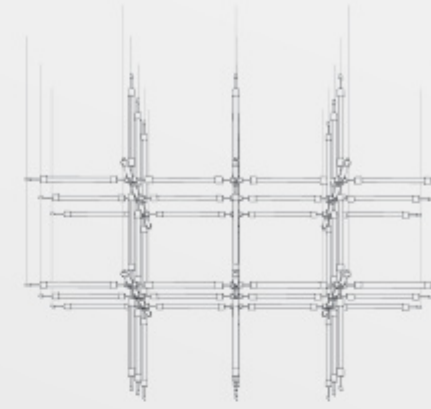
Top view



GRID SIZE: 507 mm

CGC21
Dimensions: 3050 × 3050 × 2050 mm
Number of crystal components: 280 pcs
Number of connectors: 75 pcs

SIZE & DENSITY

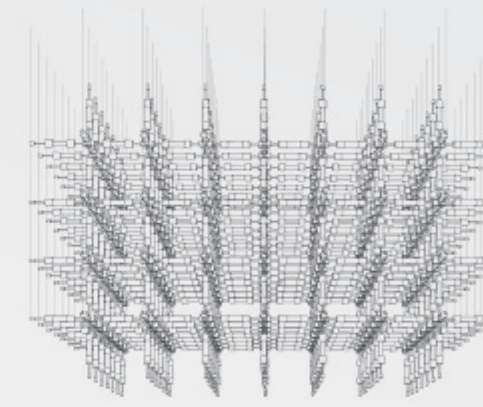


Top view



GRID SIZE: 661 mm

CGC20
Dimensions: 2700 × 2700 × 225 mm
Number of crystal components: 75 pcs
Number of connectors: 18 pcs



Top view

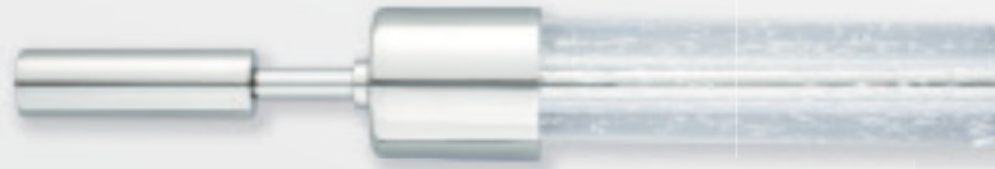


GRID SIZE: 353 mm

CGC22
Dimensions: 2850 × 2850 × 1800 mm
Number of crystal components: 693 pcs
Number of connectors: 196 pcs

COMPONENT COLOURS

Crystal &
Stainless steel



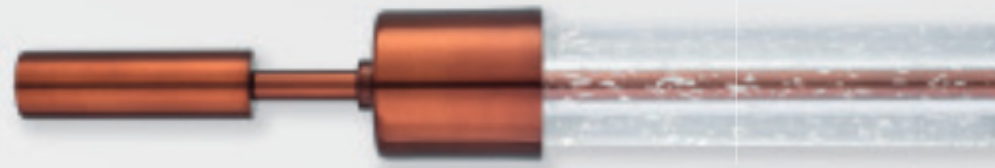
Crystal &
Matte gold metal



Crystal &
Rose metal



Crystal &
Copper metal



Crystal &
Black metal



Lighting effects

INJECTED LIGHT



Crystal tubes with bubbles inside are ideal for injected light. The bubbles create little sparkles so each component is illuminated along its entire length.

White light and RGBW colours are available, giving even more possibilities for dynamic or more complex lighting effects. The light sources in the grid face different directions depending on your design for full control over your dynamic element. A dynamic Crystal Grid highlights the spatial structure and organic crystal, not to mention creating a unique fixture for your space.

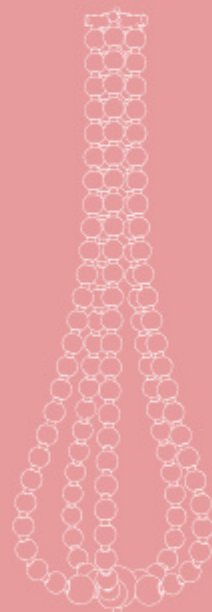




CG504
Dimensions: 11700 × 14600 × 7800 mm
Number of crystal components: 59 pcs
Number of connectors: 37 pcs

Pearl Drop

SIGNATURE DESIGNS



Signature *Designs*

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.

What makes a Signature Design so strategic is the variations that can be developed. Each concept offers different scales, compositions, colours, materials and surface finishes, construction principles and illumination methods.

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 Drop

Pearl Drop is a statement lighting piece, classic in its reference to pearls but modern in the simplicity of its overall shape. Crystal pearls, created from triplex opal and crystal are threaded with smaller metal spheres. Because of the simplicity of the components, the design can be constructed into a variety of shapes.

This sparkling treasure was inspired by the lights and the jewellery in classical Dutch paintings. Enthusiasm for the past leads to contemporary creation for the present.





PDC39
Dimensions: 2130 x 1150 x 690 mm
Component size: 80 mm
Total running meters: 5.6 m

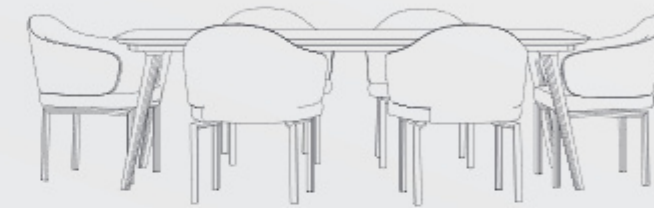
Flexible design concept

Signature Designs are an exclusive concept that allows designers to completely customize our lighting designs for their space. They make creating a customized light a convenient and intelligent way to include creative lighting in your design.

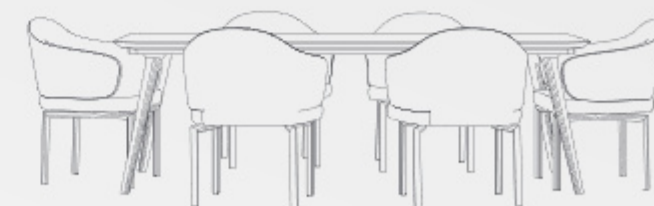
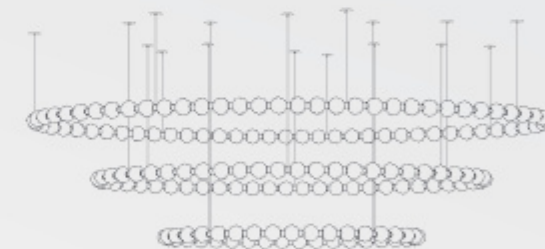
Be inspired by our sample compositions and customize them to the size of your space, or create your own shape for a one-of-a-kind look.

COLLABORATE WITH THE ECOJAS DESIGN TEAM

Whether you adapt any of the original compositions or create your own individual design Ecojas's design team can help. Show us your space and outline your idea and we will prepare drawings and 3D data.



Free-hand composition by designer
/ Designer's part

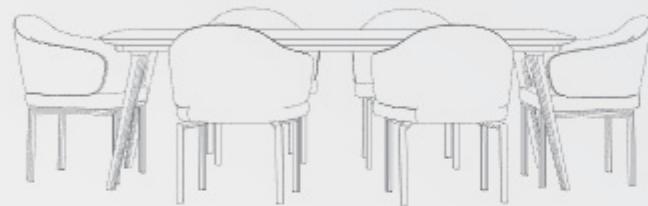


Drawings and 3D data by ECOJAS design team /
ECOJAS's part

PDC 40
Dimensions: 2760 x 1450 x 680 mm
Component size: 80 mm
Total running meters: 14.9 m

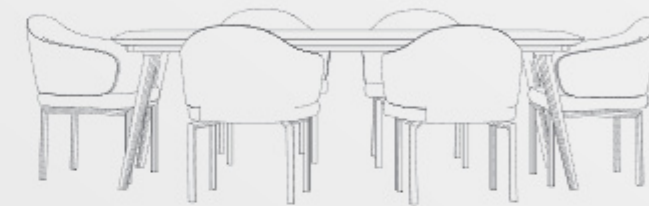
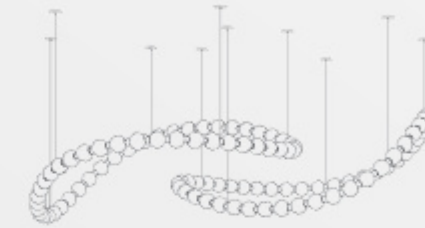
BRING PEARL DROP TO LIFE

Here we share examples of how different compositions can look in a space. Each image shows how one of the suggested designs has been customized to fit the designer's vision and space.



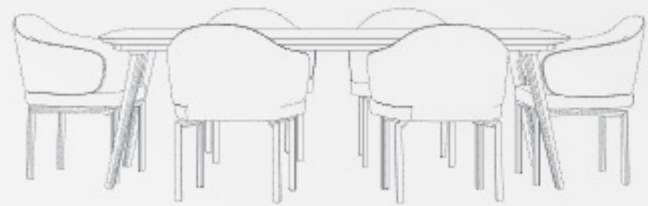
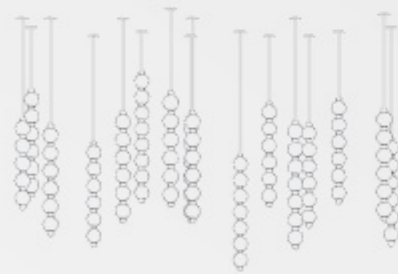
Top view

PDC 37
 Dimensions: 2330 x 1660 x 1020 mm
 Component size: 80 mm
 Total running meters: 10.5 m
Based on the original composition PDC 31 (p. 18)



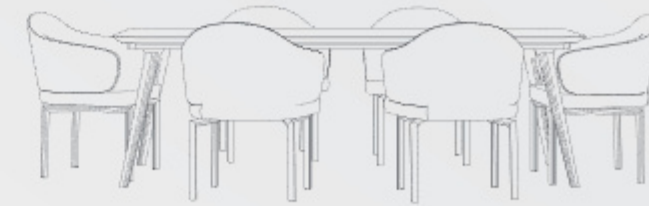
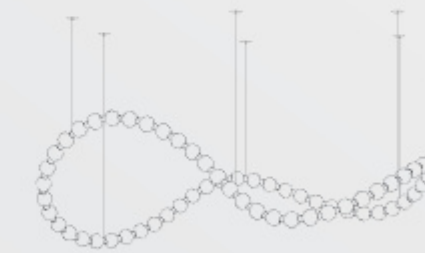
Top view

PDC 38
 Dimensions: 2130 x 1840 x 590 mm
 Component size: 80 mm
 Total running meters: 8.8 m
Based on the original composition PDC 29 (p. 22)



Top view

PDA 03
 Dimensions: 2050 x 940 x 1060 mm
 Component size: 80 mm
 Total running meters: 9.6 m
Based on the original composition PDA 01 (p. 18)



Top view

PDC 39
 Dimensions: 2130 x 1150 x 690 mm
 Component size: 80 mm
 Total running meters: 5.6 m
Based on the original composition PDC 27 (p. 16)

Composition ideas



Top view



PDC 01
 Dimensions: dia 500 × 1400 mm
 Component size: 50, 70, 100 mm
 Total running meters: 7.5 m



Top view



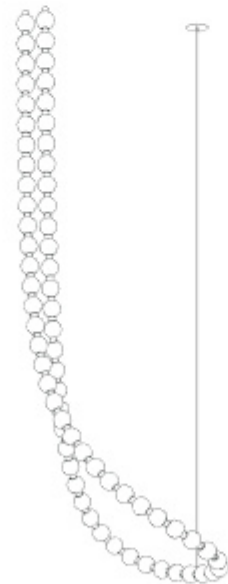
PDC 13
 Dimensions: 1000 × 790 × 1490 mm
 Component size: 50 mm
 Total running meters: 5 m



Top view



PDC 11
 Dimensions: 490 × 440 × 1190 mm
 Component size: 50 mm
 Total running meters: 3.1 m

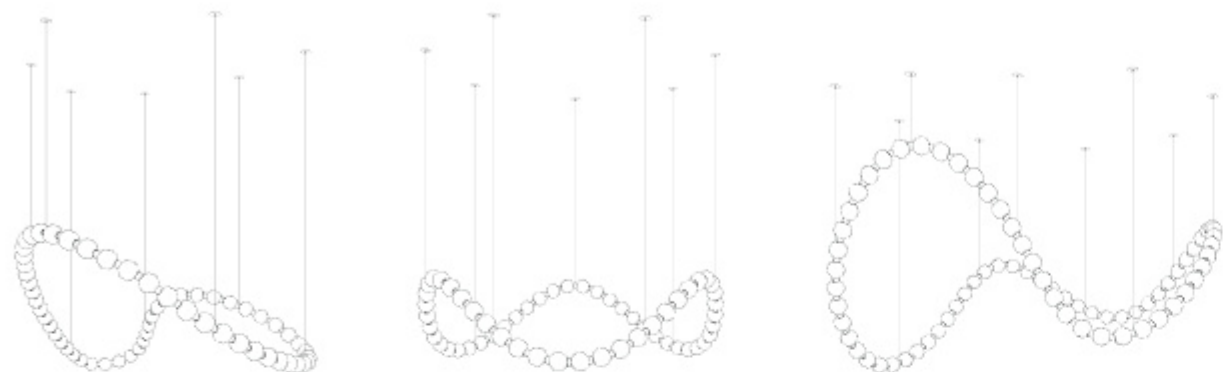


Top view



PDC 12
 Dimensions: 560 × 440 × 1590 mm
 Component size: 50 mm
 Total running meters: 3.8 m





Top view



PDC 14

Dimensions: 2100 x 1880 x 1160 mm
Component size: 100 mm
Total running meters: 6.8 m

Top view



PDC 28

Dimensions: dia 1930 x 560 mm
Component size: 100 mm
Total running meters: 6.5 m

Top view



PDC 27

Dimensions: 2480 x 1680 x 1330 mm
Component size: 100 mm
Total running meters: 8.1 m



Top view



PDC 08

Dimensions: dia 1600 mm
Component size: 80 mm
Total running meters: 4.7 m

Top view



PDL 06

Dimensions: 4260 x 1760 x 1030 mm
Component size: 100 mm
Total running meters: 10.4 m



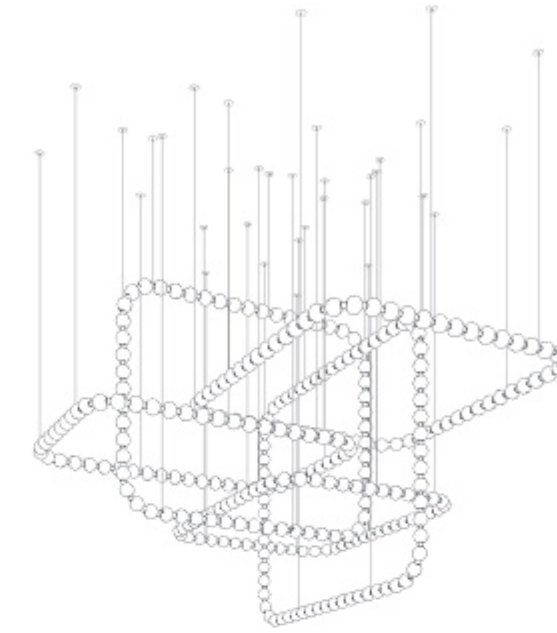
PDC 08
Dimensions: dia 1600 mm
Component size: 80 mm
Total running meters: 4.7 m



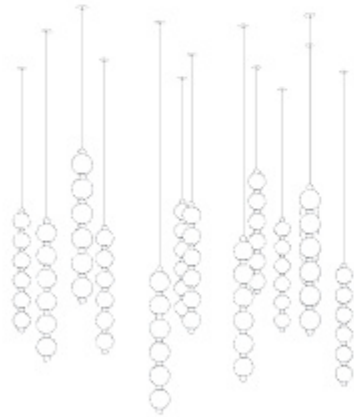
PDL 05
 Dimensions: 1500 × 60 × 80 mm
 Component size: 80 mm
 Total running meters: 1.5 m



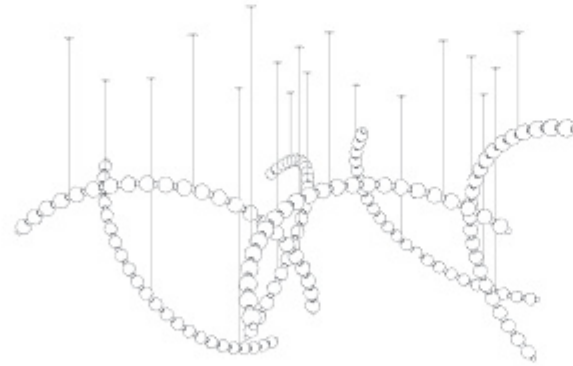
PDL 02
 Dimensions: 1580 × 160 × 710 mm
 Component size: 50 mm
 Total running meters: 5.6 m



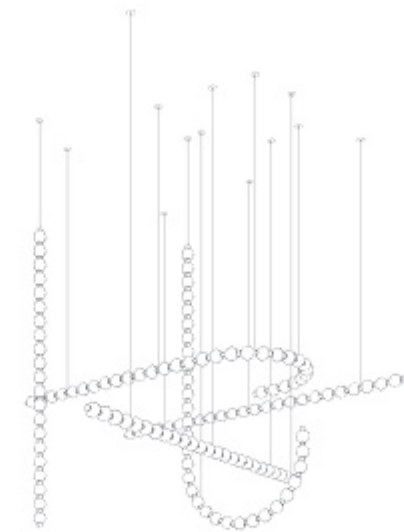
PDC 31
 Dimensions: 3150 × 3620 × 2190 mm
 Component size: 100 mm
 Total running meters: 34.4 m



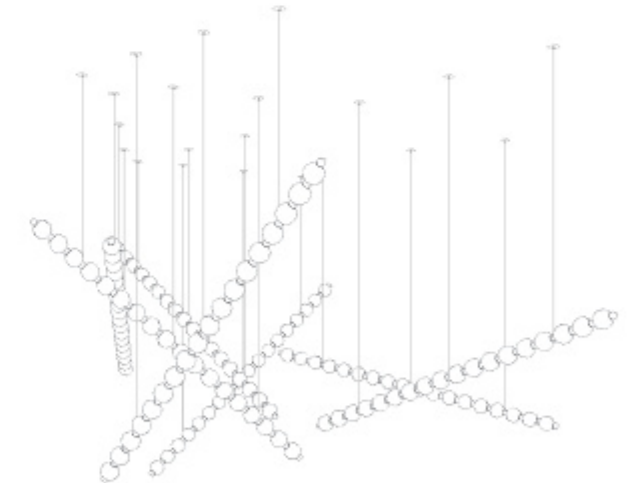
PDA 02
 Dimensions: 2410 × 1680 × 1570 mm
 Component size: 120 mm
 Total running meters: 11 m



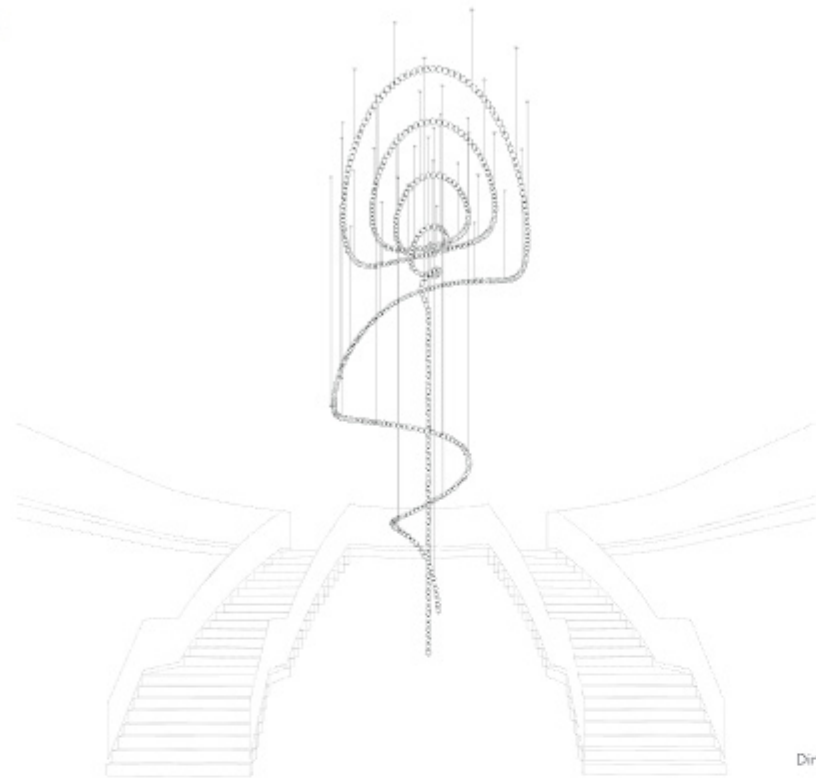
PDC 32
 Dimensions: 3930 × 3510 × 1810 mm
 Component size: 100 mm
 Total running meters: 16.3 m



PDC 34
 Dimensions: 2930 × 2990 × 2460 mm
 Component size: 100 mm
 Total running meters: 15.7 m

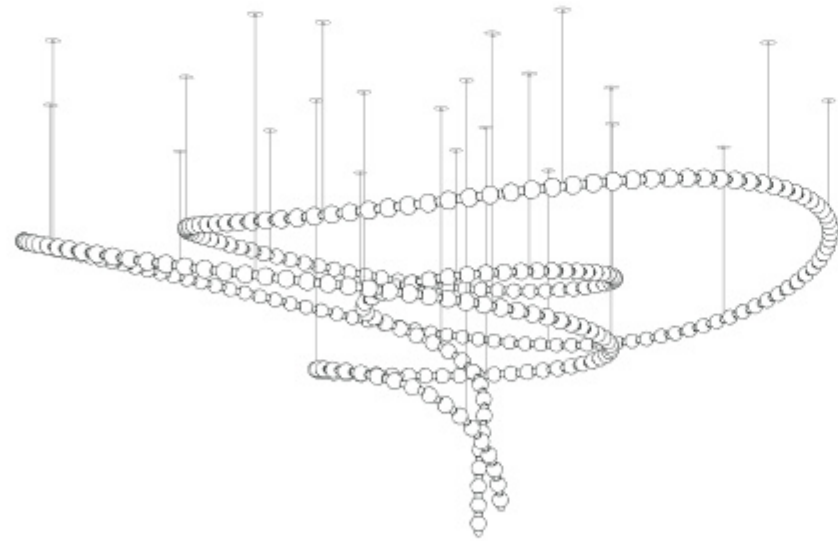


PDC 33
 Dimensions: 3940 × 3520 × 1750 mm
 Component size: 100 mm
 Total running meters: 14.6 m



Top view

PDV 03
 Dimensions: 7220 × 4420 × 10280 mm
 Component size: 100 mm
 Total running meters: 67.1 m



Top view

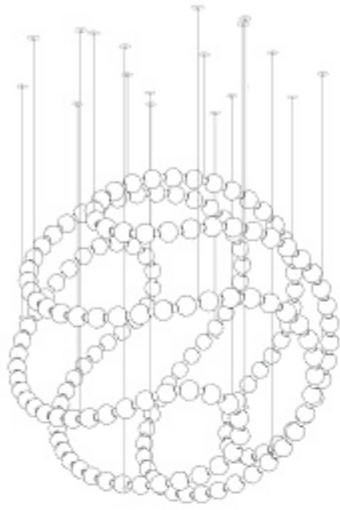
PDC 17
 Dimensions: 3520 × 2990 × 1410 mm
 Component size: 70 mm
 Total running meters: 22.9 m



PDV 03
 Dimensions: 7220 × 4420 × 10280 mm
 Component size: 100 mm
 Total running meters: 67.1 m



CENTRAL

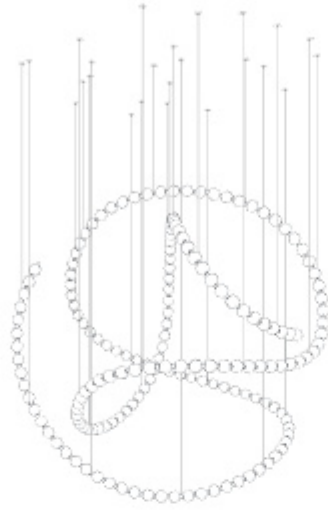


Top view



PDC 15

Dimensions: 1850 • 1880 • 1850 mm
Component size: 100 mm
Total running meters: 20 m



Top view

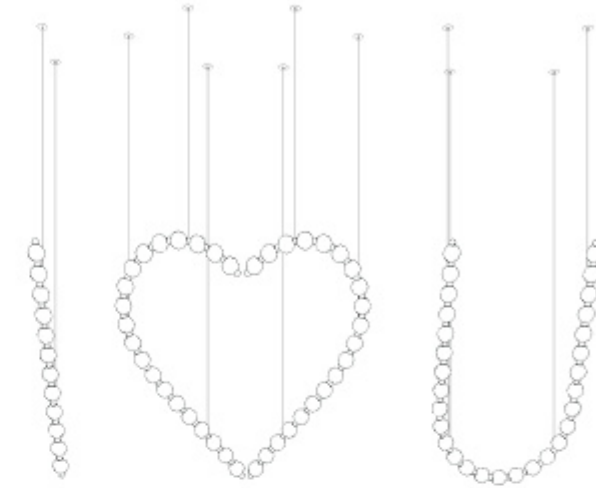


PDC 35

Dimensions: 3260 • 2960 • 3320 mm
Component size: 120 mm
Total running meters: 24 m



CENTRAL

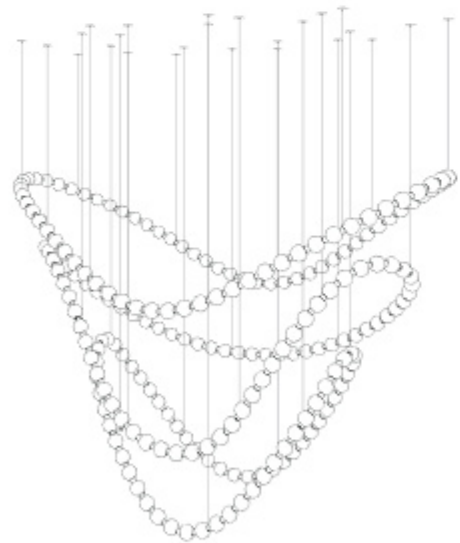


Top view



PDC 30

Dimensions: 3450 • 840 • 1370 mm
Component size: 100 mm
Total running meters: 9.4 m

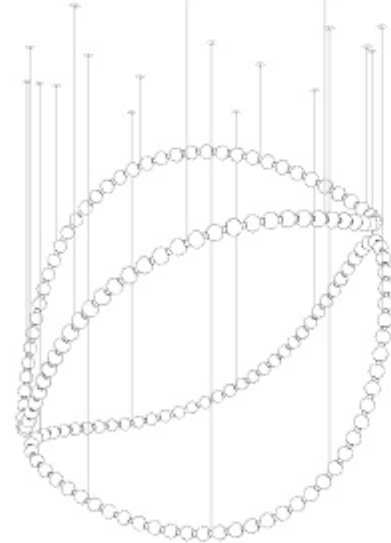


Top view



PDC 16

Dimensions: 3340 • 1670 • 2470 mm
Component size: 100 mm
Total running meters: 23.7 m



Top view

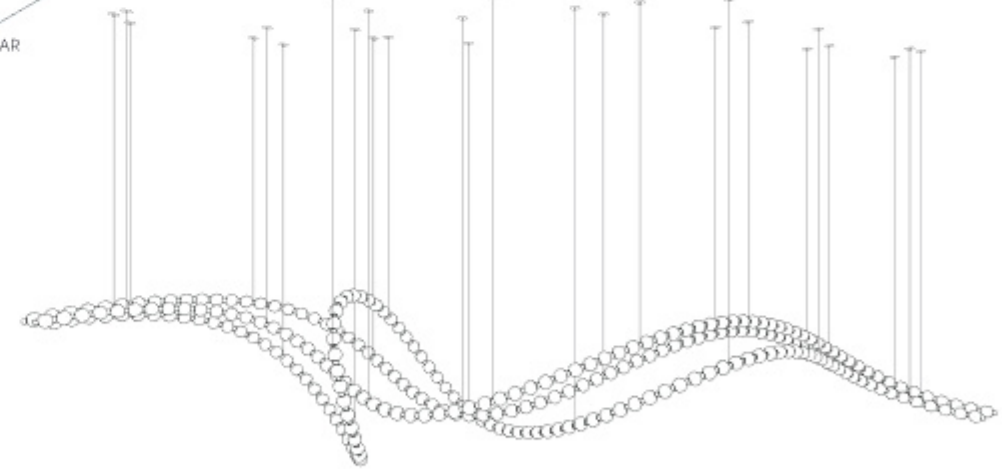


PDC 29

Dimensions: 2330 • 2640 • 2890 mm
Component size: 100 mm
Total running meters: 16.9 m



LINEAR



Top view



PDL 03

Dimensions: 6170 • 1370 • 1130 mm
Component size: 80 mm
Total running meters: 24 m





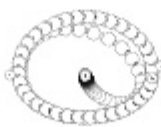
Top view



PDV 02
Dimensions: 3050 x 2390 x 7280 mm
Component size: 100 mm
Total running meters: 51.7 m



Top view

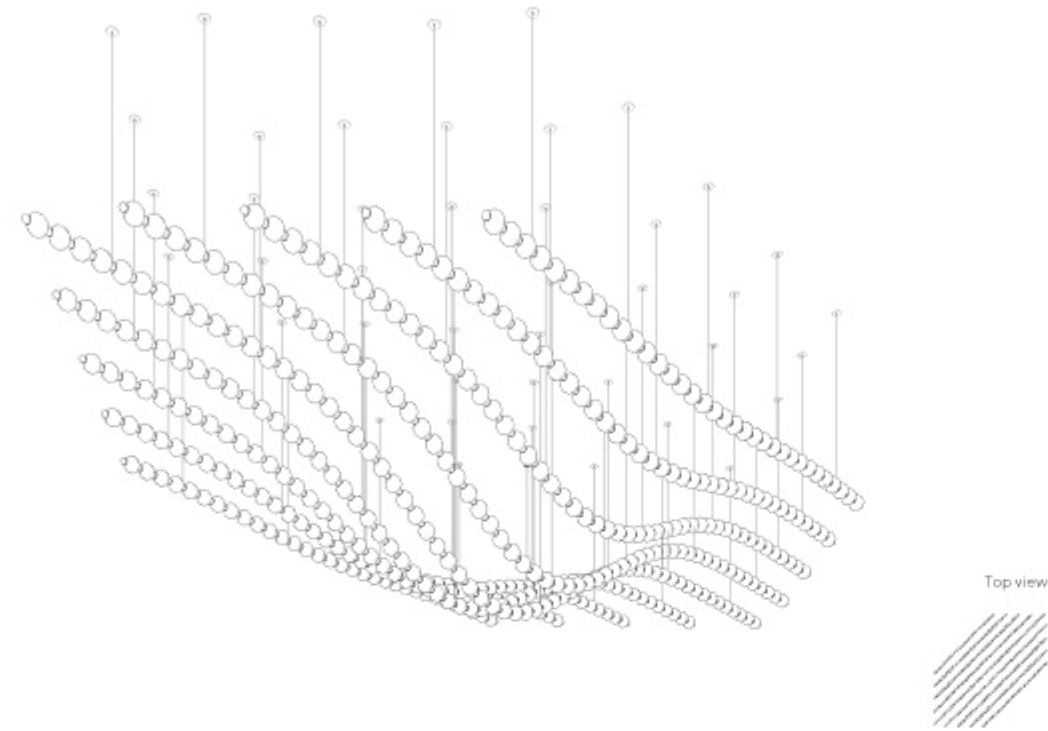


PDV 04
Dimensions: 860 x 670 x 7050 mm
Component size: 80 mm
Total running meters: 16.6 m

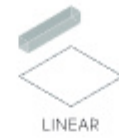




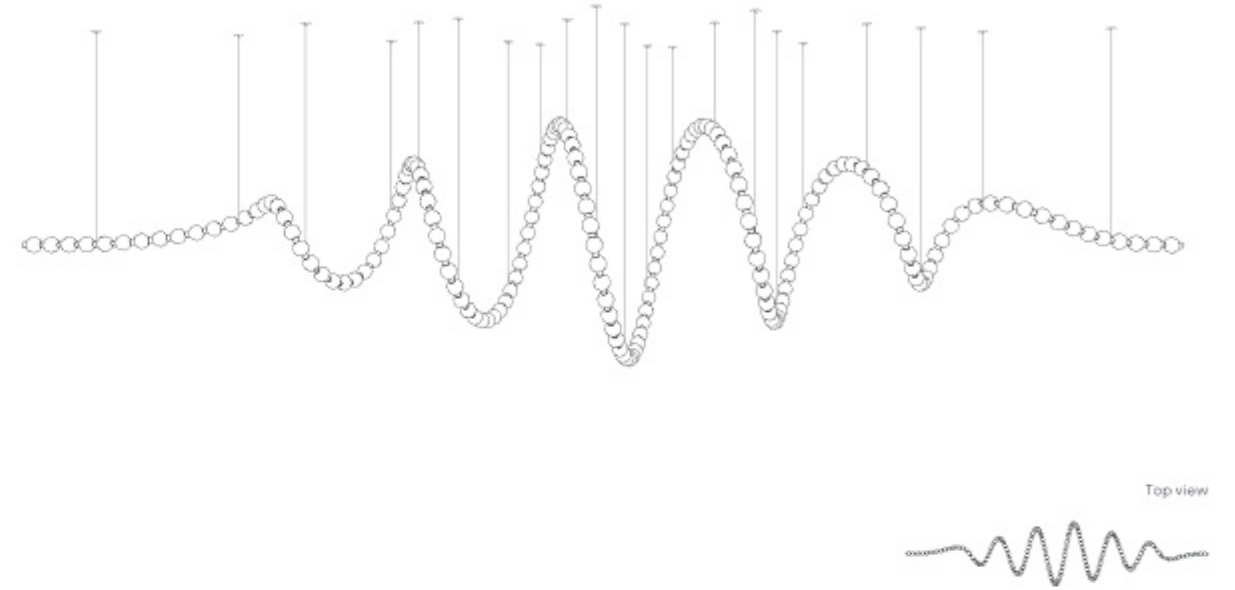
AREAL



PDA 01
 Dimensions: 4990 × 4990 × 950 mm
 Component size: 100 mm
 Total running meters: 48.6 m



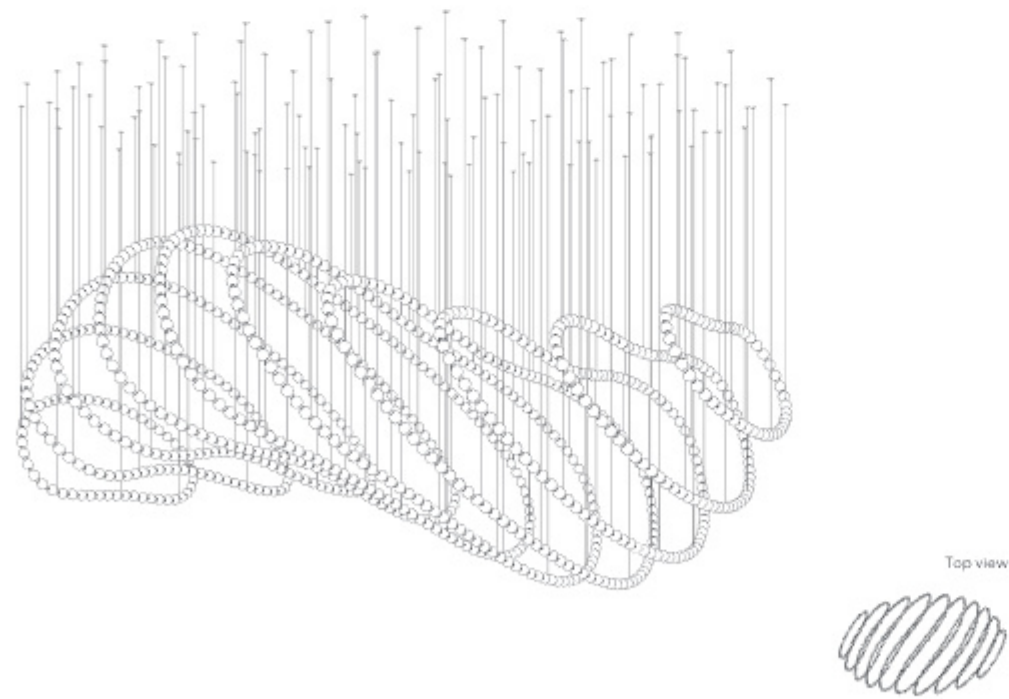
LINEAR



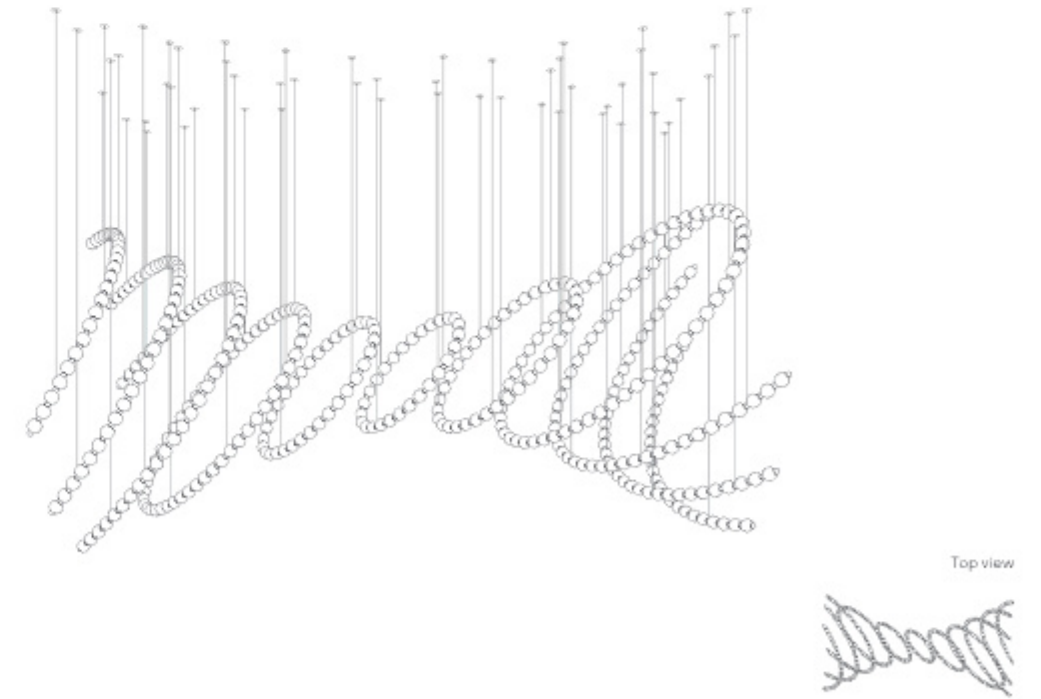
PDL 08
 Dimensions: 7610 × 1640 × 1630 mm
 Component size: 100 mm
 Total running meters: 20.1 m



CENTRAL



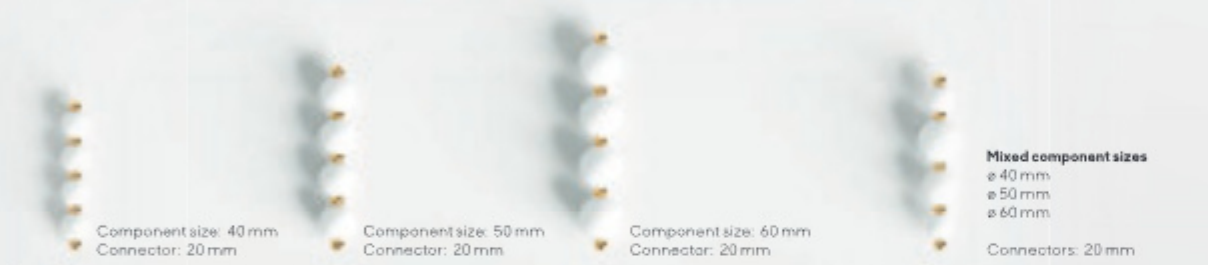
PDC 36
 Dimensions: 8670 × 5290 × 3970 mm
 Component size: 120 mm
 Total running meters: 115.8 m



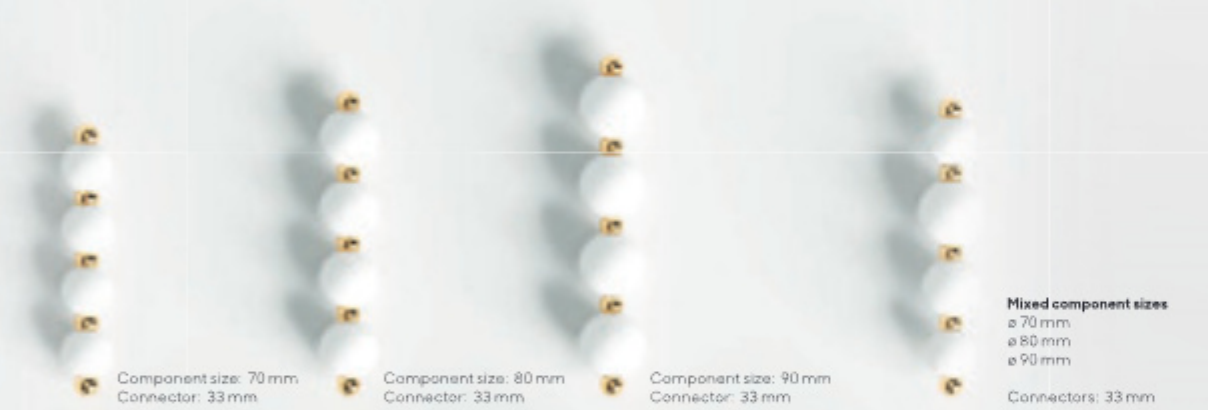
PDL 07
 Dimensions: 5400 × 2870 × 2870 mm
 Component size: 100 mm
 Total running meters: 48 m

Construction principles

Pearl Drop is a self-supporting structure and needs only a few suspension points in the ceiling. This makes it particularly suitable to hang freely in a space, visible from all sides, even from the top. Hanging under skylights is also a possibility as no large fixing plate is needed.



size S * maximal 5 running meters and overall dimension not larger than 2500 × 1500 × 1500 mm



size M

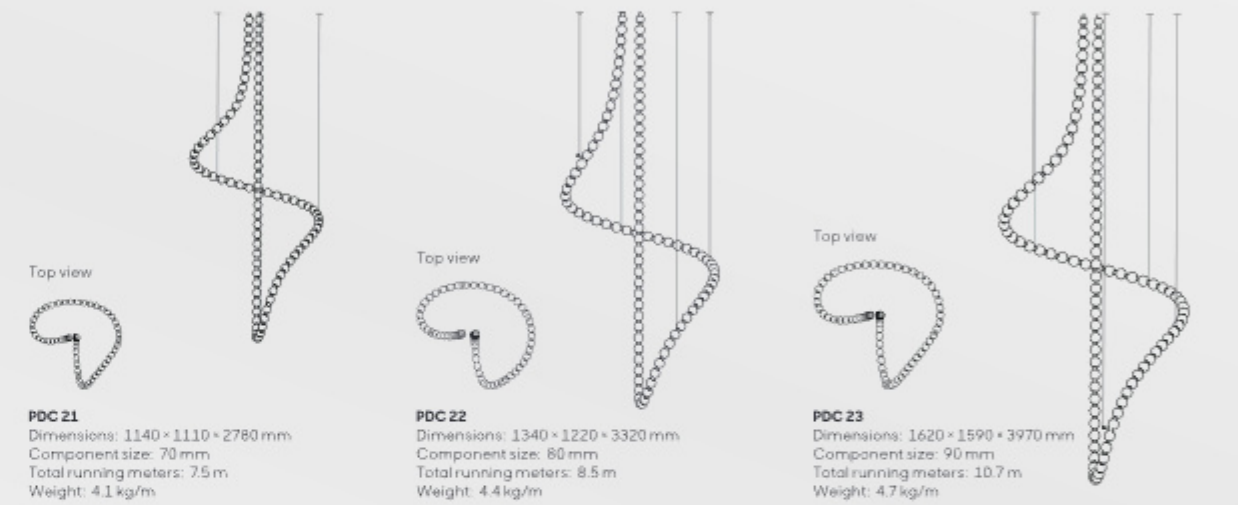


size L

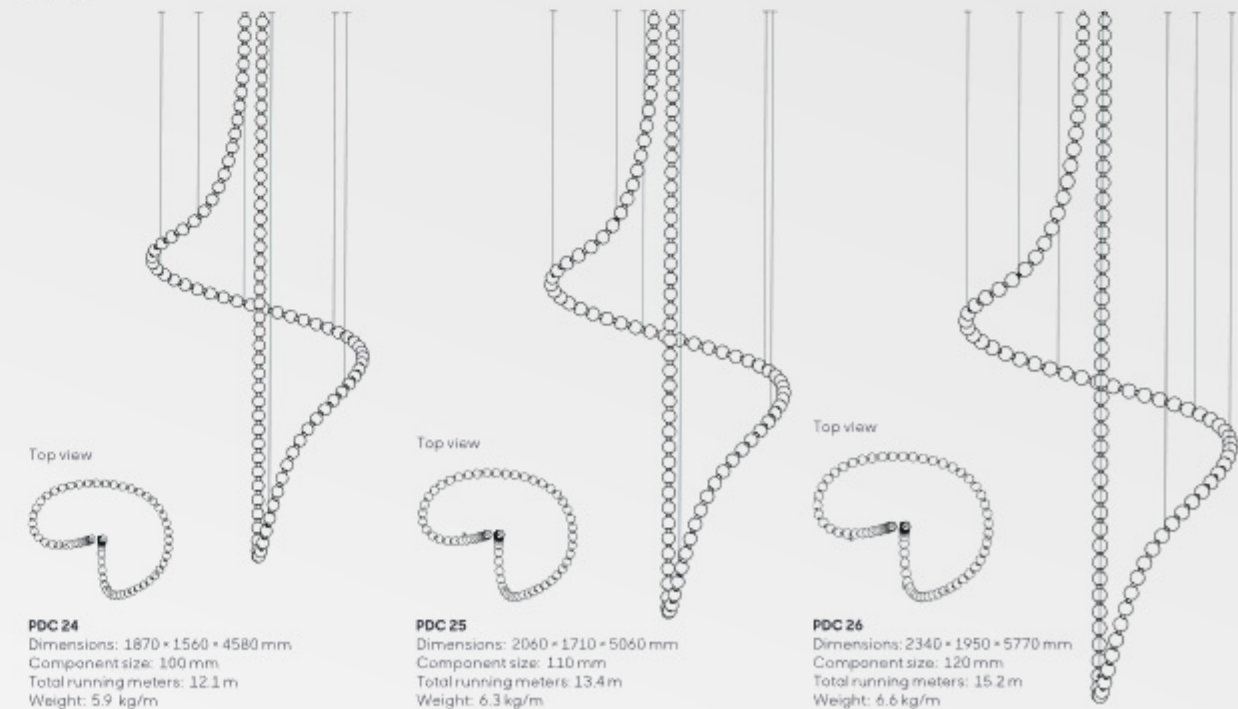
STANDARD SIZES OF CONSTRUCTION



size S * maximal 5 running meters and overall dimension not larger than 2500 × 1500 × 1500 mm



size M



size L

Components & materials

From the heart of Crystal Valley comes a beautiful lighting component that looks like a pearl. It is smooth and luxurious; it provides an even illumination, and looks beautiful, lit or not. What is this gorgeous element that is an inspiration behind Pearl Drop?

Triplex Opal is a special glassmaking technique unique to the LL glassworks. It results in lighting spheres that resemble actual pearls. Because they are handmade, each one is an original and features organic elements similar to real pearls.

Triplex Opal is a desirable material for a number of reasons. The meticulous way it is made results in a component that evenly illuminates an interior, removes glare, and offers a gorgeous and delicate glow effect in combination with injected light.

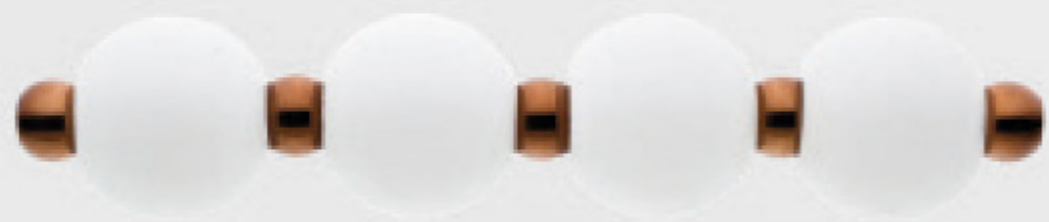
CRYSTAL & METAL



Triplex opal & gold metal



Triplex opal & stainless steel



Triplex opal & copper metal



Handcut crystal & gold metal



Optical decor & stainless steel



Smoky frosted & copper metal

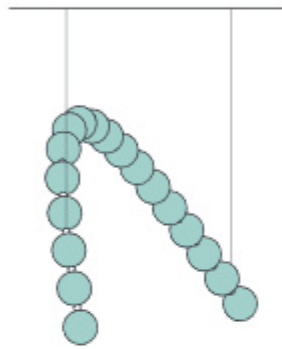
Lighting effects

STATIC LIGHTING



Injected light

Triplex opal spheres are evenly lit from inside. LED light sources create a gentle glowing appearance. Warm white, neutral white or cold white lighting can be used to make the fixture suitable for various spaces.



DYNAMIC LIGHTING



Injected light

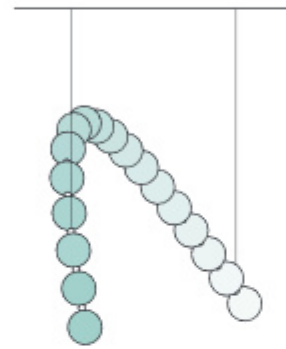


Dynamic light



RGBW light

Integrated SPI-LED (tunable white) strips or SPI-RGBW-LED strips allow for the possibility of programmable dynamic lighting effects.

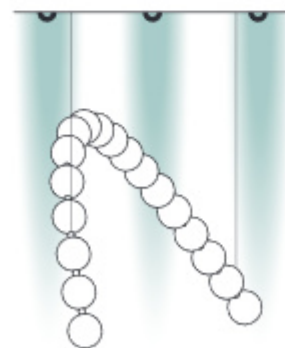


DOWNLIGHT ILLUMINATION



Passing light

Cut crystal spheres sparkle the most when externally lit. For example, with downlights above the sculpture-like Pearl Drop.

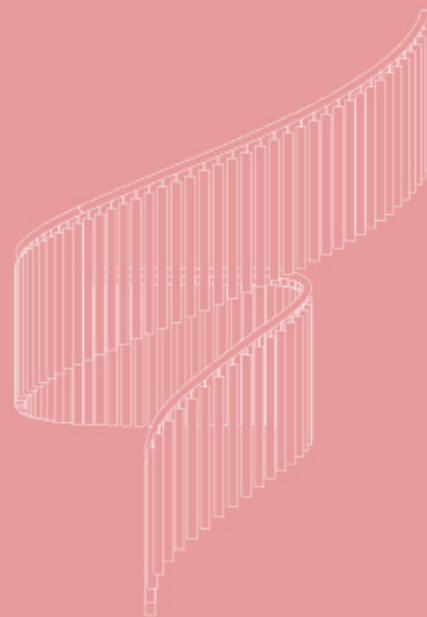




PDL 03
Dimensions: 6170 • 1370 • 1130 mm
Component size: 80 mm
Total running meters: 24 m

Crystal Spin

SIGNATURE DESIGNS



Signature Designs

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.

What makes a Signature Design so strategic is the variations that can be developed. Each concept offers different scales, compositions, colours, materials and surface finishes, construction principles and illumination methods.

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.

Crystal *Spin*

Crystal Spin is a playful organic light, shifting in space through shape and sparkle. There are two parts to this installation, both equally important in terms of structure and design.

First are the crystal cylinder components. These are flexible and reflective; designers can choose the rods and finish to create the style and artistry they desire.

Second, Crystal Spin's frame is not simply a functional support. The frame can be shaped and finished as one wishes. Using this frame allows for Crystal Spin to be installed in atriums and in skylights. From a design perspective it results in a volume of components on a vertical level.





CSC 24
Dimensions: 2200 x 2410 x 2420 mm
Component size: 32 / 490 mm
Number of components: 340 pcs
Total running meters: 16.7 m

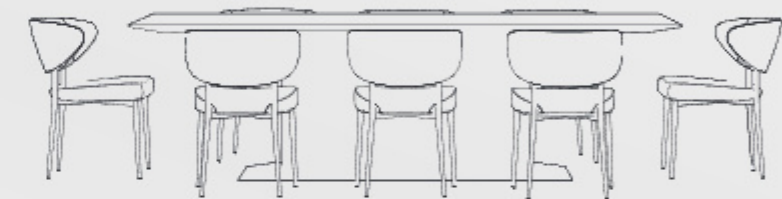
Flexible design concept

Signature Designs are an exclusive concept that allow designers to completely customize our lighting designs for their space. They make creating a customized light a convenient and intelligent way to include creative lighting in your design.

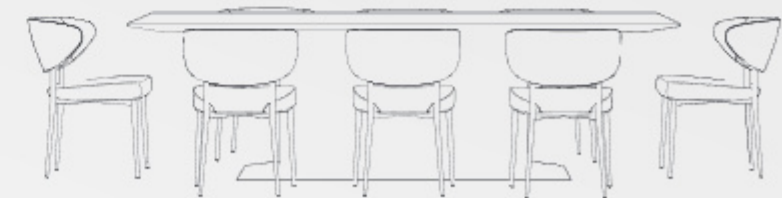
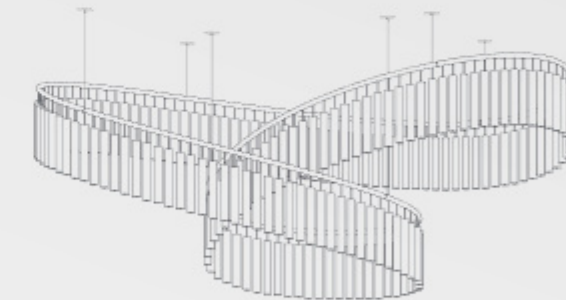
Be inspired by our sample compositions and customize them to the size of your space, or create your own shape for a one-of-a-kind look.

COLLABORATE WITH THE ECOJAS DESIGN TEAM

Whether you adapt any of the original compositions or create your own individual design, ECOJAS's design team can help. Show us your space and outline your idea and we will prepare drawings and 3D data.



Free-hand composition by designer
/ Designer's part

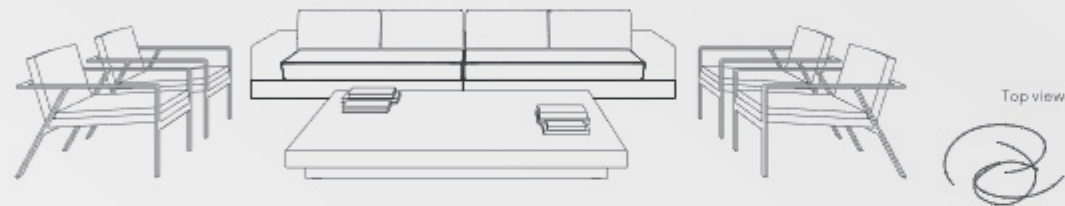
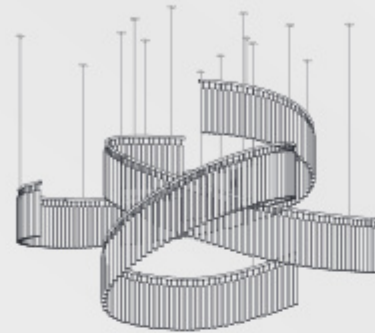


Drawings and 3D data by ECOJAS design team /
ECOJAS's part

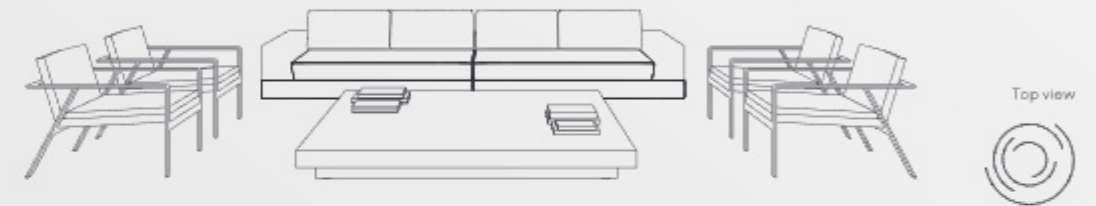
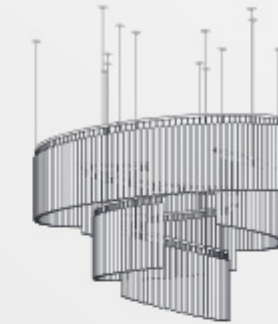
CSC 20
Dimensions: 1040 x 2290 x 1010 mm
Component size: 32 / 230 mm
Number of components: 173 pcs
Total running meters: 8 m

BRING CRYSTAL SPIN TO LIFE

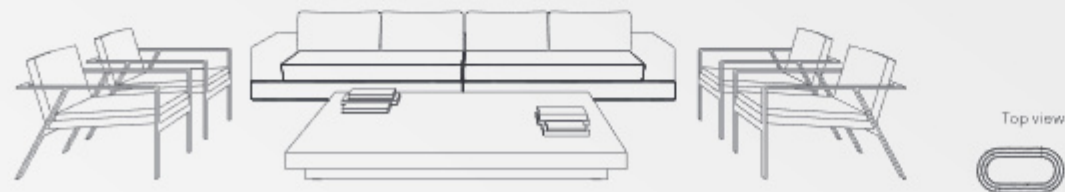
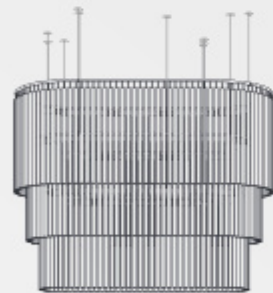
Here we share examples of how different compositions can look in a space. Each image shows how one of the suggested designs has been customized to fit the designer's vision and space.



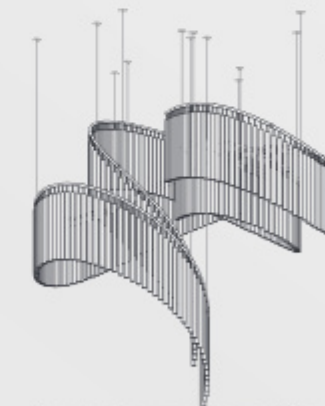
CSC 21
 Dimensions: 1960 × 2860 × 1980 mm
 Component size: 32 / 350 mm
 Number of components: 295 pcs
 Total running meters: 13.9 m
Based on the original composition CSC 39 (p. 14)



CSC 22
 Dimensions: 2210 × 2030 × 1520 mm
 Component size: 32 / 490 mm
 Number of components: 265 pcs
 Total running meters: 12 m
Based on the original composition CSC 39 (p. 14)

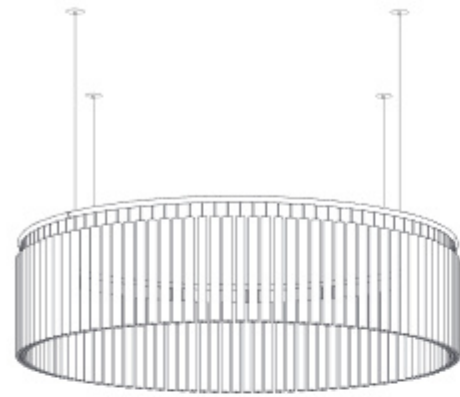


CSC 23
 Dimensions: 1090 × 2090 × 1580 mm
 Component size: 32 / 725 mm
 Number of components: 315 pcs
 Total running meters: 14.1 m
Based on the original composition CSC 31 (p. 16)

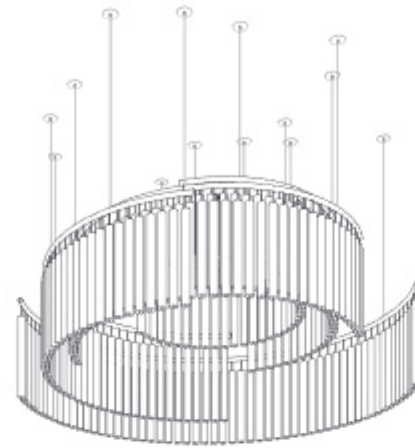


CSC 24
 Dimensions: 2200 × 2410 × 2420 mm
 Component size: 32 / 490 mm
 Number of components: 340 pcs
 Total running meters: 16.7 m
Based on the original composition CSC 31 (p. 18)

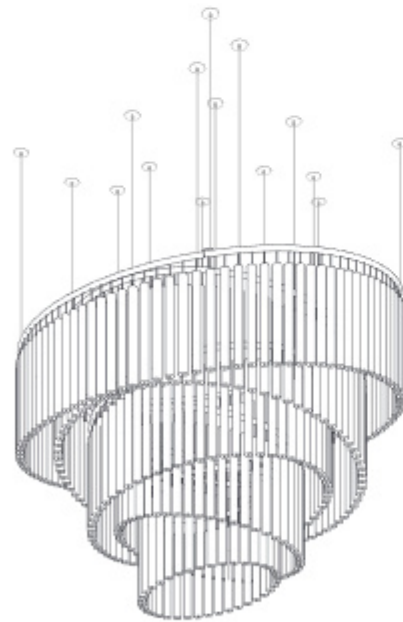
Composition ideas



CSC 25
 Dimensions: 1610 * 1610 * 420 mm
 Component size: 32 / 350 mm
 Number of components: 110 pcs
 Total running meters: 5 m

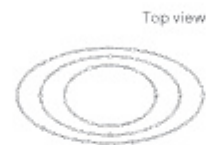
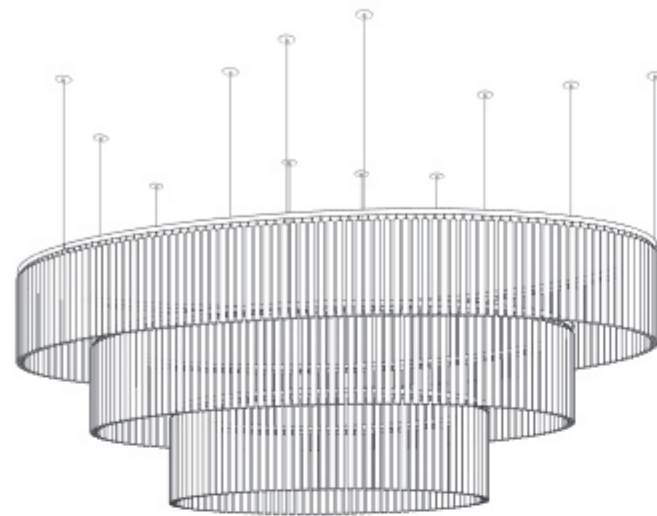


CSC 39
 Dimensions: 1700 * 1670 * 730 mm
 Component size: 32 / 350 mm
 Number of components: 230 pcs
 Total running meters: 10.5 m

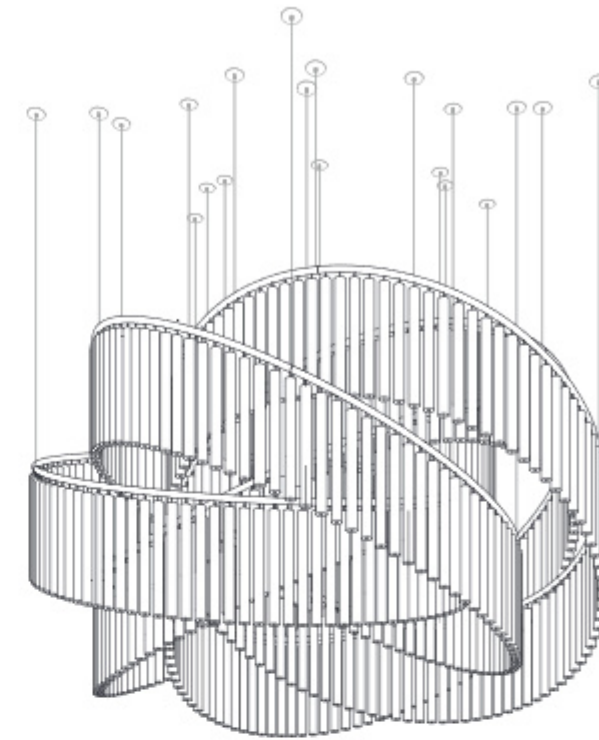


CSC 26
 Dimensions: 1560 * 1560 * 1230 mm
 Component size: 32 / 350 mm
 Number of components: 347 pcs
 Total running meters: 15.8 m

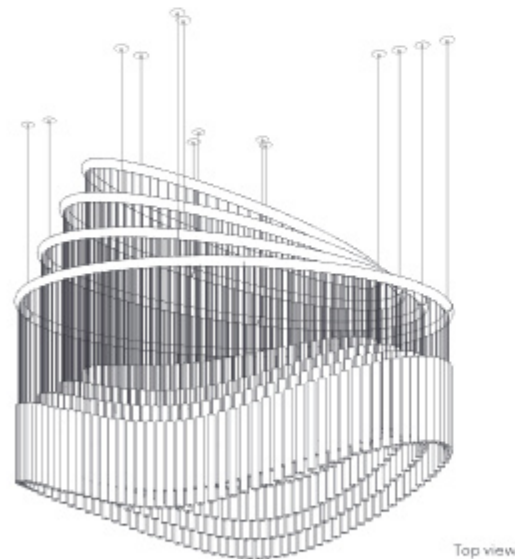




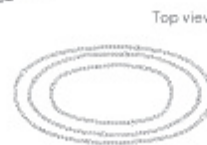
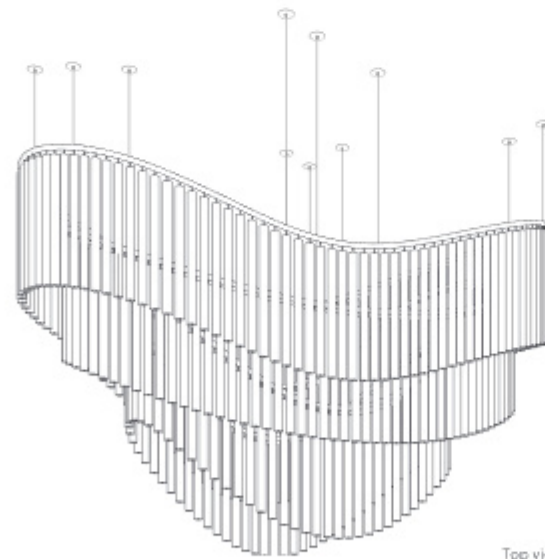
CSC 31
 Dimensions: 2710 × 1400 × 990 mm
 Component size: 24 / 350 mm
 Number of components: 431 pcs
 Total running meters: 15 m



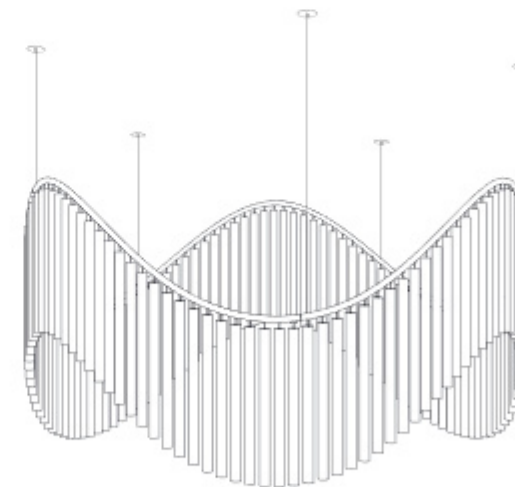
CSC 36
 Dimensions: 1970 × 1960 × 1070 mm
 Component size: 32 / 350 mm
 Number of components: 500 pcs
 Total running meters: 23.8 m



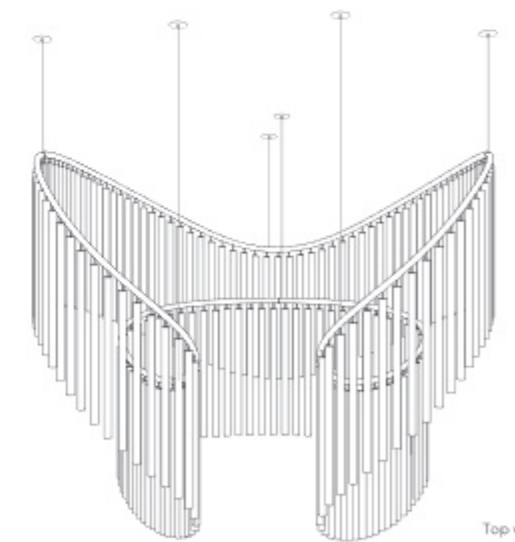
CSC 27
 Dimensions: 1240 × 2020 × 1740 mm
 Component size: 32 / 350 mm
 Number of components: 379 pcs
 Total running meters: 17.6 m



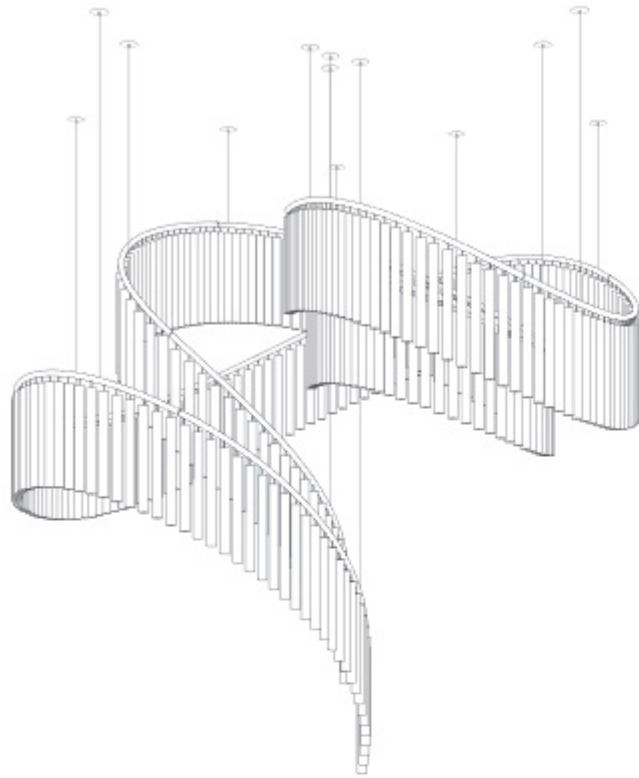
CSC 30
 Dimensions: 2320 × 1140 × 1500 mm
 Component size: 32 / 490 mm
 Number of components: 305 pcs
 Total running meters: 14.9 m



CSC 28
 Dimensions: 1860 × 1860 × 1000 mm
 Component size: 32 / 490 mm
 Number of components: 128 pcs
 Total running meters: 6.5 m



CSC 29
 Dimensions: 1530 × 1560 × 1300 mm
 Component size: 24 / 490 mm
 Number of components: 180 pcs
 Total running meters: 8.8 m



Top view



CSC 33
Dimensions: 2220 • 2030 • 2100 mm
Component size: 32 / 350 mm
Number of components: 314 pcs
Total running meters: 15.4 m



Top view



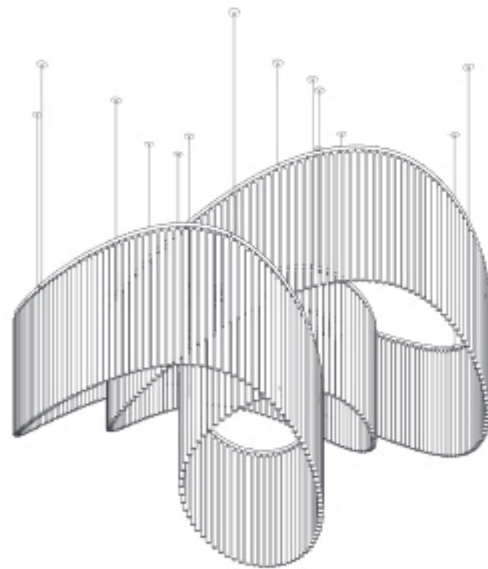
CSC 35
Dimensions: 1610 • 1690 • 1520 mm
Component size: 24 / 230 mm
Number of components: 336 pcs
Total running meters: 12.5 m



Top view



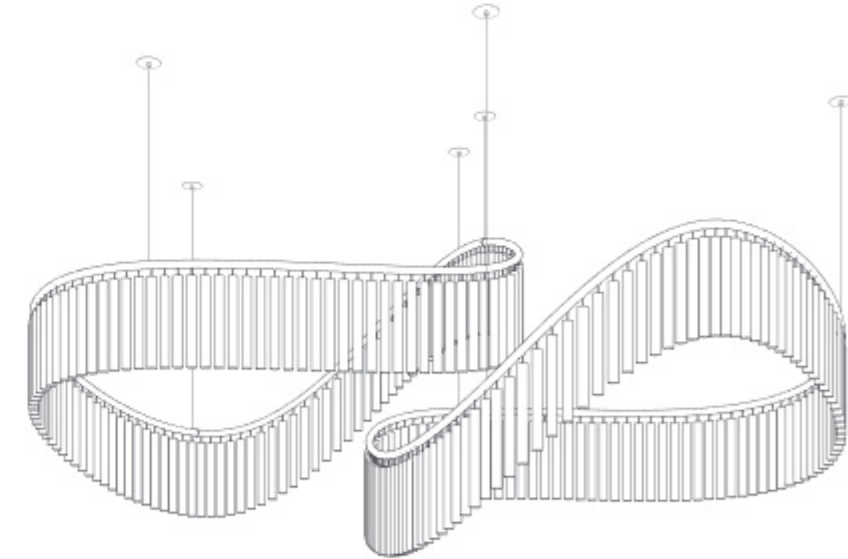
CSC 34
Dimensions: 1840 • 1540 • 1770 mm
Component size: 32 / 350 mm
Number of components: 141 pcs
Total running meters: 6.9 m



Top view



CSC 32
Dimensions: 3100 • 3040 • 2430 mm
Component size: 32 / 725 mm
Number of components: 410 pcs
Total running meters: 19.7 m



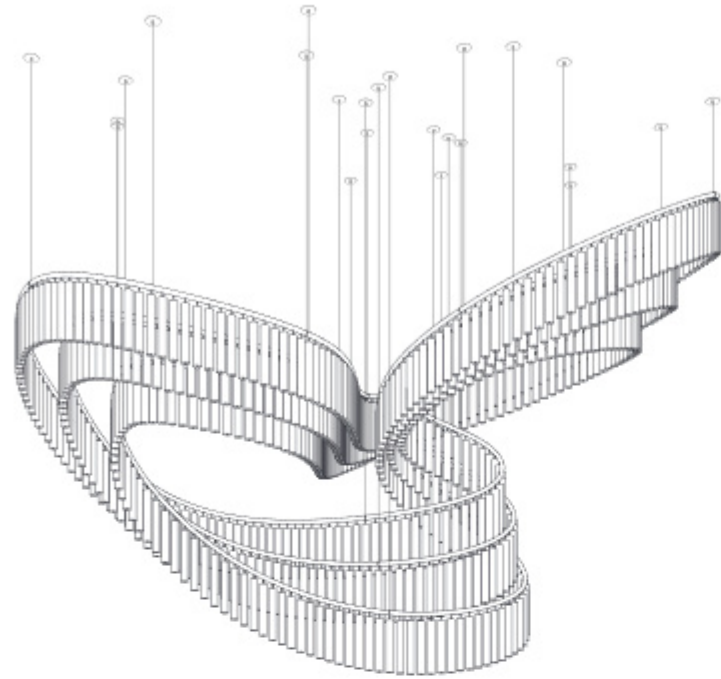
Top view



CSS 03
Dimensions: 2070 • 1780 • 930 mm
Component size: 24 / 230 mm
Number of components: 240 pcs
Total running meters: 8.8 m

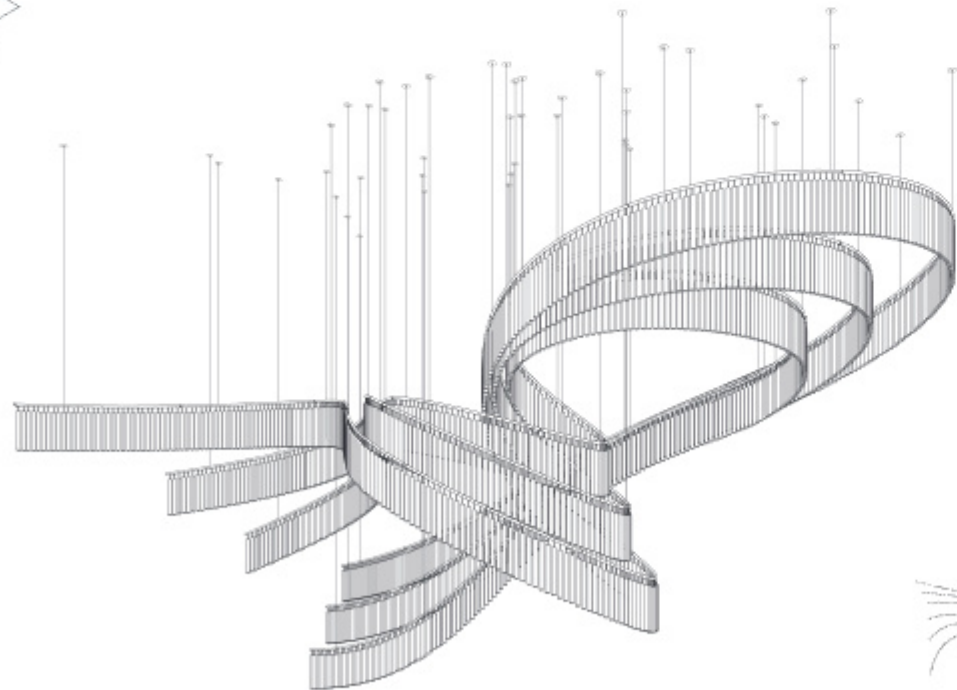


CSC 38
Dimensions: 2780 x 2620 x 2850 mm
Component size: 32 x 725 mm
Number of components: 266 pcs
Total running meters: 17.8 m



Top view

CSS 02
Dimensions: 3320 x 1900 x 2300 mm
Component size: 32 / 230 mm
Number of components: 708 pcs
Total running meters: 34.1 m



Top view

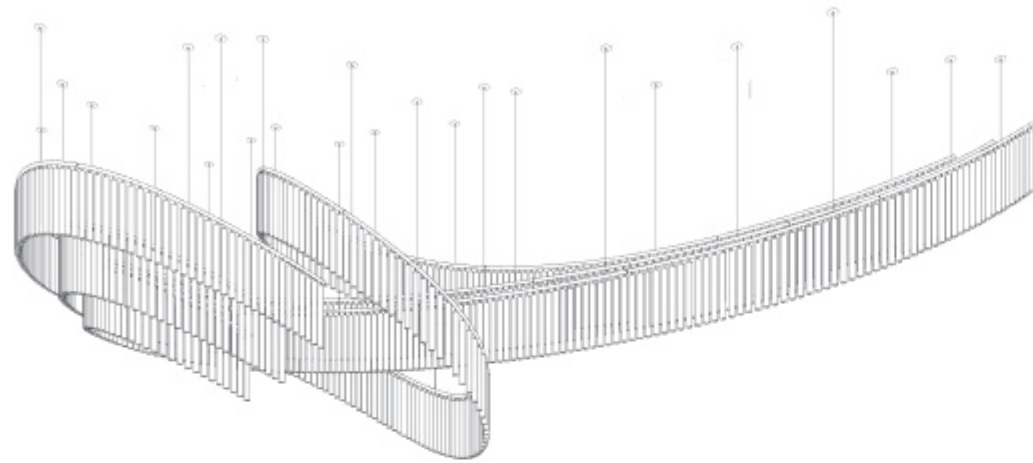
CSL 01
Dimensions: 8200 x 4600 x 3000 mm
Component size: 32 / 350 mm
Number of components: 1376 pcs
Total running meters: 65.2 m



CSV 01
Dimensions: 3040 x 2650 x 7120 mm
Component size: 32 / 490 mm
Number of components: 1078 pcs
Total running meters: 28.9 m



LINEAR



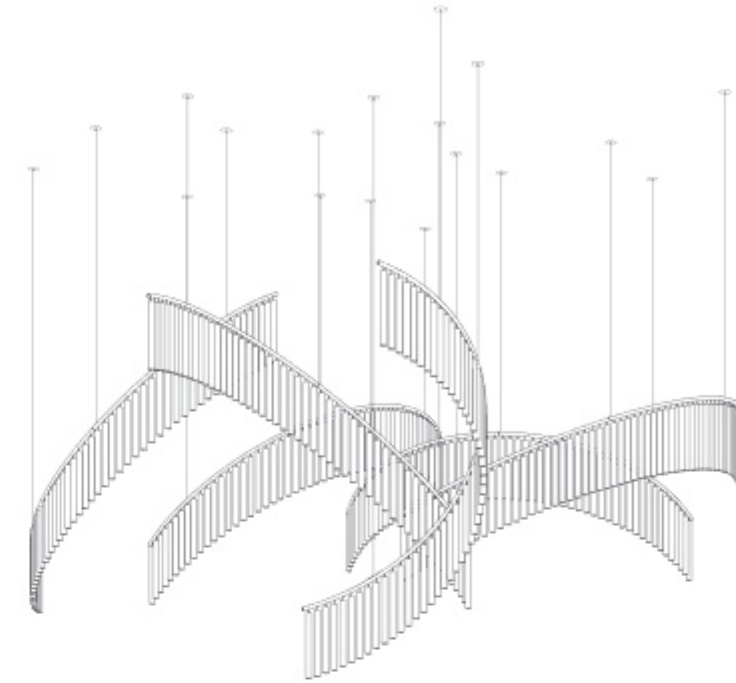
Top view



CSL 02
Dimensions: 5960 • 2400 • 1850 mm
Component size: 32 / 350 mm
Number of components: 676 pcs
Total running meters: 32 m



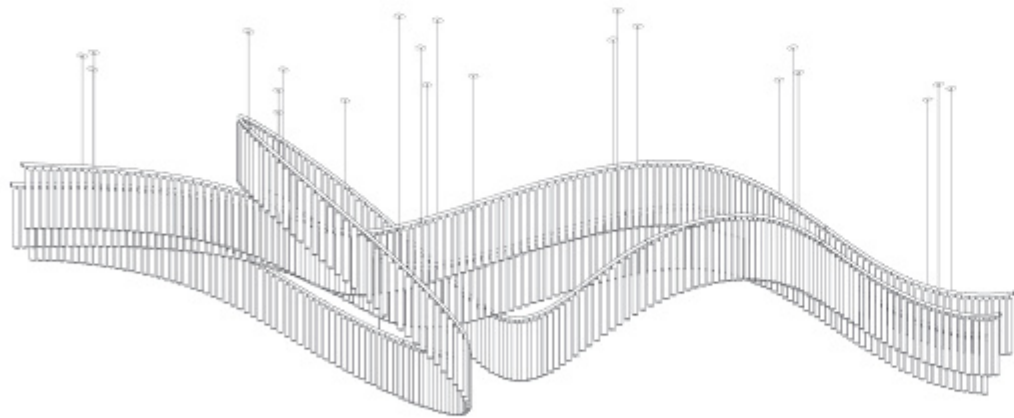
AREAL



Top view



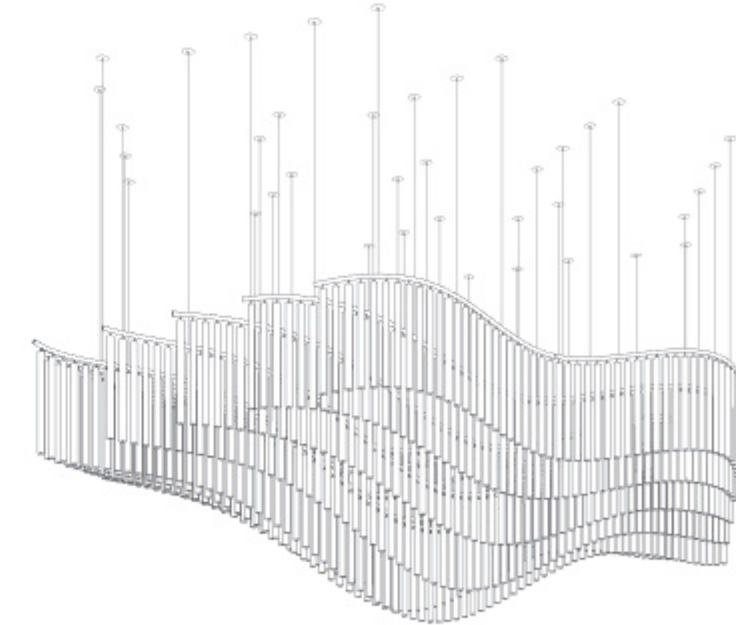
CSA 01
Dimensions: 3950 • 3650 • 2250 mm
Component size: 32 / 350 mm
Number of components: 326 pcs
Total running meters: 16.5 m



Top view



CSL 03
Dimensions: 6190 • 1460 • 1860 mm
Component size: 32 / 350 mm
Number of components: 544 pcs
Total running meters: 26.5 m



Top view

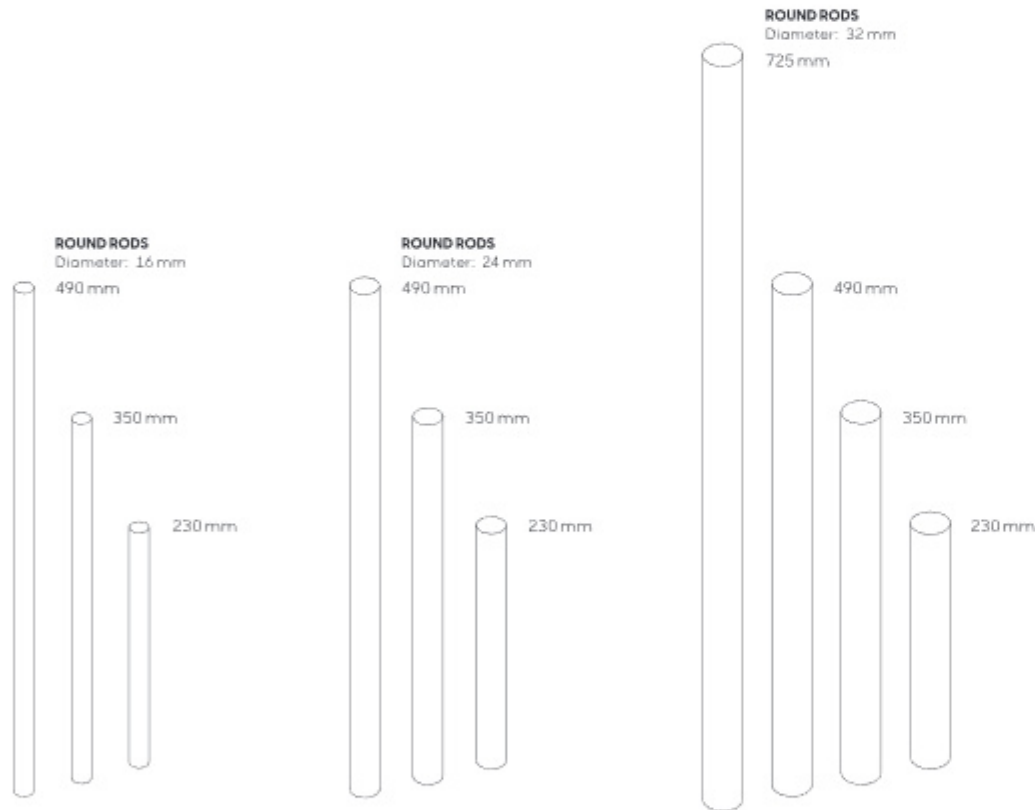


CSA 02
Dimensions: 3500 • 3500 • 1350 mm
Component size: 32 / 490 mm
Number of components: 575 pcs
Total running meters: 35.7 m











Construction & components

Crystal Spin is based on a rail frame. This is the main bearing the glass components are suspended from. The components are cylindrical crystal rods and tubes. They are available in three diameters and various lengths and surface treatments. The components are also infused with inner bubbles which carry light. The cylinders are handcrafted which results in slight, natural variations.

COMPONENT SIZES



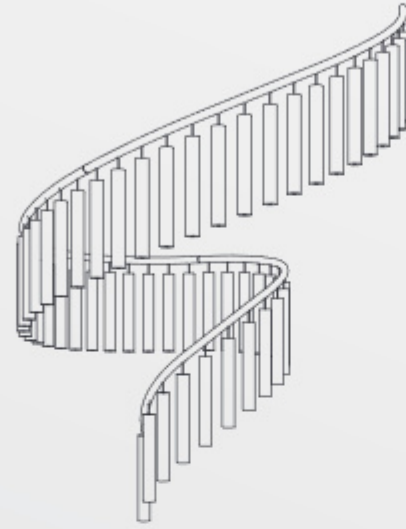
COMPONENTS IN THE DESIGN

		
<p>CSC 01 Component size: 32 / 230 mm Dimensions: 1040 × 910 × 1390 mm Number of components: 72 pcs Total running meters: 3.5 m</p>	<p>CSC 14 Component size: 24 / 230 mm Dimensions: 1030 × 920 × 1420 mm Number of components: 93 pcs Total running meters: 3.5 m</p>	<p>CSC 17 Component size: 16 / 230 mm Dimensions: 1030 × 920 × 1420 mm Number of components: 131 pcs Total running meters: 3.5 m</p>
		
<p>CSC 11 Component size: 32 / 350 mm Dimensions: 1030 × 930 × 1530 mm Number of components: 72 pcs Total running meters: 3.5 m</p>	<p>CSC 15 Component size: 24 / 350 mm Dimensions: 1030 × 920 × 1540 mm Number of components: 93 pcs Total running meters: 3.5 m</p>	<p>CSC 18 Component size: 16 / 350 mm Dimensions: 1030 × 920 × 1540 mm Number of components: 131 pcs Total running meters: 3.5 m</p>
		
<p>CSC 12 Component size: 32 / 490 mm Dimensions: 1030 × 930 × 1670 mm Number of components: 72 pcs Total running meters: 3.5 m</p>	<p>CSC 16 Component size: 24 / 490 mm Dimensions: 1030 × 920 × 1675 mm Number of components: 93 pcs Total running meters: 3.5 m</p>	<p>CSC 19 Component size: 16 / 490 mm Dimensions: 1030 × 920 × 1680 mm Number of components: 131 pcs Total running meters: 3.5 m</p>
		
<p>CSC 13 Component size: 32 / 725 mm Dimensions: 1030 × 930 × 1905 mm Number of components: 72 pcs Total running meters: 3.5 m</p>		

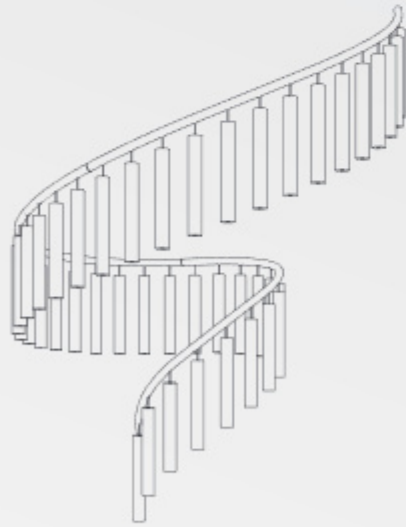
COMPONENT DENSITY



CSC 01
Component spacing: 45 mm
 Dimensions: 1050 × 920 × 1390 mm
 Component size: 32 / 230 mm
 Number of components: 72 pcs
 Total running meters: 3.5 m



CSC 02
Component spacing: 60 mm
 Dimensions: 1050 × 920 × 1390 mm
 Component size: 32 / 230 mm
 Number of components: 54 pcs
 Total running meters: 3.5 m

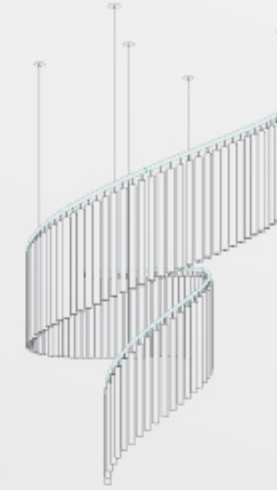


CSC 03
Component spacing: 75 mm
 Dimensions: 1050 × 920 × 1380 mm
 Component size: 32 / 230 mm
 Number of components: 43 pcs
 Total running meters: 3.5 m

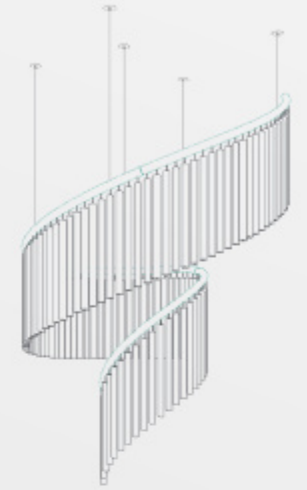


CSC 04
Component spacing: 90 mm
 Dimensions: 1050 × 920 × 1370 mm
 Component size: 32 / 230 mm
 Number of components: 36 pcs
 Total running meters: 3.5 m

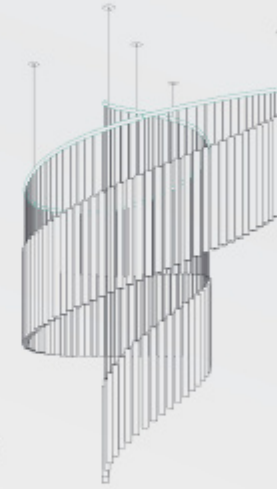
RAIL GEOMETRY



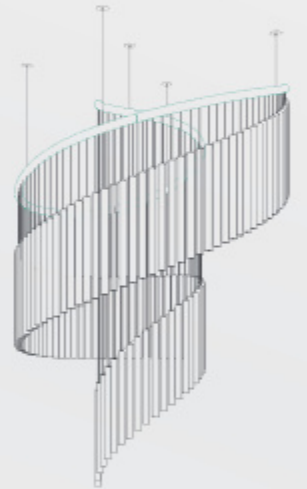
CSC 05
Rail type: Round 20 mm - 3D freeform
Hanging method: Fixed distance
 Dimensions: 1460 × 1280 × 2150 mm
 Component size: 32 / 490 mm
 Number of components: 104 pcs
 Total running meters: 5 m



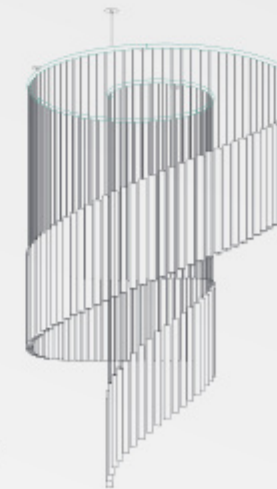
CSC 06
Rail type: Round 40 mm - 3D freeform
Hanging method: Fixed distance
 Dimensions: 1470 × 1290 × 2170 mm
 Component size: 32 / 490 mm
 Number of components: 104 pcs
 Total running meters: 5 m



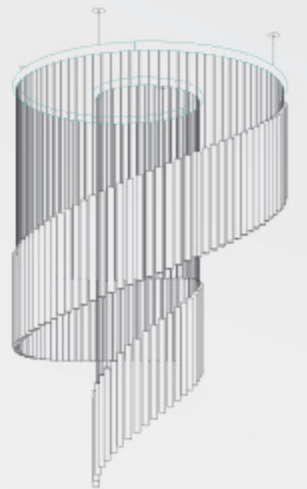
CSC 10
Rail type: Round 20 mm - 3D freeform
Hanging method: Design curve
 Dimensions: 1460 × 1280 × 2170 mm
 Component size: 32 / 490 mm
 Number of components: 104 pcs
 Total running meters: 4.9 m



CSC 09
Rail type: Round 40 mm - 3D freeform
Hanging method: Design curve
 Dimensions: 1470 × 1290 × 2180 mm
 Component size: 32 / 490 mm
 Number of components: 104 pcs
 Total running meters: 4.9 m



CSC 07
Rail type: Round 20 mm - 2D flat
Hanging method: Design curve
 Dimensions: 1460 × 1280 × 2160 mm
 Component size: 32 / 490 mm
 Number of components: 104 pcs
 Total running meters: 4.7 m



CSC 08
Rail type: Round 40 mm - 2D flat
Hanging method: Design curve
 Dimensions: 1470 × 1290 × 2170 mm
 Component size: 32 / 490 mm
 Number of components: 104 pcs
 Total running meters: 4.7 m

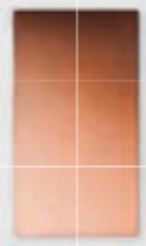
COMPONENT COLOURS



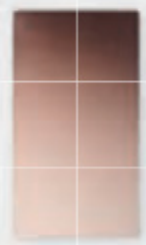
Matte
Stainless steel



Matte
Champagne



Matte
Copper



Matte
Rose



Semi-matte
Black



Crystal



Crystal frosted



May green



Seaweed



Caribbean sea



Watercolor



Iceland



Rouge



Blush



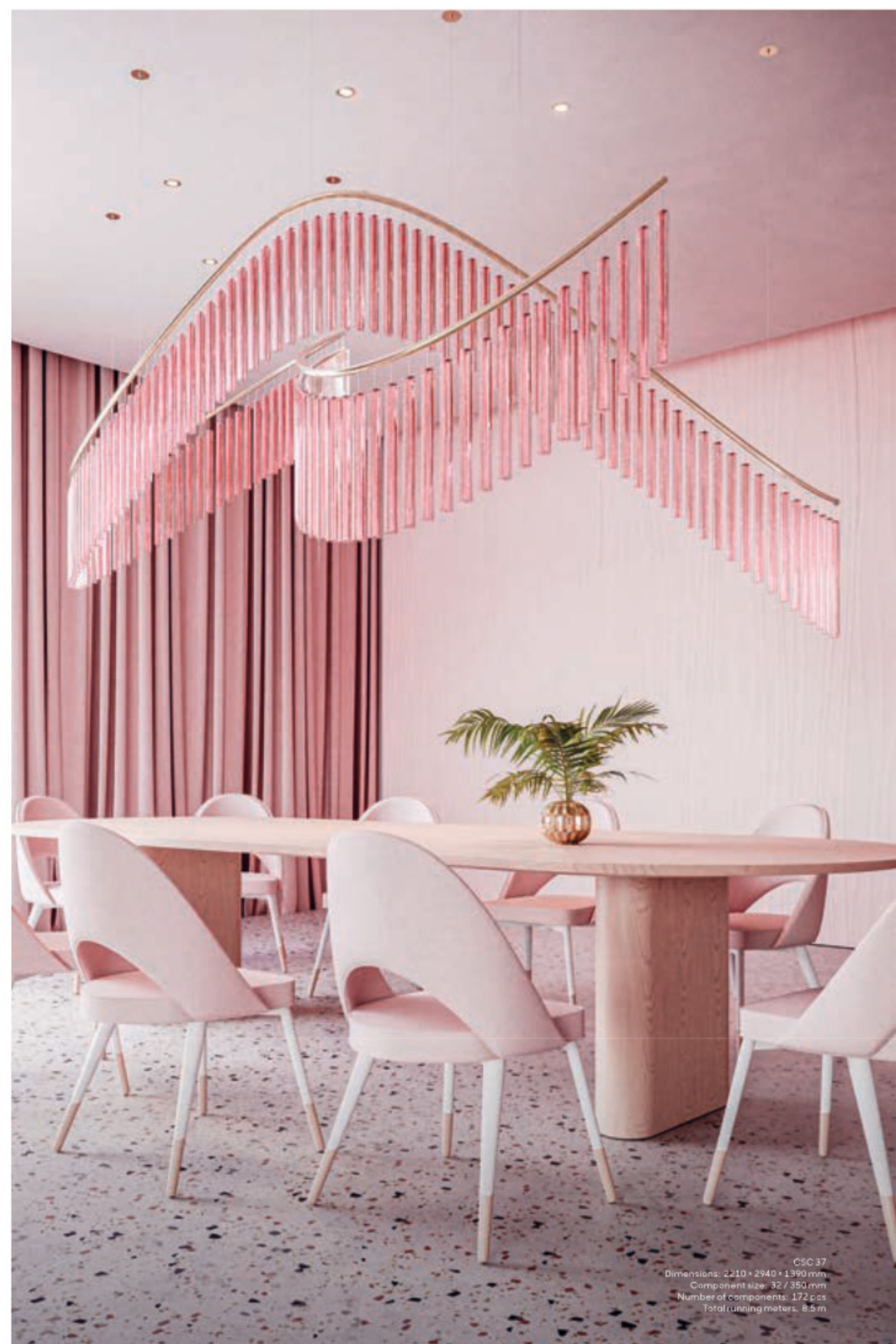
Petal



Honeycomb



Darjeeling



CSC 37
 Dimensions: 2210 x 2940 x 1390 mm
 Component size: 32 / 350 mm
 Number of components: 172 pcs
 Total running meters: 8.5 m

Lighting effects

DOWNLIGHT ILLUMINATION



The fixture can be illuminated using passing light either from downlights placed above the installation or spotlights placed on the sides. A 20mm Rail dimension can be used in this case, however this delicate-sized Rail is not suitable when using injected light.

STATIC LIGHTING

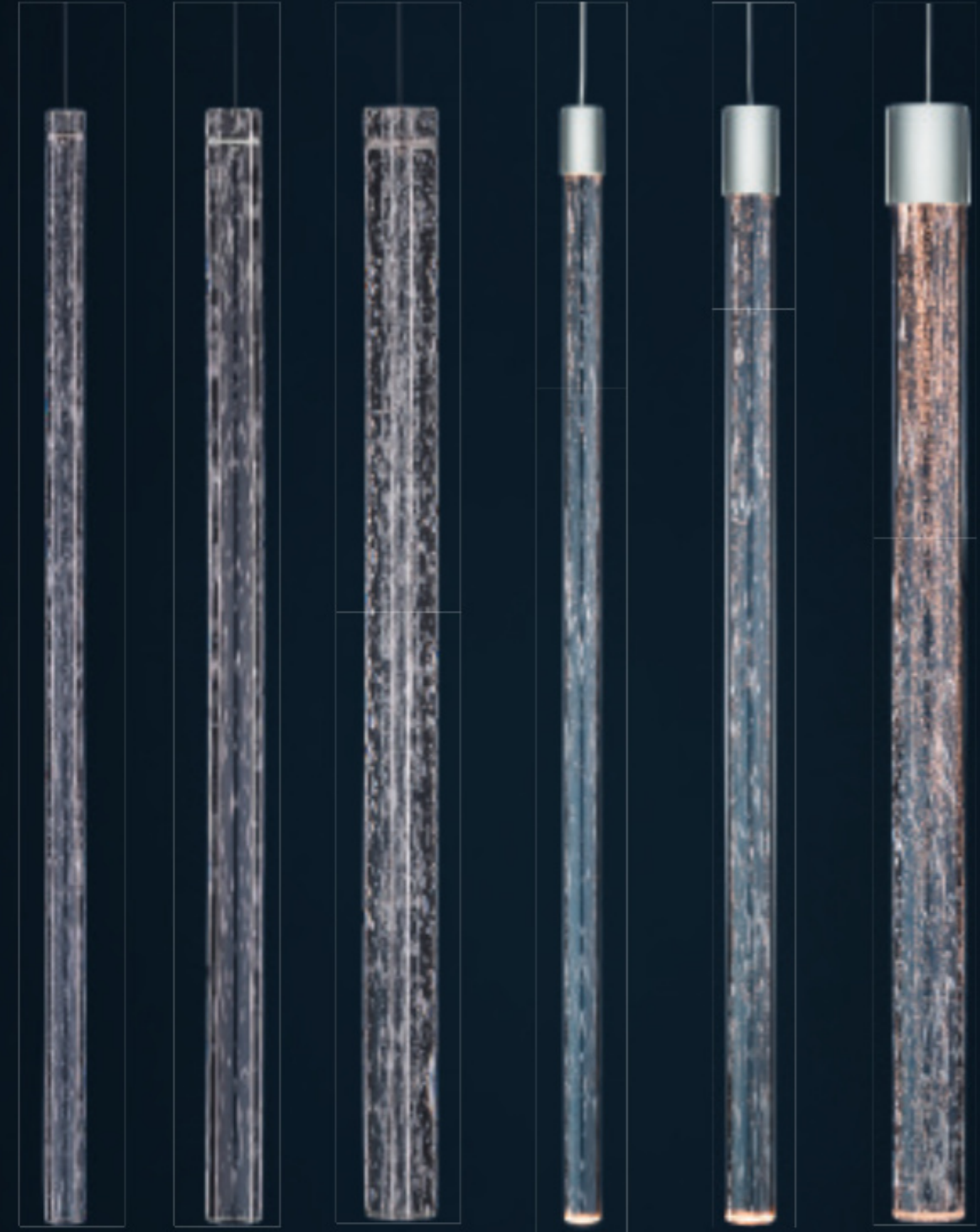
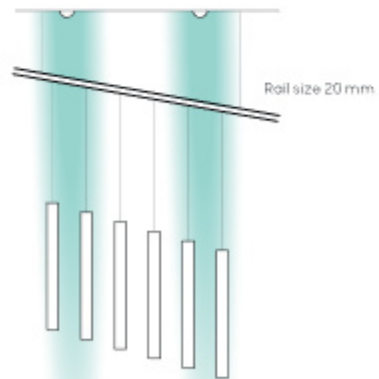
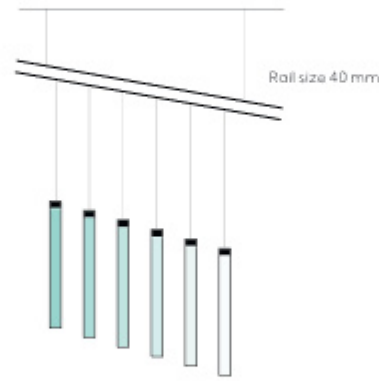
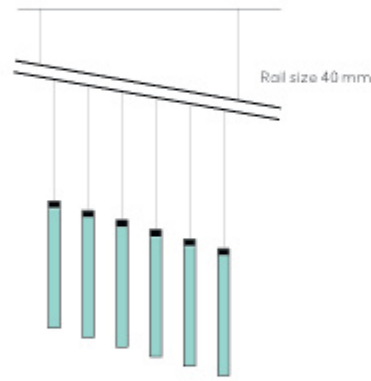
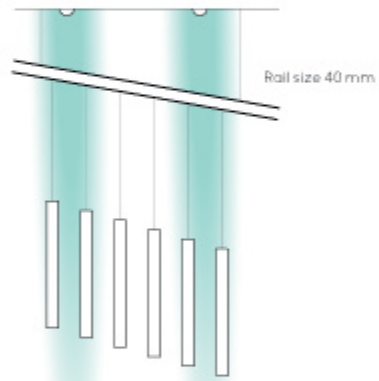


Each component has an LED chip which injects light into it. We recommend a warm, neutral or cold white light to create the desired atmosphere. When using injected light, the bubbles within the component create a glow and sparkle though the entire piece.

DYNAMIC LIGHTING



Each crystal component has an LED chip which injects light into it and each component can be controlled individually by the DMX system. This will create dynamic lighting scenes through the entire fixture. White light is recommended, RGBW is more complex.



DOWNLIGHT ILLUMINATION

INJECTED LIGHT

Wire Suspension
ROUND ROD
Diameter: 16 mm
Length: 490 mm

Wire Suspension
ROUND ROD
Diameter: 24 mm
Length: 490 mm

Wire Suspension
ROUND ROD
Diameter: 32 mm
Length: 490 mm

LED Chip with Power Supply
ROUND ROD
Diameter: 16 mm
Length: 490 mm

LED Chip with Power Supply
ROUND ROD
Diameter: 24 mm
Length: 490 mm

LED Chip with Power Supply
ROUND ROD
Diameter: 32 mm
Length: 490 mm



Dynamic light



Dynamic light



Dynamic light



RGBW light



CSL04
Dimensions: 9400 x 2700 x 2400 mm
Component size: 24 / 230 mm
Number of components: 1323 pcs
Total running meters: 675 m

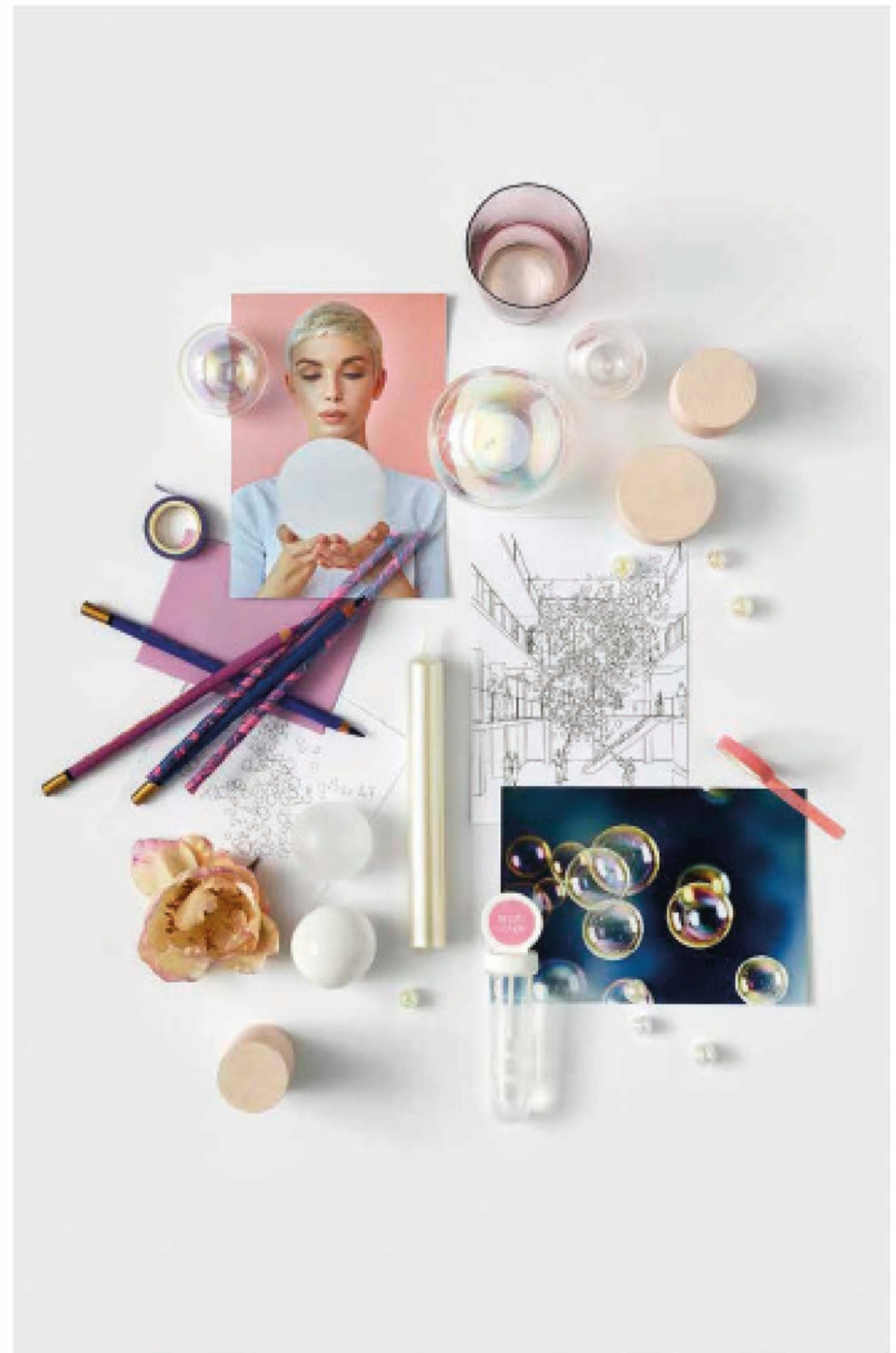
Breath of Light

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 LL'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.

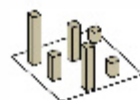
Breath of Light is made from a series of opal crystal bubbles that dissolve into crystal frosted, crystal clear and bubbled crystal spheres. These bubbles create an intriguing path of light as visitors blow into four special sensors hanging on the corners of the exhibition. With this the installation 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.

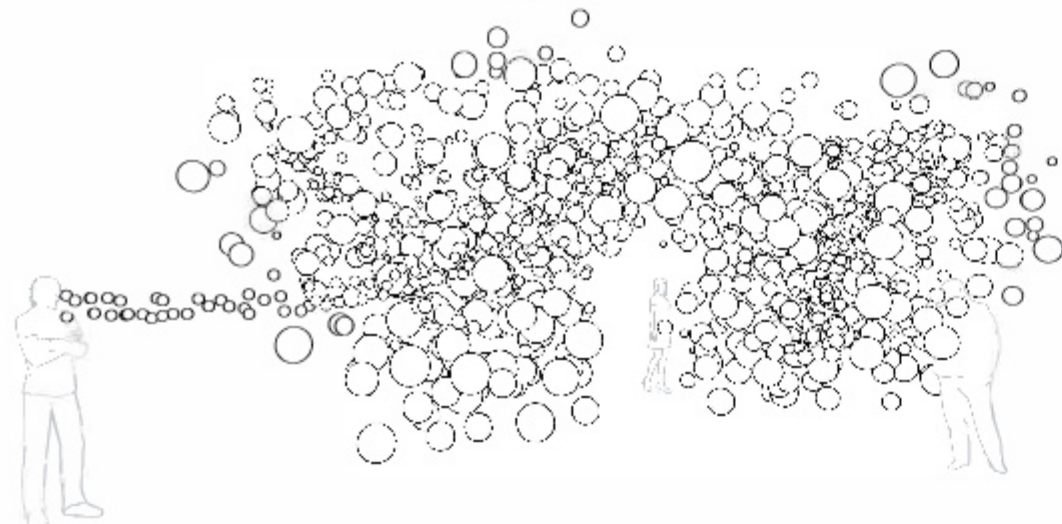




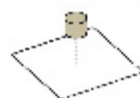
COMPOSITION OPTIONS



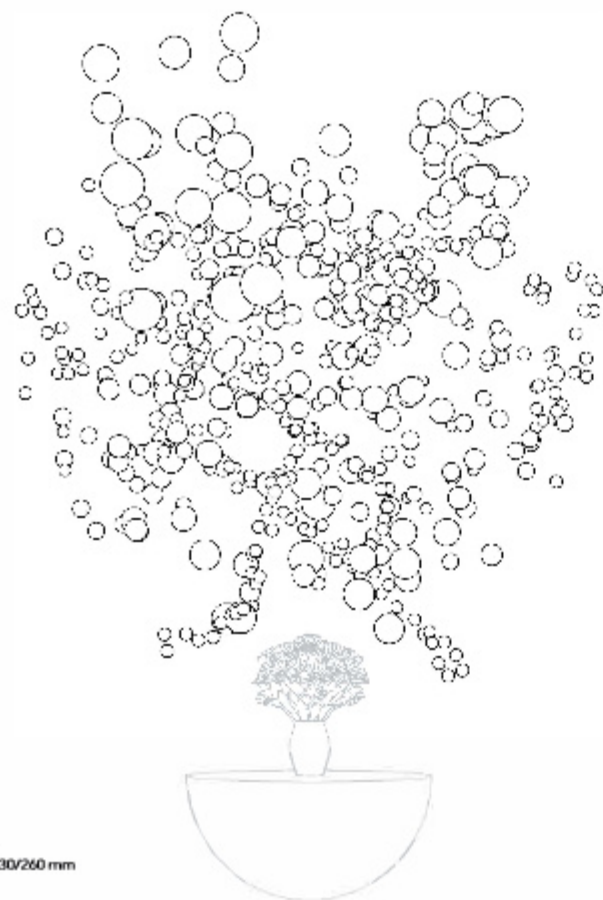
SPATIAL



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



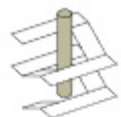
CENTRAL



BLC01
Dimensions: dia. 3880/4480 mm
Pearl Size: 80/110/140/170/200/230/260 mm
Hanging Rope: 512 pcs



BREATH OF LIGHT



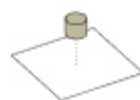
VERTICAL



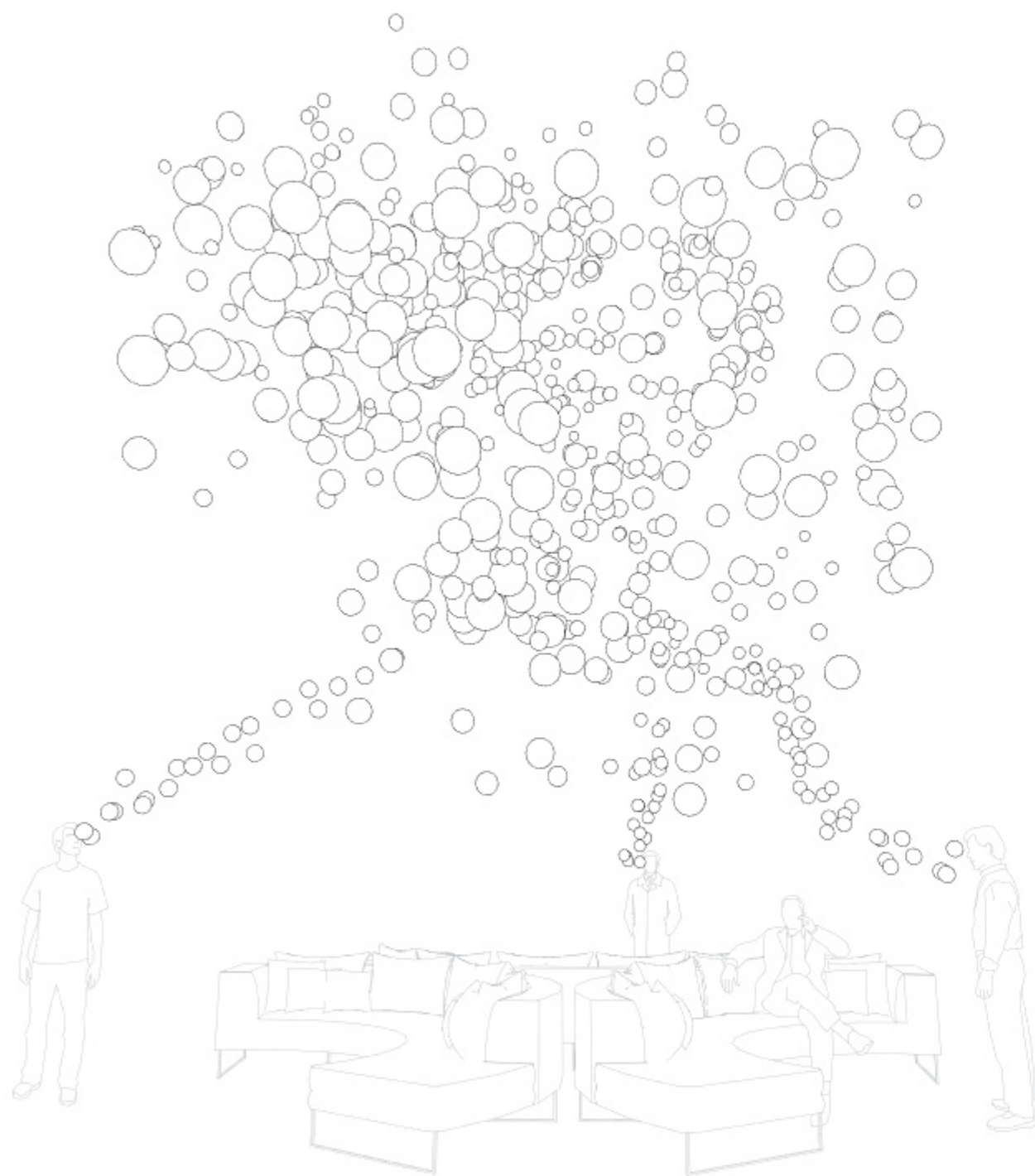
BLV01
Dimension: 9898 * 8745 * 9645 mm
Pearl Size: 80/110/230/260/290 mm
Hanging Rope: 1200 pcs



BREATH OF LIGHT



CENTRAL



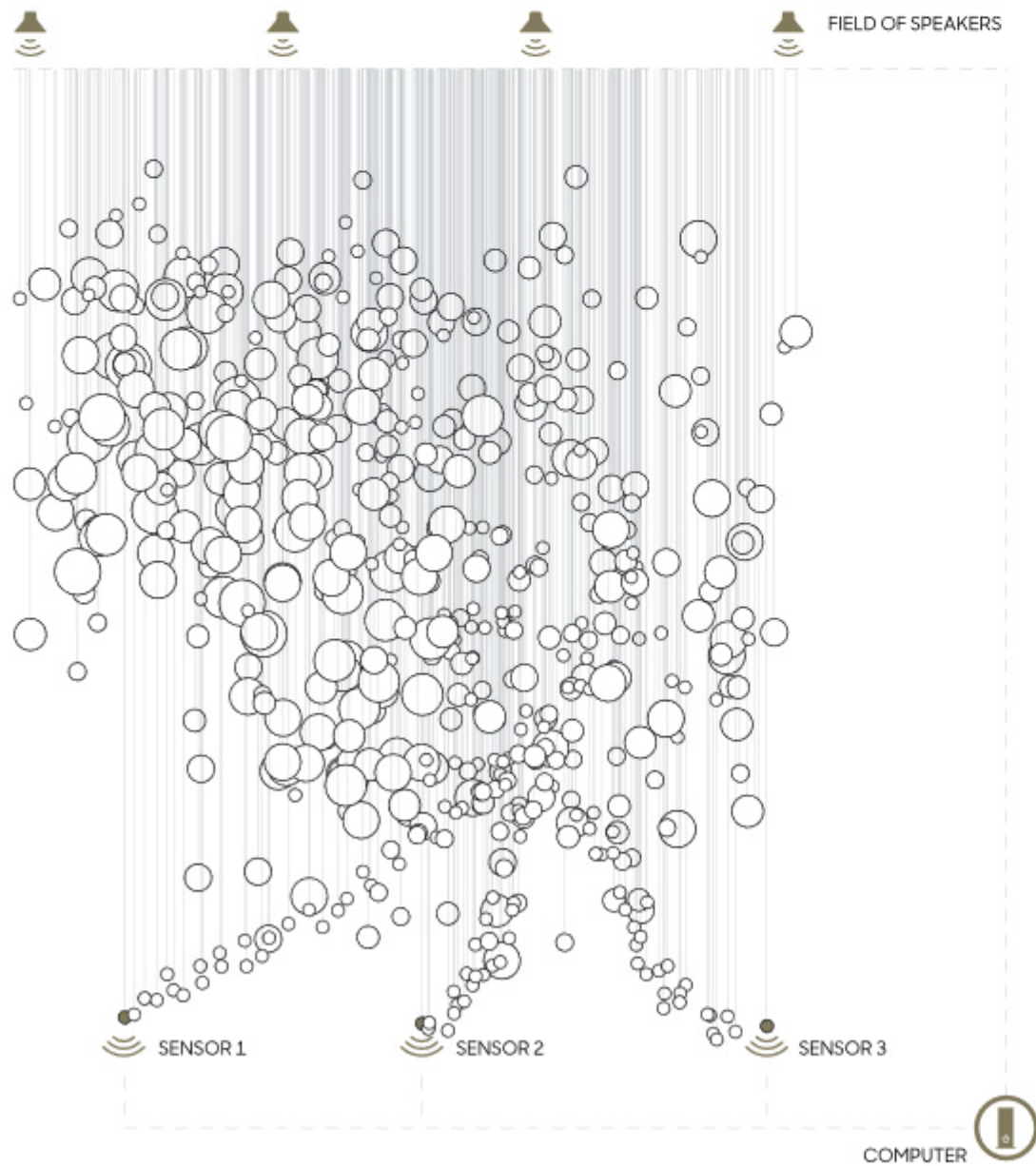
BLC02
Dimensions: 5100*4830*5630mm
Pearl Size: 80/140/200/230 mm
Hanging Rope: 564 pcs



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 LL's Signature Designs are based around our exclusive triplex opal component. These pearl-like spheres are a speciality of the LL 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

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



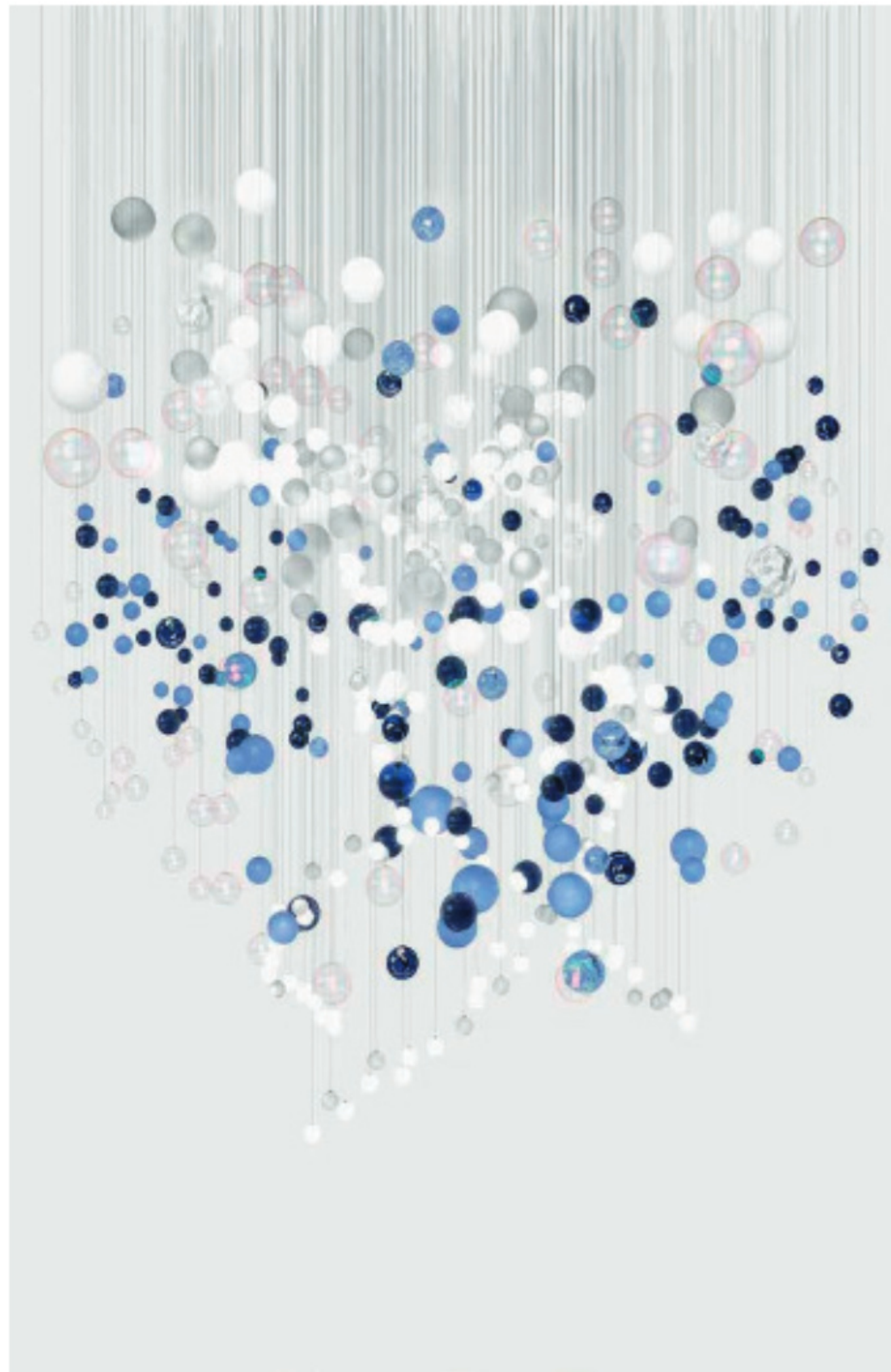
CARAMEL



HONEYCOMB



RESIN



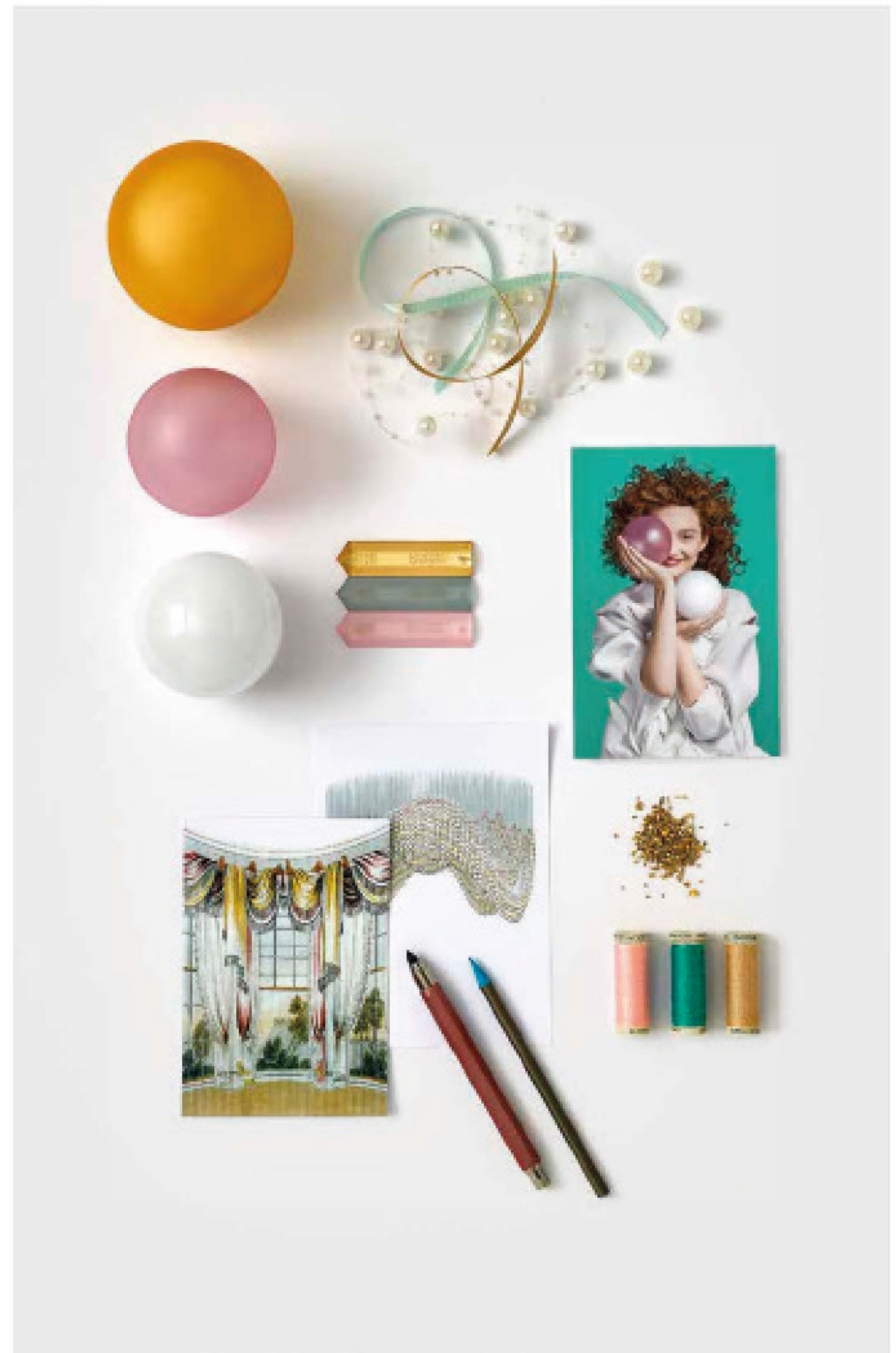


Pearl Curtain

The Pearl Curtain concept is inspired by the rich draping of curtains in formal spaces. The gentle movement of textile is translated into soft waves of vertical component groups that are best viewed from the side. Similar to curtains, the design allows for the “layering” of colours or materials. Chandeliers are often relegated to the ceiling. This concept should motivate designers to stretch a chandelier from the ceiling all the way to the floor and use it like a curtain to define different zones within one space.

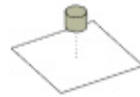
A curtain can create a space by separation. It opens or closes, like on the theatre stage. It suggests something is behind, perhaps something curious, and anticipation builds as one waits for it to open. Compared to a wall, it is a soft, sensual and intimate definer of space.

The component group is a number of spheres hanging one above another on a single suspension cable, creating a vertical cluster. The cluster can combine different illumination methods, for example injected light into the spheres (opal pearl components are recommended), individual up-lights for each component cluster or simple down lights from the ceiling. The design presents a rich and opulent geometrical impression while keeping a clearly contemporary style.

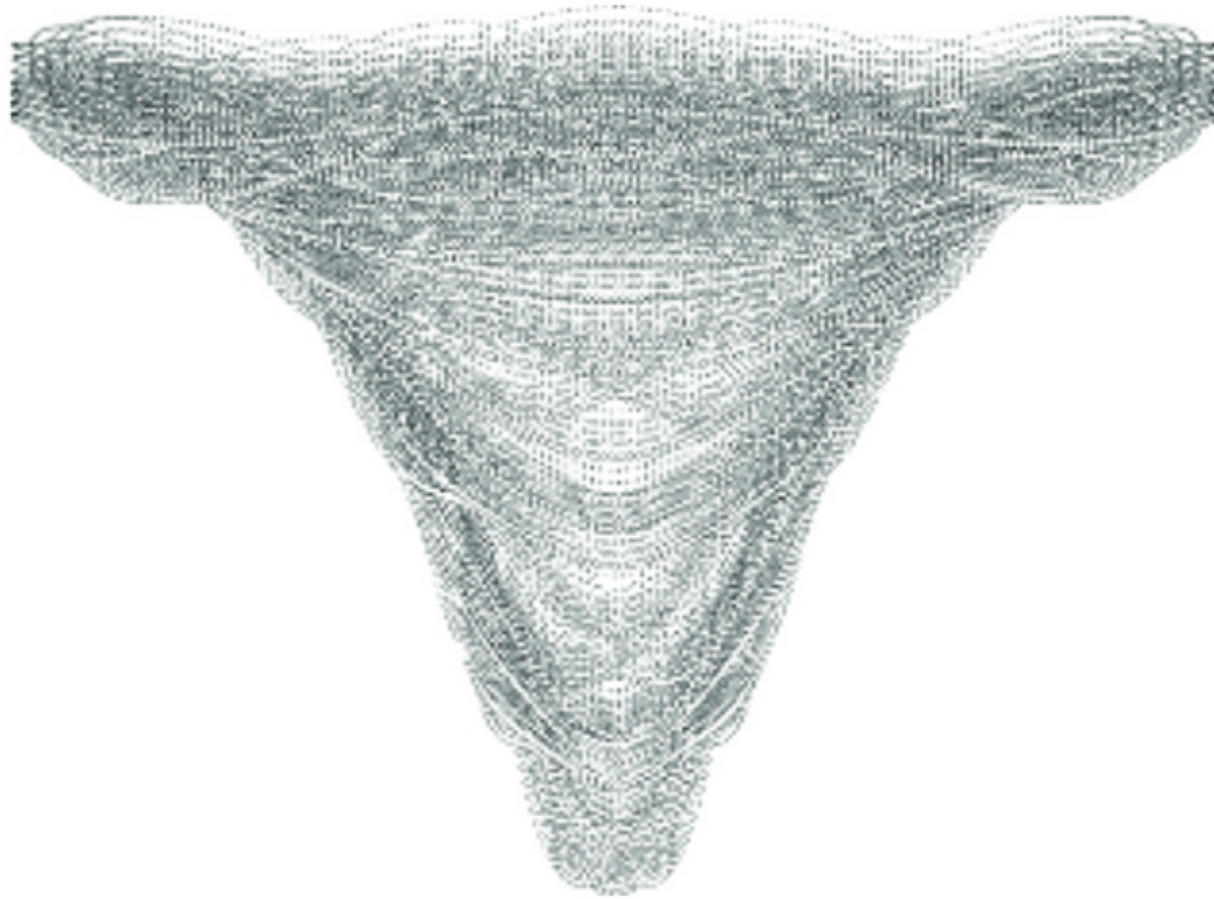


PEARL CURTAIN

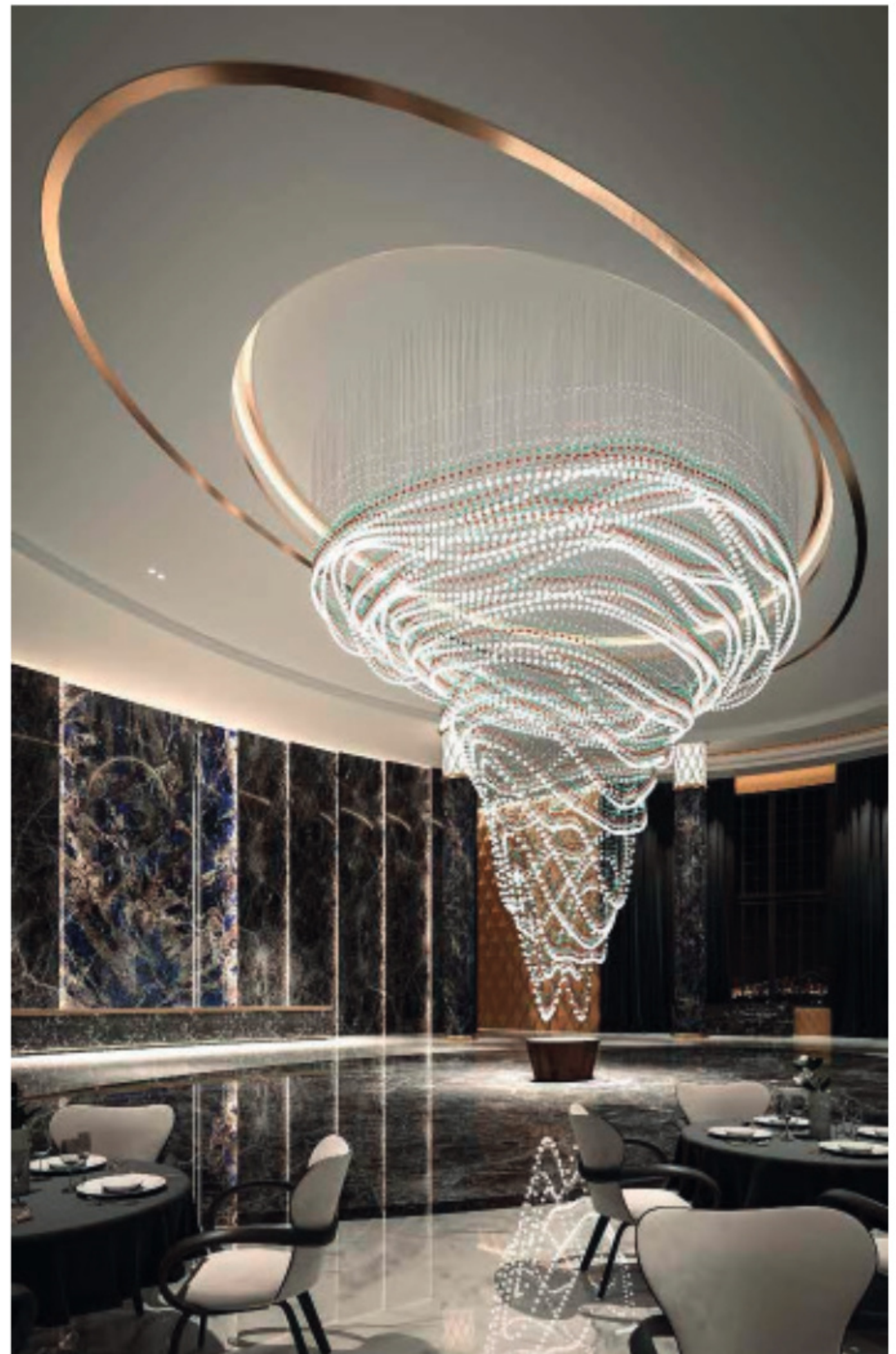
COMPOSITION OPTIONS

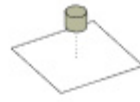


CENTRAL

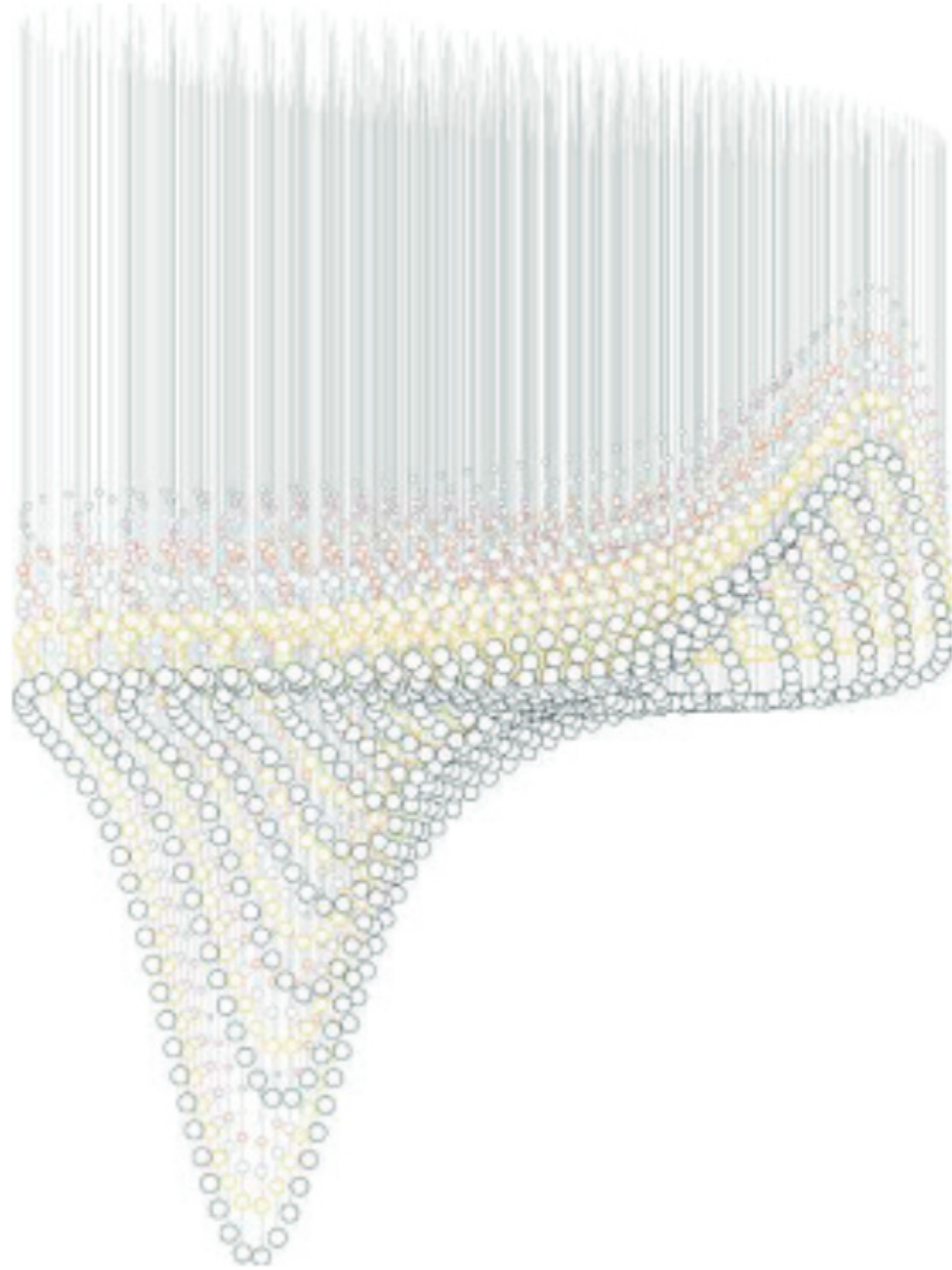


PCC01
Dimensions: 10768*6770*7950 mm
Pearl Size: 20/40/50/70mm
Hanging Rope: 5491 pcs

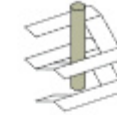




CENTRAL



PCC02
Dimensions: 4058 x 1558 x 3325 mm
Pearl Size: 20/30/40/50/60 mm
Hanging Rope: 592 pcs



VERTICAL



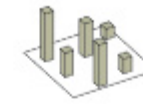
PCV01
Dimensions: dia. 2444/5575 mm
Pearl Size: 20/40/50/60/90 mm
Hanging Rope: 419 pcs



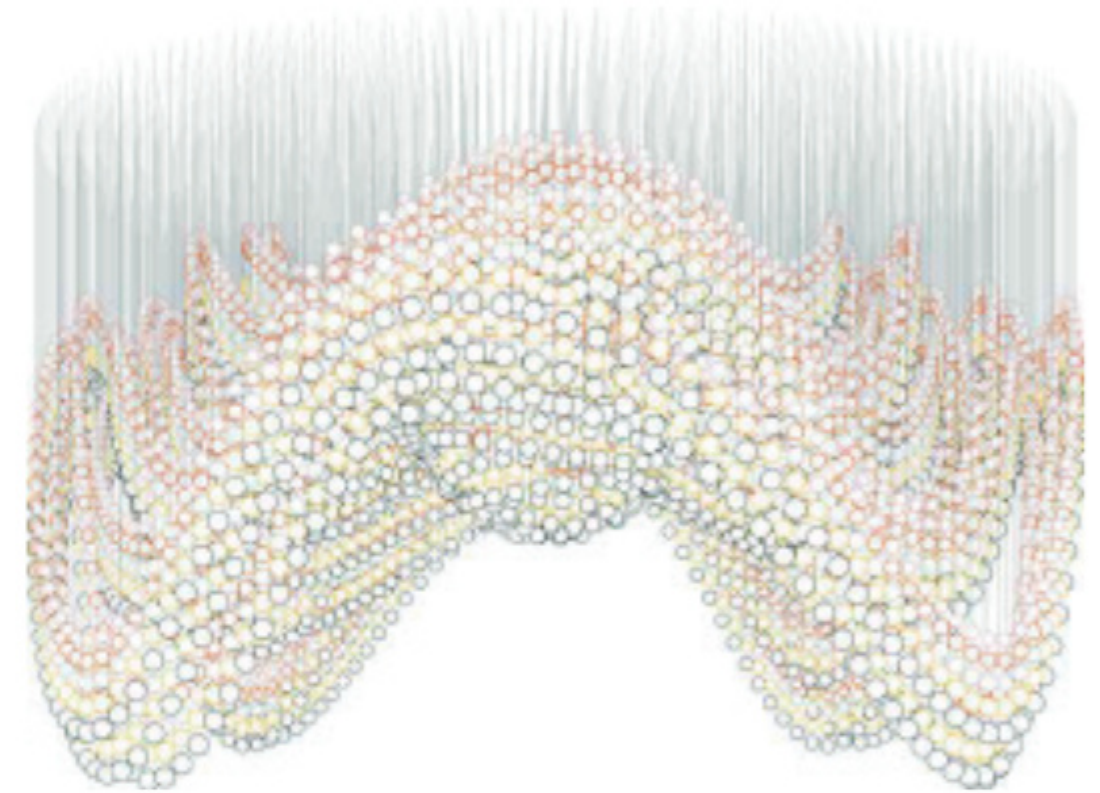
SPATIAL



PCS01
Dimensions: 6052 x 1970 x 2863 mm
Pearl Size: 20/40/50/70 mm
Hanging Rope: 569 pcs

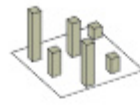


SPATIAL

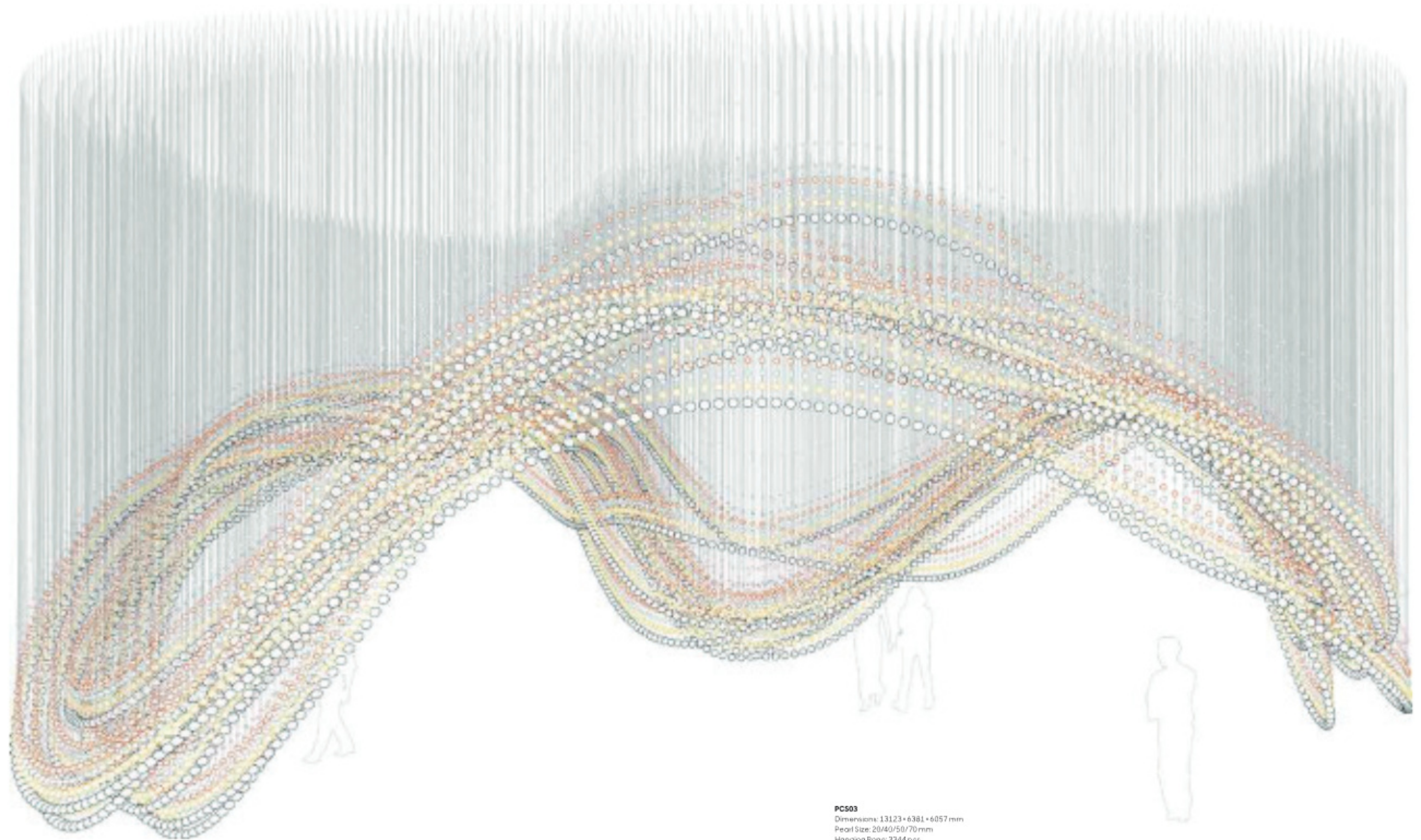


PCS02
Dimensions: dia. 7500/3980 mm
Pearl Size: 80/90/100/110/120 mm
Hanging Rope: 2218 pcs



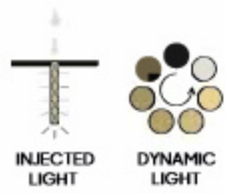


SPATIAL

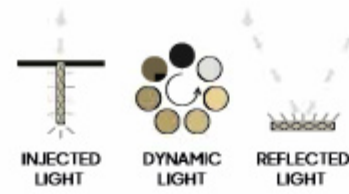


PCS03
Dimensions: 13123 x 6381 x 6057 mm
Pearl Size: 20/40/50/70 mm
Hanging Rope: 3344 pcs

LIGHTING EFFECTS



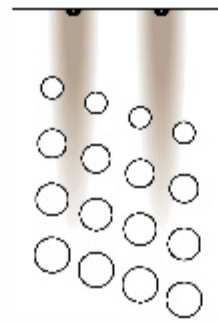
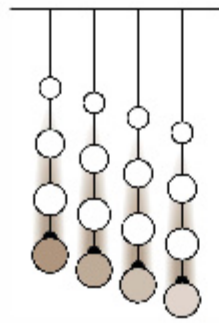
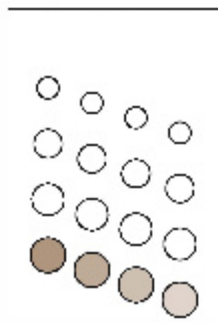
Dynamic light effects are achieved with DMX-controlled LED chips which light at least one component in every component group.



A secondary lighting effect can be created with additional up-lights illuminating the component groups above the bottom sphere.



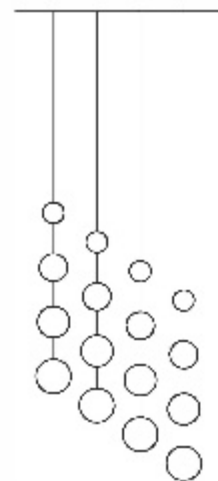
If a rich sparkling effect is desired, or functional lighting needs to be integrated, downlights may be used for illumination.



CONSTRUCTION PRINCIPLES

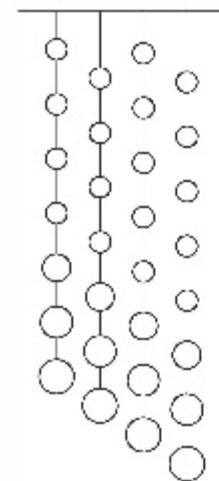
IDENTICAL STRING

This design method combines the same amount of sphere components with the same distance between each one.



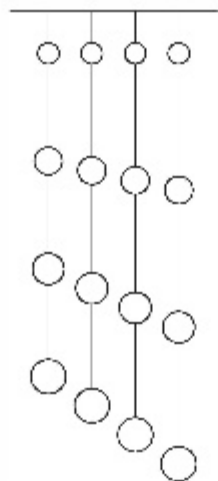
FULL STRING

Each component group in the installation is filled with components all the way to the top or to a defined height.



EXTENDED STRING

The distance between each sphere component is individually set based on the length of the entire suspension.



CRYSTAL SPHERES

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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 Curtain 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.

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



RESIN

FROSTED COLOURS



EMERALD



MOSS GARDEN



SEAWEED



ECLIPSE



WATERCOLOR



ICELAND



PULSE



ROUGE



BLUSH



CARAMEL



HONEYCOMB



RESIN

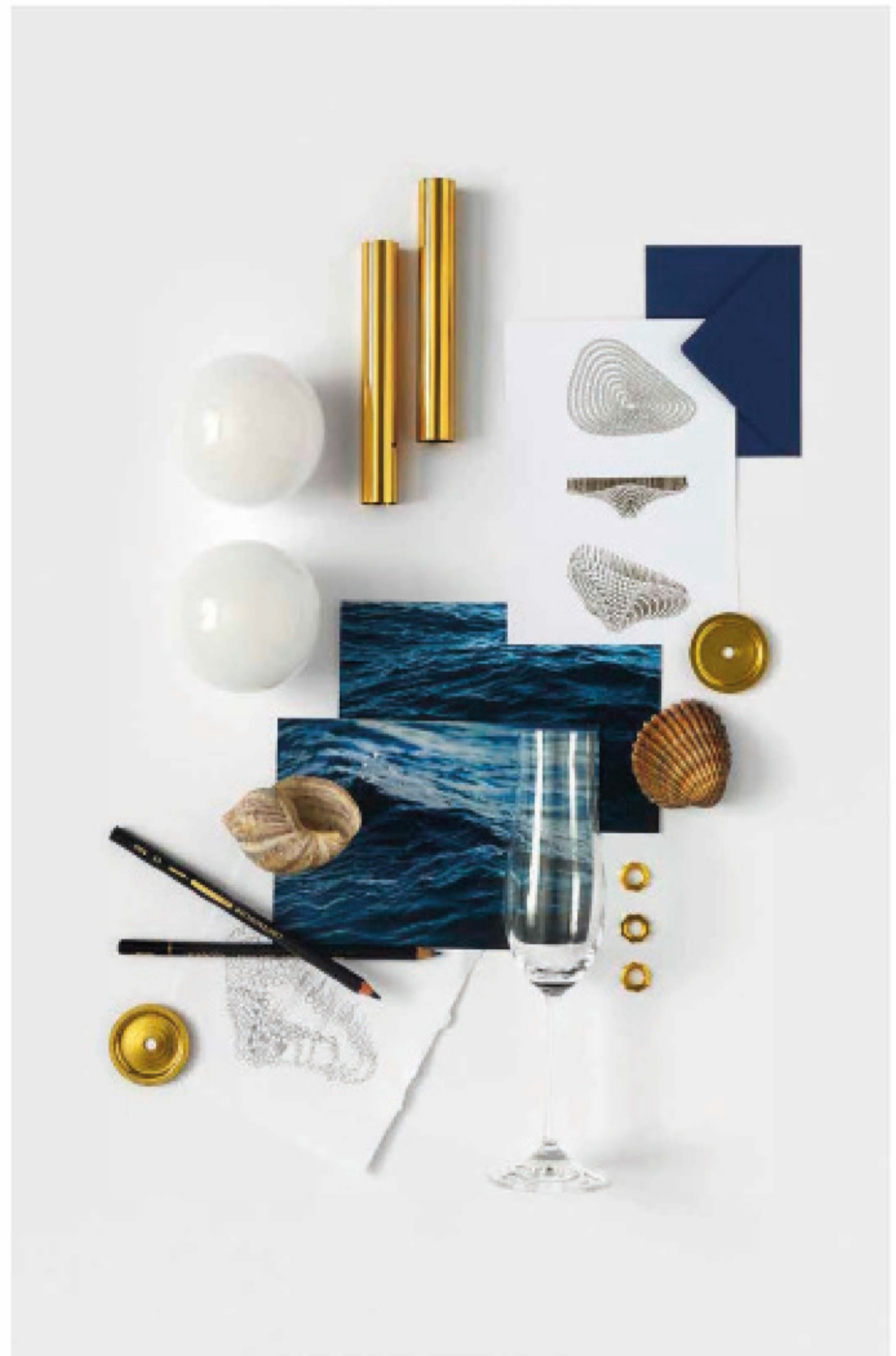


Pearl Wave

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.

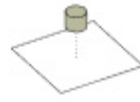
Pearl Wave consists of handmade crystal spheres, preferably made from triplex opal crystal. This chandelier concept can also be installed on yachts when using LL's unique engineering technology and stiff rods for suspension.

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.

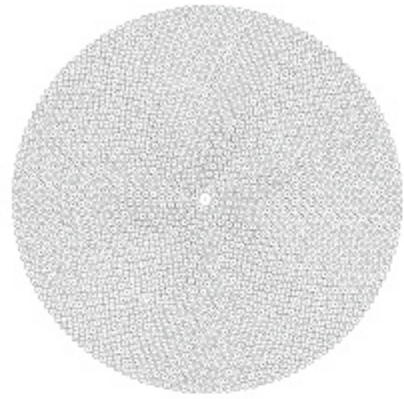


PEARL WAVE

COMPOSITION OPTIONS

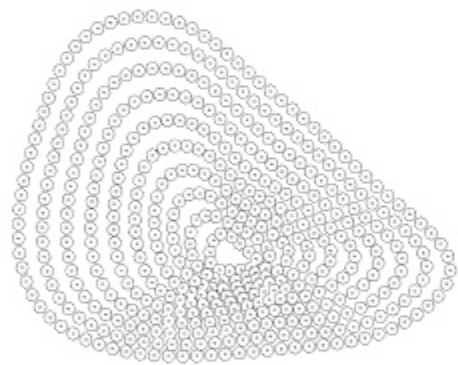
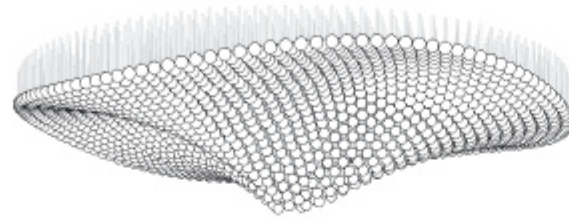


CENTRAL



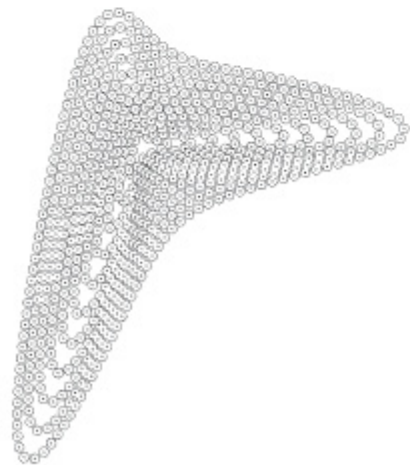
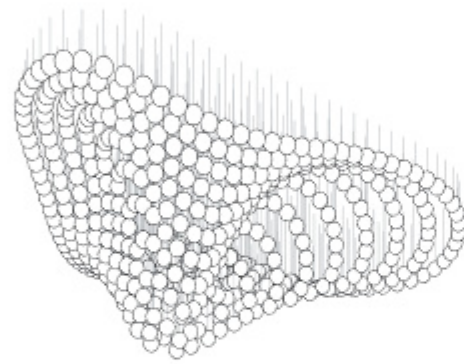
PWC01
Dimensions: dia 6330/1264 mm
Pearl Size: 120 mm
Pearls: 1721 pcs

CIRCULAR SHAPE



PWC02
Dimensions: 4340*3335*1258 mm
Pearl Size: 120 mm
Pearls: 481 pcs

CONVEX SHAPE

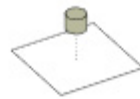


PWC03
Dimensions: 4877*5655*1304 mm
Pearl Size: 120 mm
Pearls: 725 pcs

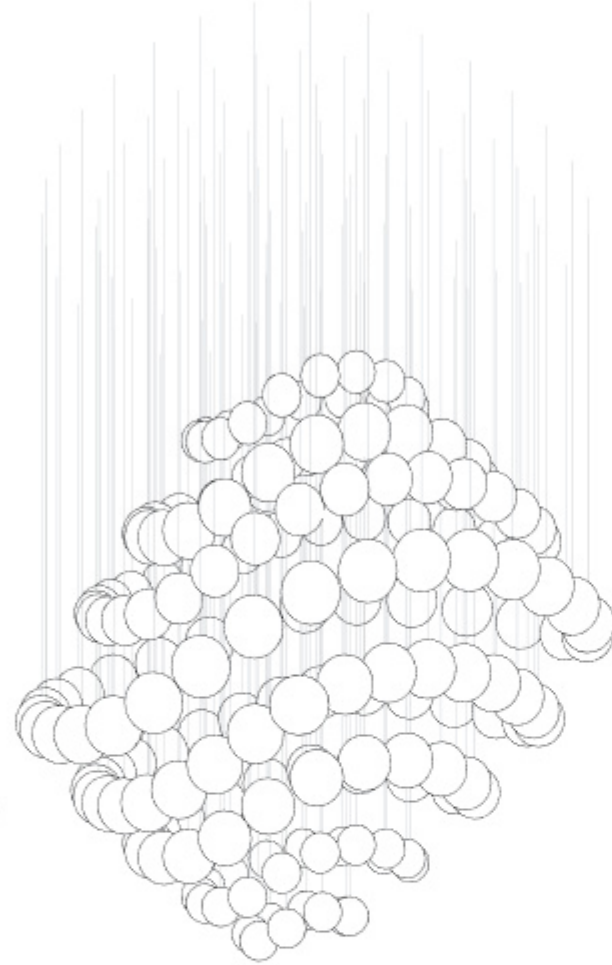
CONCAVE SHAPE



PEARL WAVE



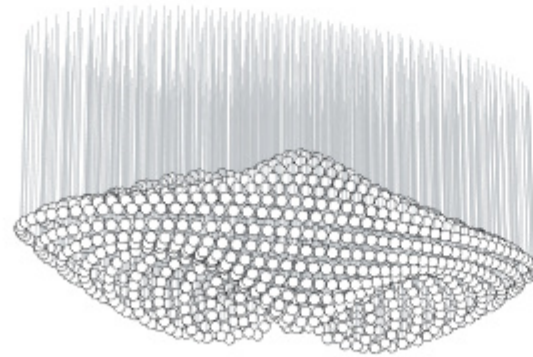
CENTRAL



PWC04
Dimensions: dia. 1500/1460 mm
Pearl Size: 88/120/123/125 mm
Pearls: 105 pcs

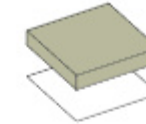


PWC05
Dimensions: dia. 1700/1100 mm
Pearl Size: 60 mm
Pearls: 1084 pcs

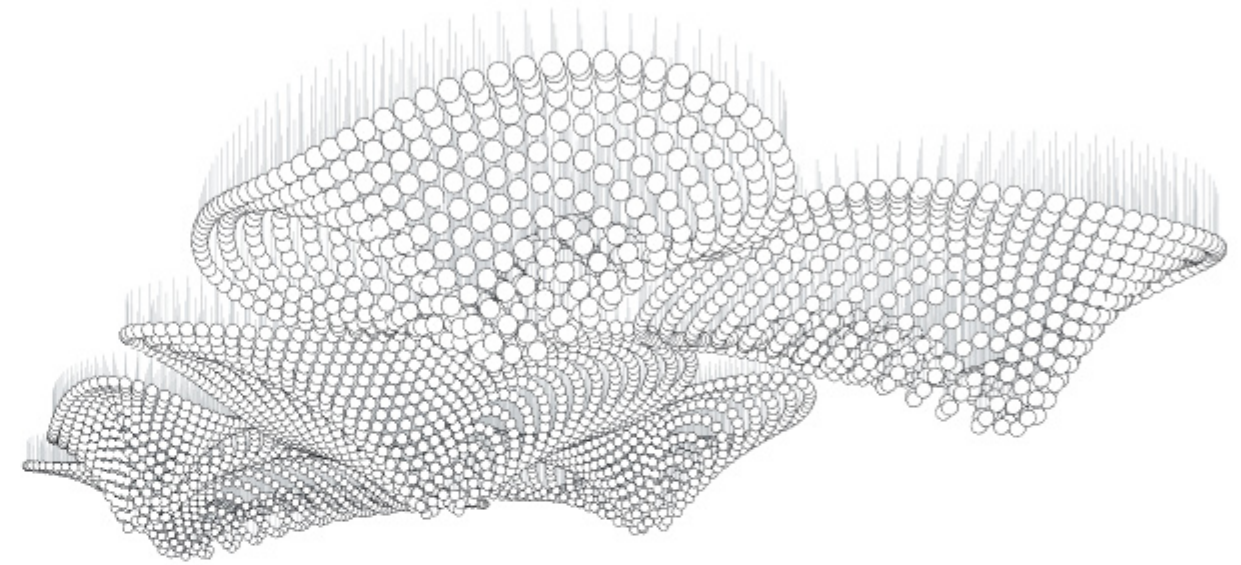


PWC06
Dimensions: 3030 • 975 • 1550 mm
Pearl Size: 60 mm
Pearls: 1392 pcs

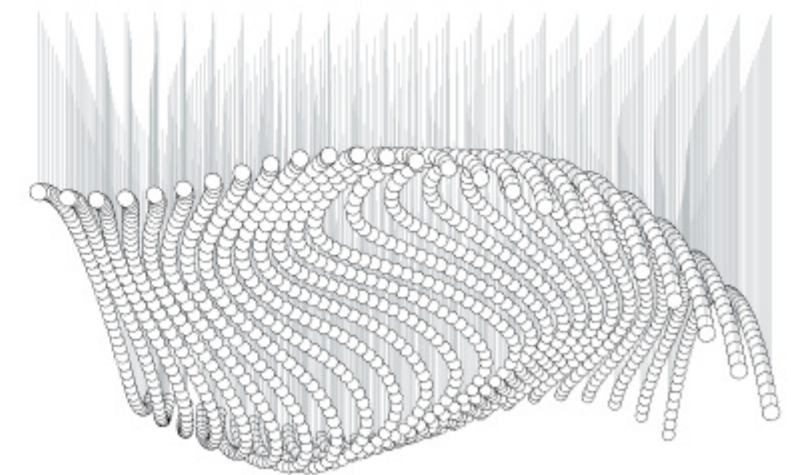
PEARL WAVE



AREAL



PWA01
Dimensions: 15270 • 7478 • 1444 mm
Pearl Size: 120 mm
Pearls: 5501 pcs



PWA02
Dimensions: 4390 • 4830 • 1871 mm
Pearl Size: 100 mm
Pearls: 1280 pcs

CRYSTAL SPHERES

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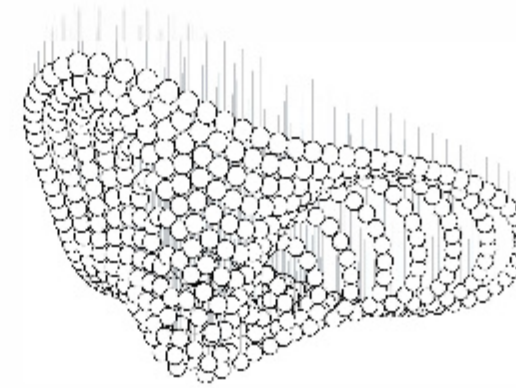
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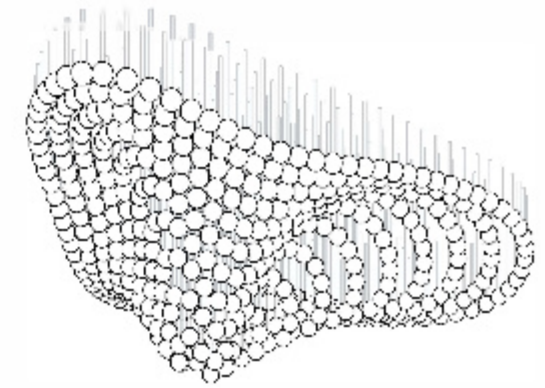
The visual effect of flakes (Mica) comes from the sparkle of the metallic pieces. Mica chips are applied to the surface of a hot glass sphere and then covered by another layer of crystal glass. The Mica is sealed between the layers of glass and the surface remains smooth.

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

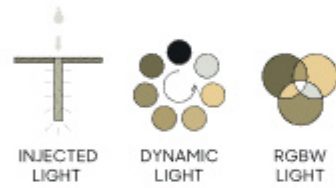
Crystal components can be suspended on tubes if more stability is needed. A balanced proportion between the components and tubes ensures the design is not disrupted.



LIGHTING EFFECTS

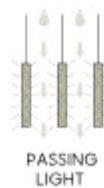
DYNAMIC LIGHTING

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

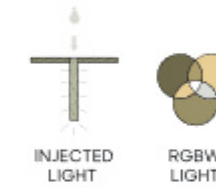
Illumination using downlights placed above the installation is possible. If the space situation requires it, tube suspensions are not recommended.



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



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CHIPS

CRYSTAL COLOURS



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SEAWEED



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HONEYCOMB



RESIN

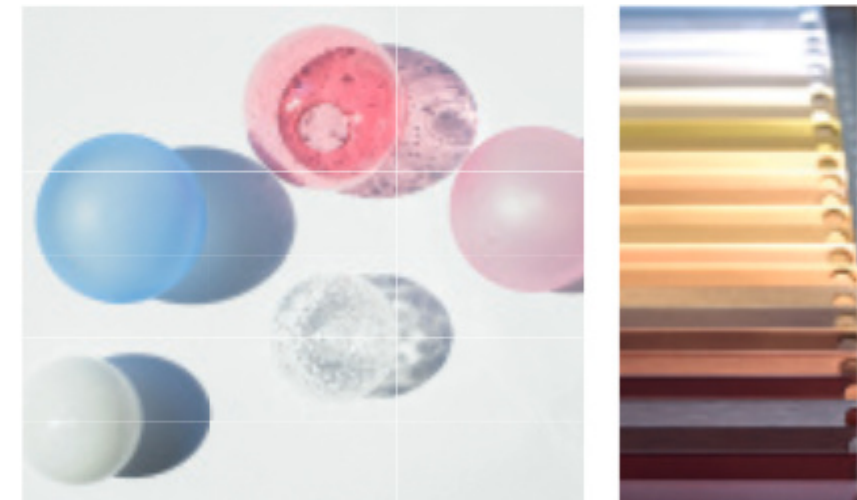
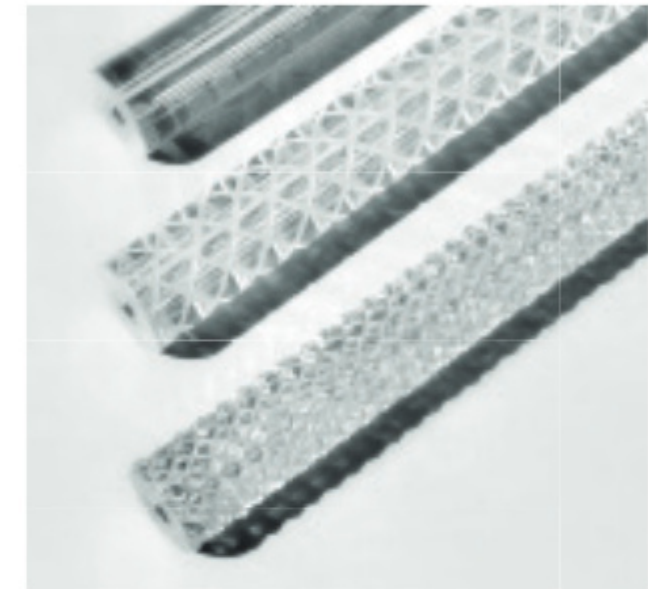


Signature *Designs*

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.

What makes a Signature Design so strategic is the variations that can be developed. Each concept offers different scales, compositions, colours, materials and surface finishes, construction principles and illumination methods.

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.



Diamond *Cloud*

Diamond Cloud's inspiration came from the specific sculpting of a trimming. This cut, called a Diamond Cut, was created specially to emphasize a crystal's properties in combination with light. This means Diamond Cloud excels in the refraction and reflection of light.

When a crystal rod featuring the Diamond Cut is lit, each of the facets looks different and adds a rich depth to the installation as a whole. The strategic arrangement of the triangular rods gives the installation diversity, layers and a richness of rhythm. Every side of the light's pattern has a different look because every edge is defined using a component with a different surface treatment. The smallest detailed cut on every component escalates the fixture's overall appearance.





DCA 08
Dimensions: 8320 • 3080 • 1400 mm
Number of components: 1980 pcs
Component length: 350 mm

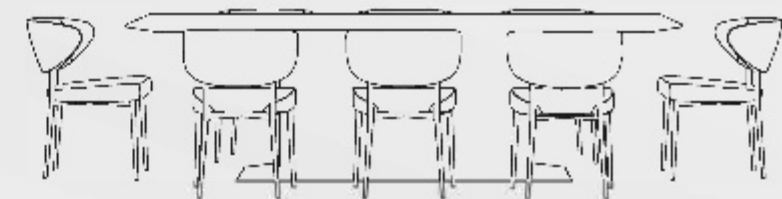
Flexible design concept

Signature Designs are an exclusive concept that allows designers to completely customize our lighting designs for their space. They make creating a customized light a convenient and intelligent way to include creative lighting in your design.

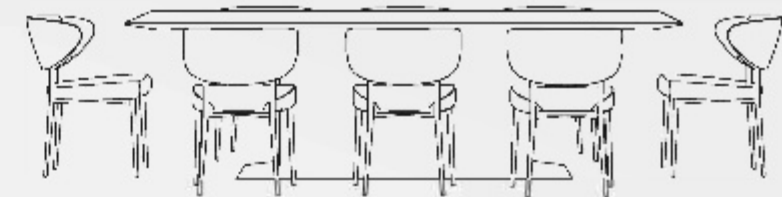
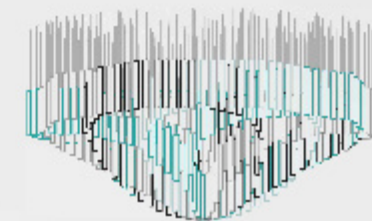
Be inspired by our sample compositions and customize them to the size of your space, or create your own shape for a one-of-a-kind look.

COLLABORATE WITH THE LL DESIGN TEAM

Whether you adapt any of the original compositions or create your own individual design, LL's design team can help. Show us your space and outline your idea and we will prepare drawings and 3D data.



Free-hand composition by designer
/ Designer's part

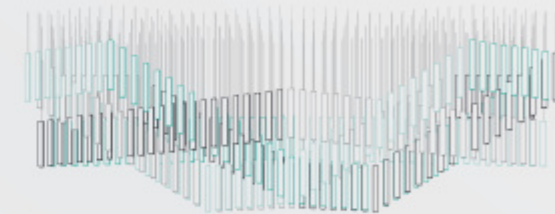
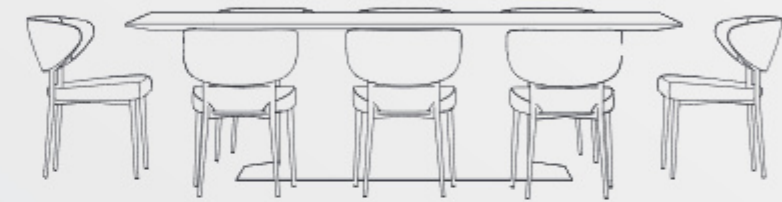
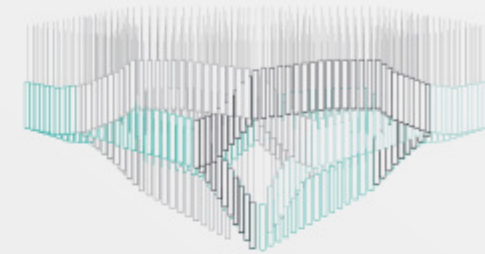
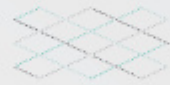
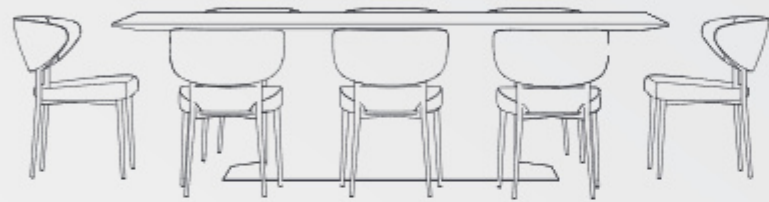
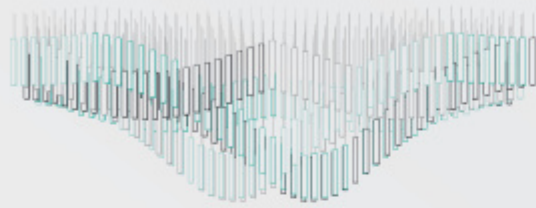


Drawings and 3D data by LL design team / LL's part

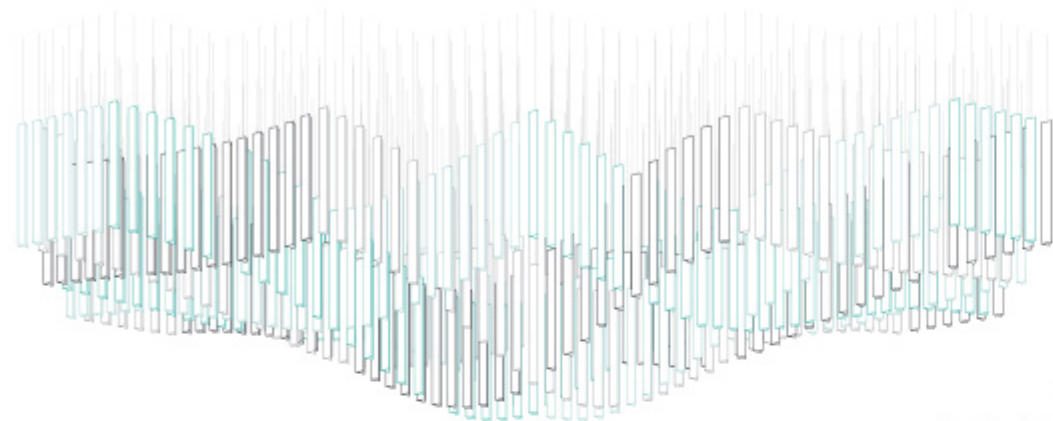


BRING DIAMOND CLOUD TO LIFE

Here we share examples of how different compositions can look in a space. Each image shows how one of the suggested designs has been customized to fit the designer's vision and space.



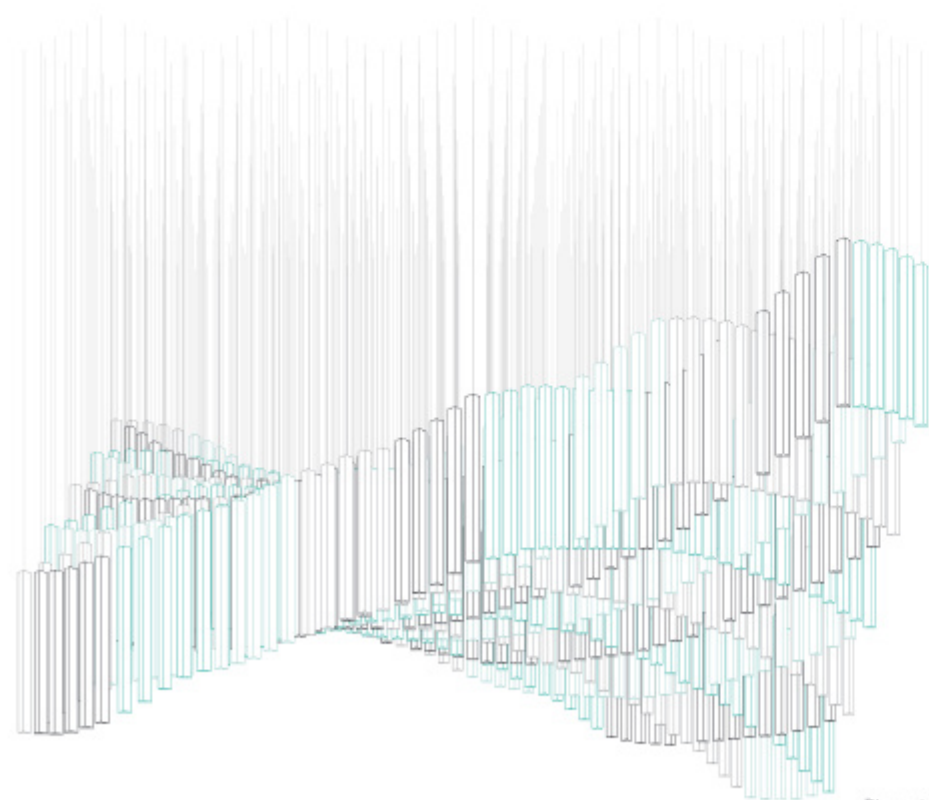
Composition ideas



Top View



DCA 01
Dimensions: 3000 x 1000 x 750 mm
Number of components: 338 pcs
Component length: 350 mm



Top View

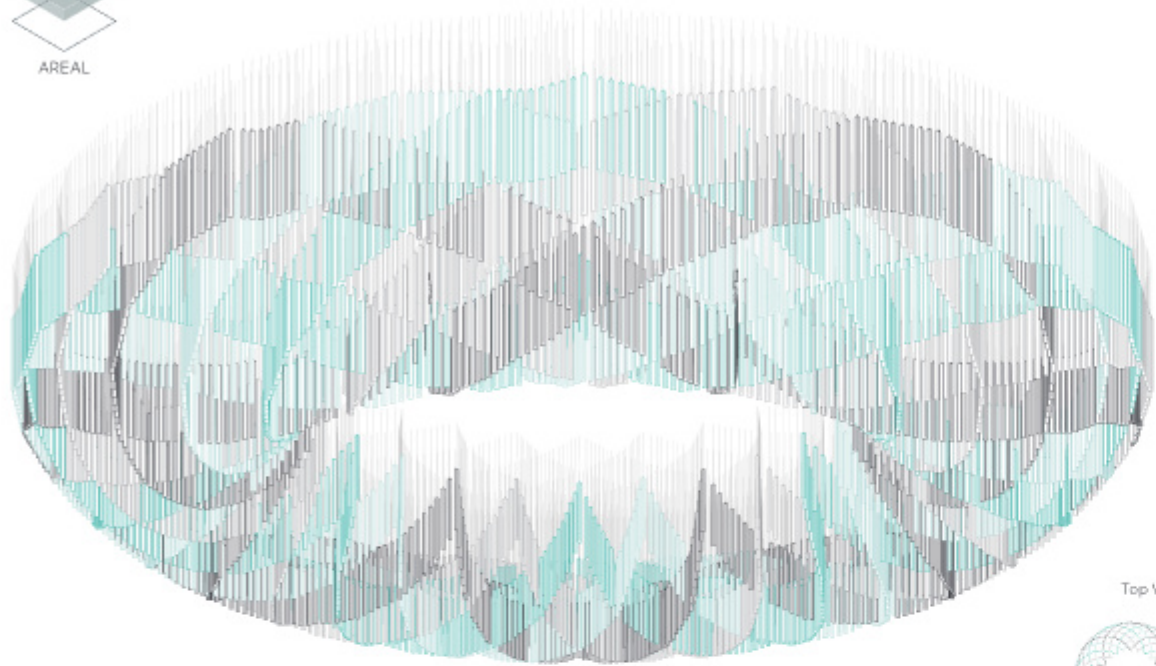


DCA 02
Dimensions: 2000 x 2000 x 1050 mm
Number of components: 460 pcs
Component length: 350 mm





AREAL



Top View

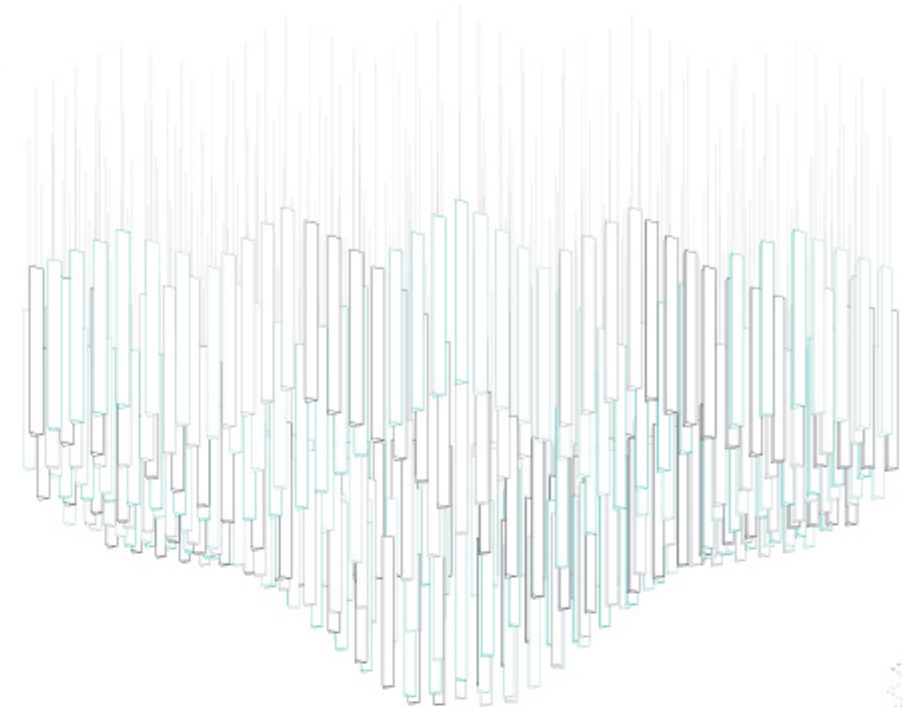


DCA 09

Dimensions: 8020 × 8020 × 1200 mm
Number of components: 3124 pcs
Component length: 490 mm



CENTRAL



Top View

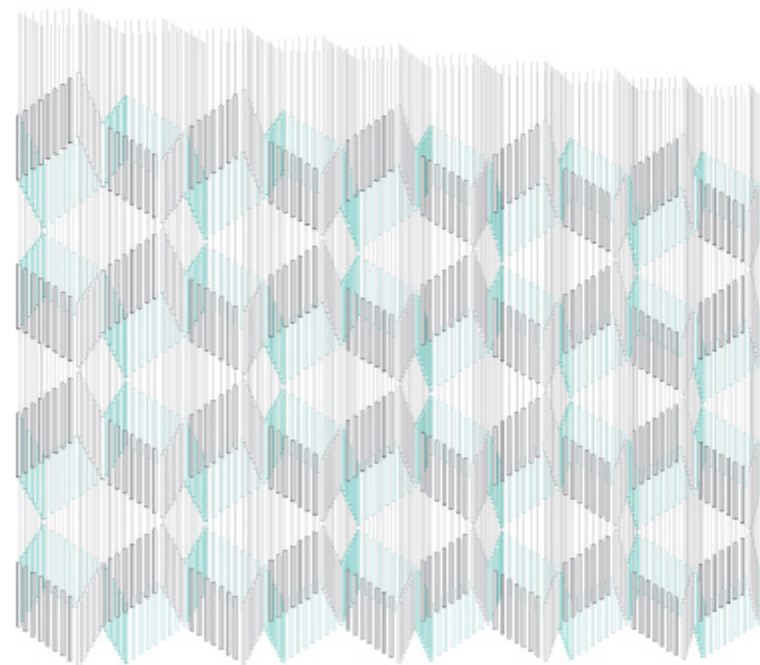


DCC 01

Dimensions: 2000 × 1700 × 830 mm
Number of components: 308 pcs
Component length: 350 mm



WALL

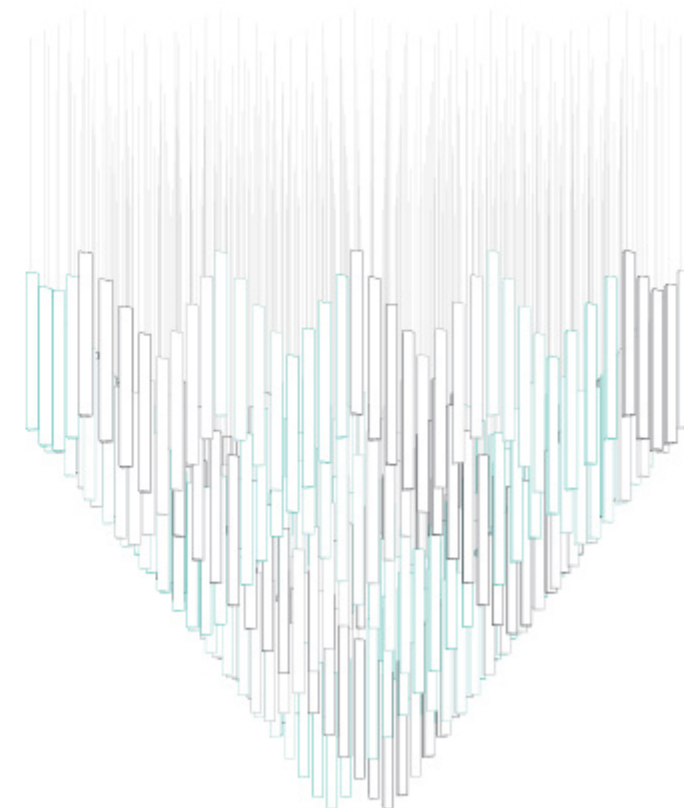


Top View



DCW 01

Dimensions: 7030 × 730 × 4500 mm
Number of components: 1280 pcs
Component length: 490 mm



Top View

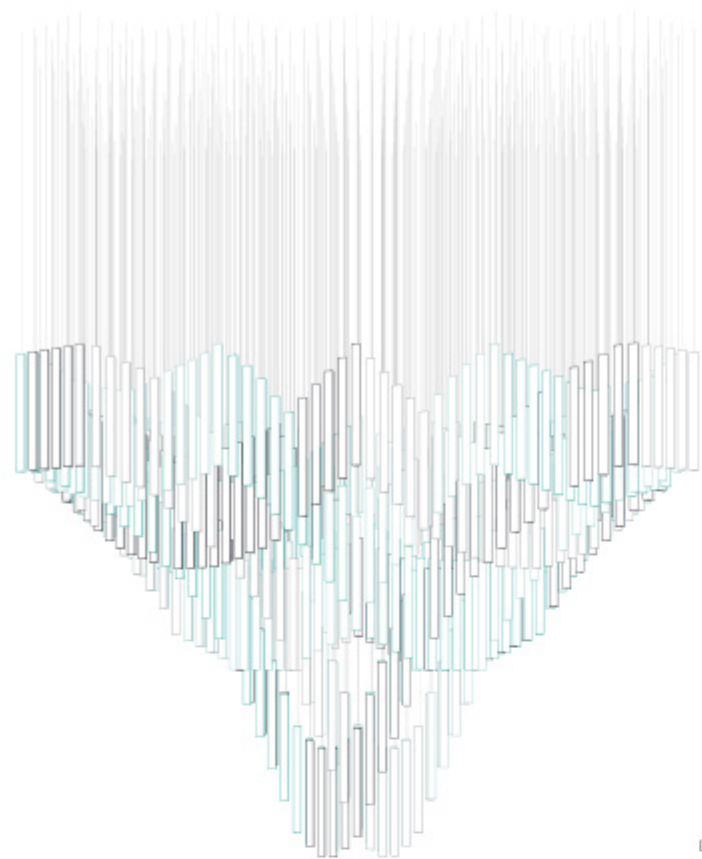


DCC 04

Dimensions: 1500 × 1500 × 1250 mm
Number of components: 360 pcs
Component length: 350 mm



CENTRAL



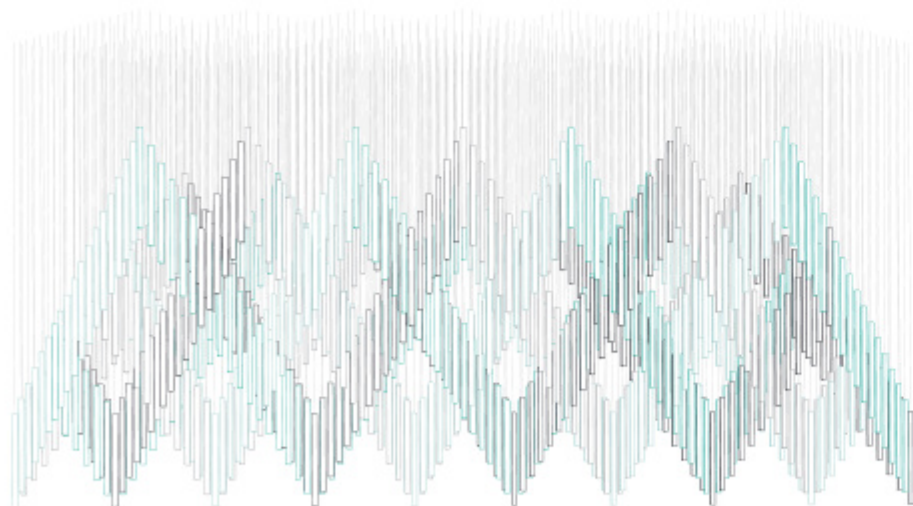
Top View



DCC 05
Dimensions: 2030 • 2030 • 1550 mm
Number of components: 460 pcs
Component length: 350 mm



LINEAR

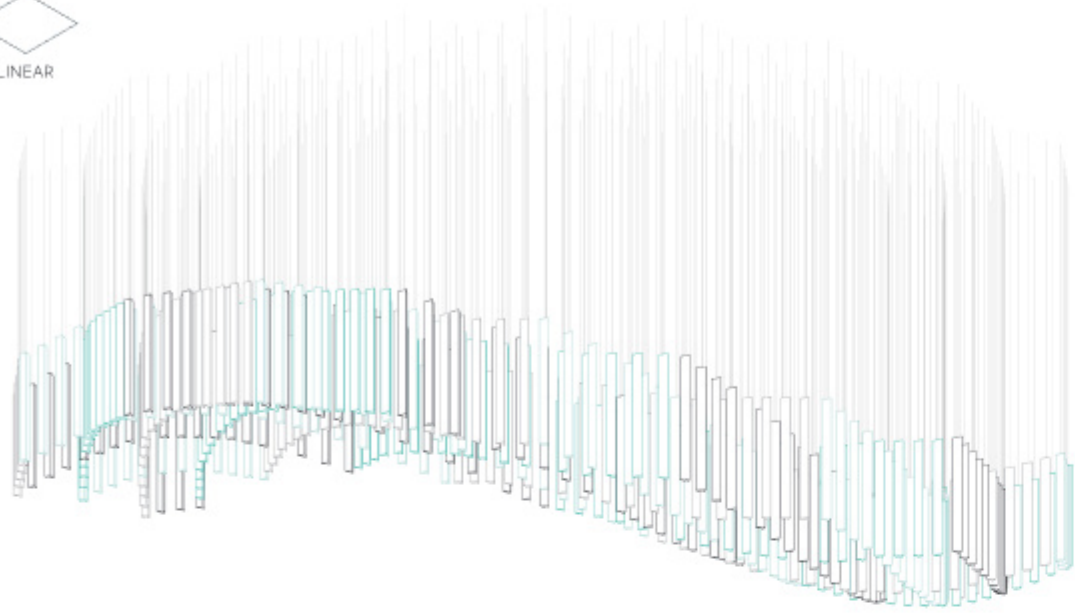


Top View



DCL 02
Dimensions: 4750 • 1320 • 1860 mm
Number of components: 531 pcs
Component length: 490 mm

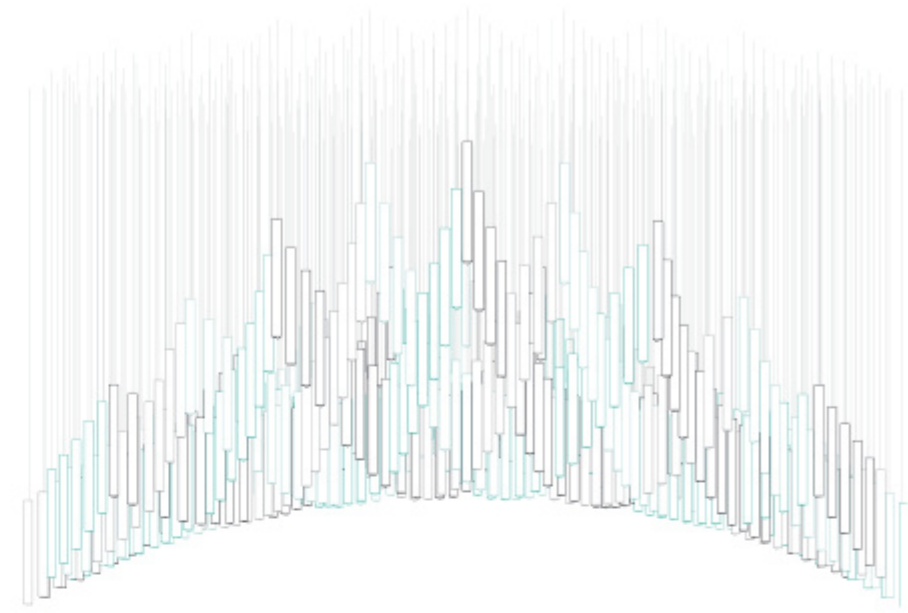




Top View



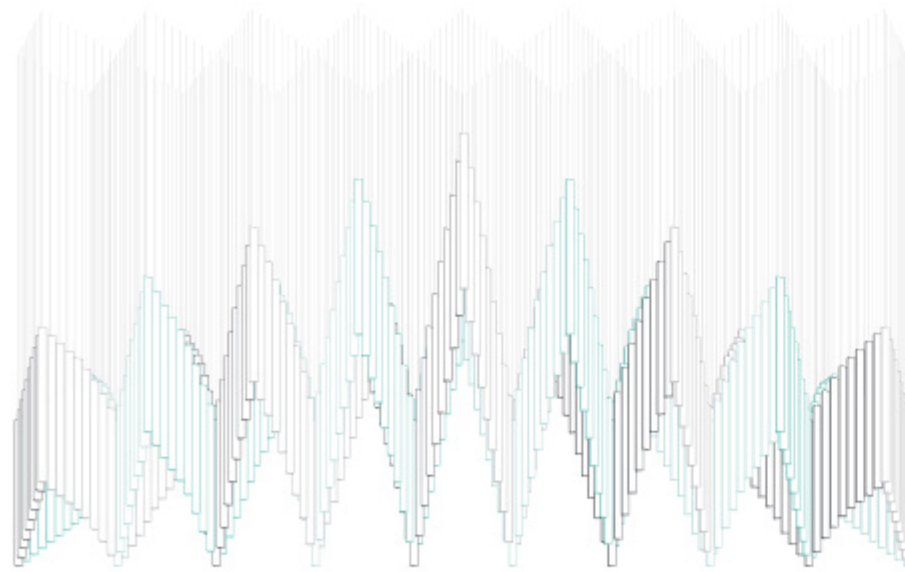
DCL 09
Dimensions: 1400 × 3670 × 920 mm
Number of components: 362 pcs
Component length: 350 mm



Top View



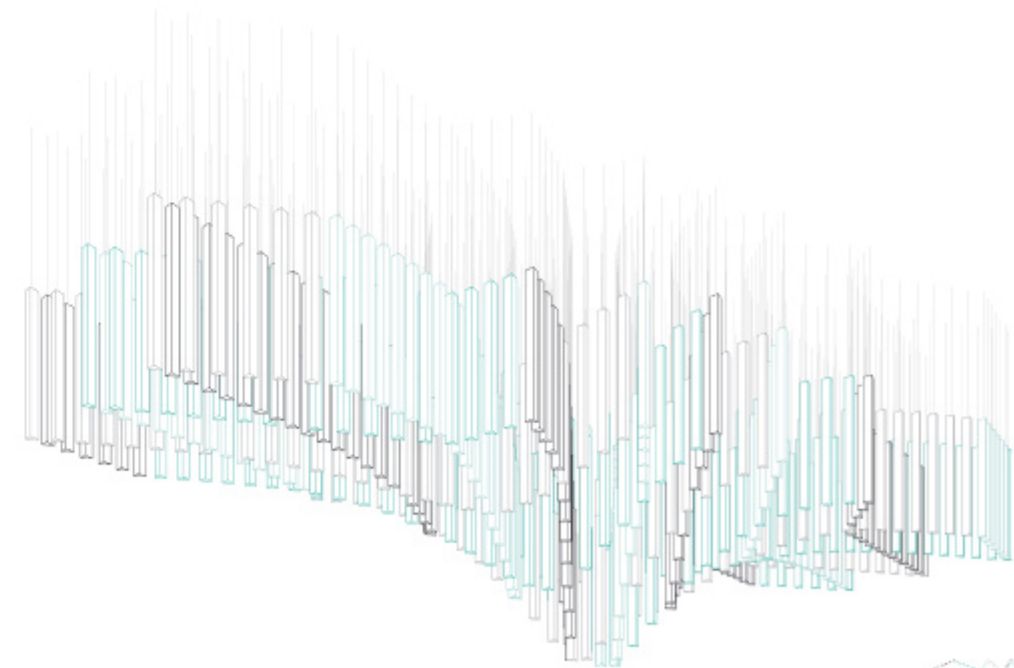
DCL 07
Dimensions: 3000 × 1000 × 1350 mm
Number of components: 354 pcs
Component length: 350 mm



Top View



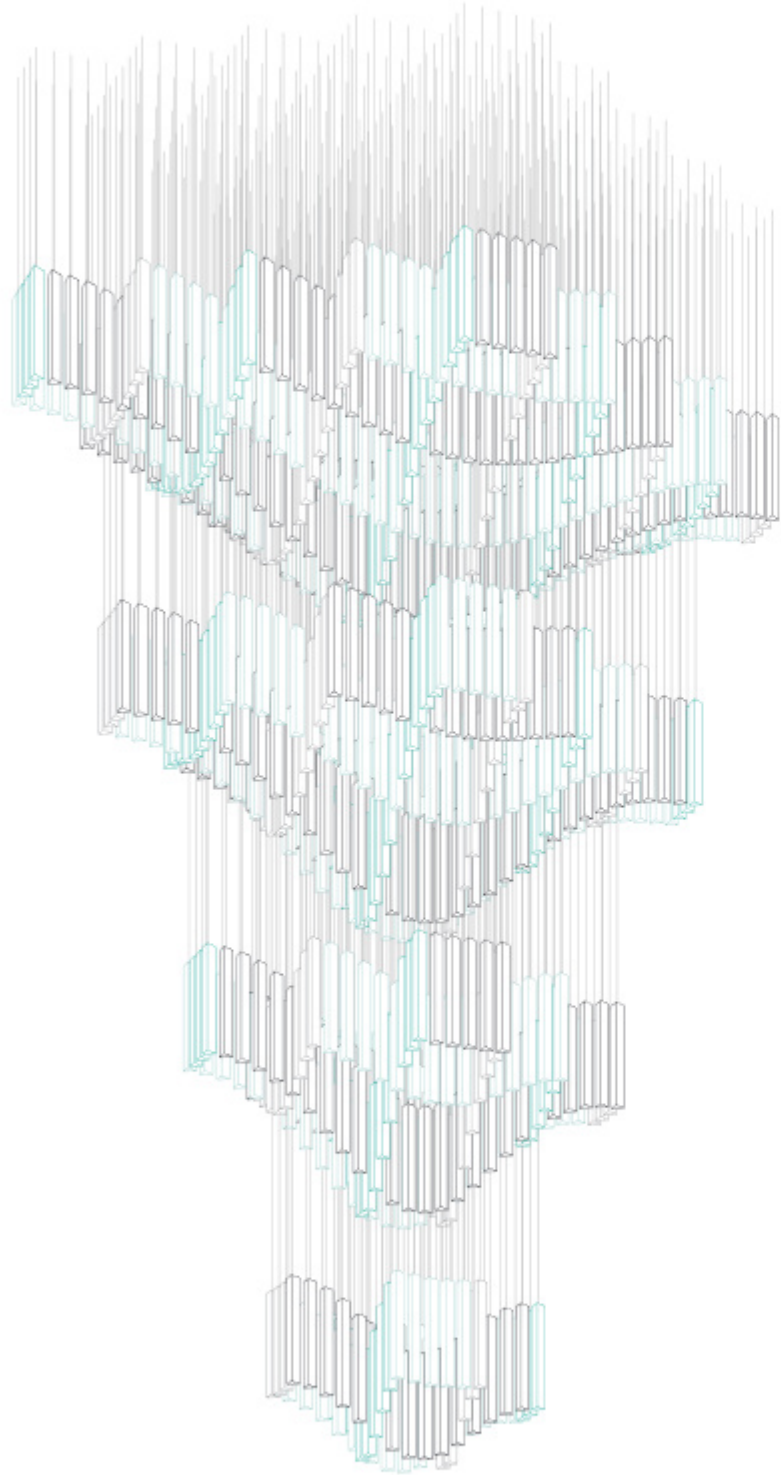
DCL 03
Dimensions: 3030 × 1030 × 1330 mm
Number of components: 316 pcs
Component length: 490 mm



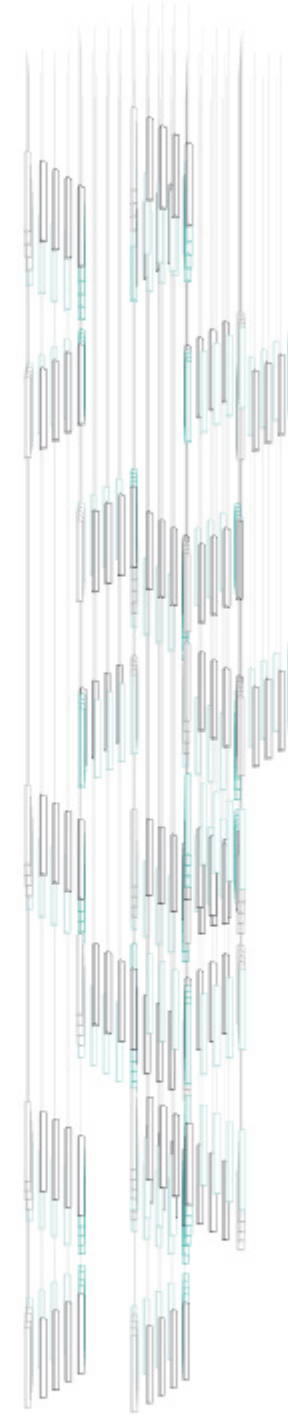
Top View



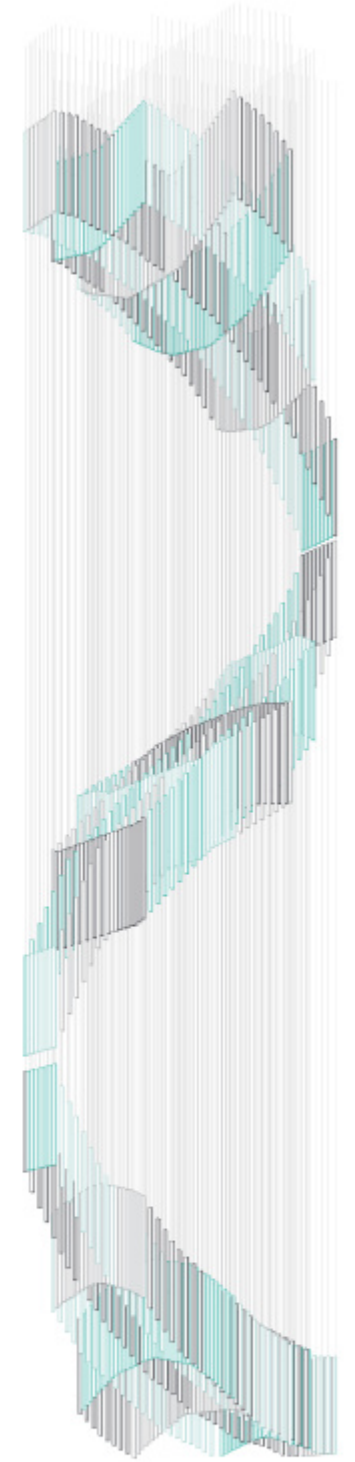
DCL 08
Dimensions: 2950 × 1000 × 880 mm
Number of components: 387 pcs
Component length: 350 mm



DCV 01
Dimensions: 1800 × 1130 × 2450 mm
Number of components: 784 pcs
Component length: 230 mm



DCV 02
Dimensions: 1030 × 1030 × 5550 mm
Number of components: 400 pcs
Component length: 350 mm



DCV 04
Dimensions: 2030 × 2030 × 9630 mm
Number of components: 828 pcs
Component length: 725 mm

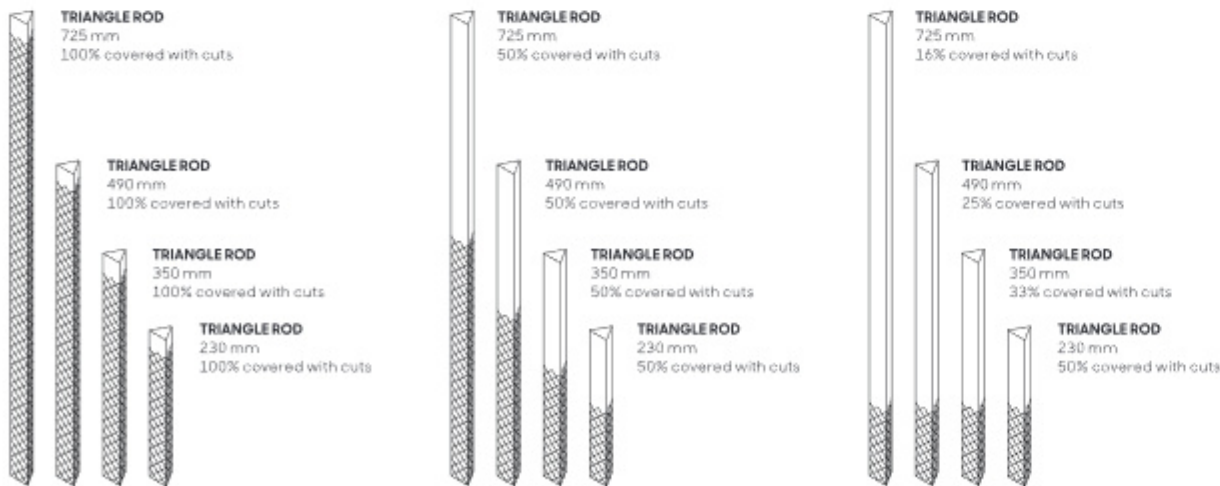
Components & materials

Diamond Cloud is composed from triangular rods which give the installation a geometrically clean and organized composition. The Diamond Cut is used on the components which also feature different surface treatments. Clear components reflect light, and with polished cuts create a sparkling and dramatic effect. The frosted components absorb light and create more of a glowing effect. The two component types create contrast between each other and optically increase the separation of individual component lines.

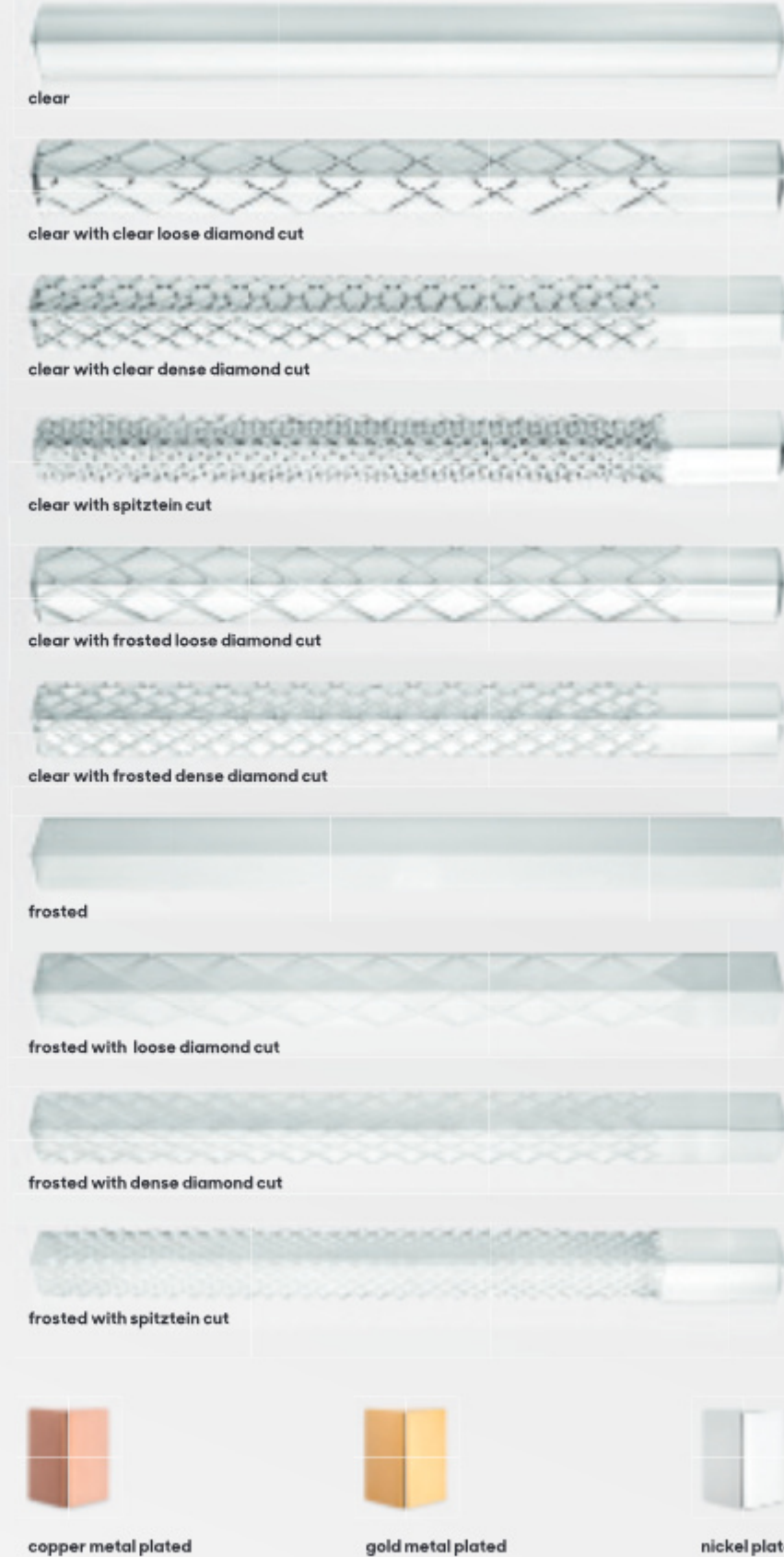
COMPONENT SIZES



CUTTING AREA



SURFACE FINISHES - TRIANGULAR COMPONENTS



Lighting effects & suspension

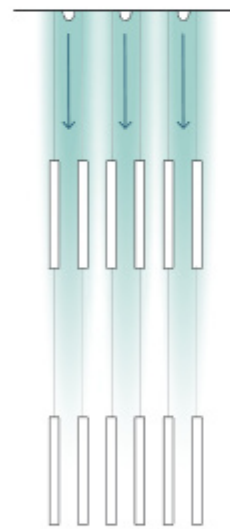
PASSING LIGHT



Passing light

Passing light works well with variations of the Diamond Cut. It creates a nice refraction of light and gives the components a sparkling effect. Indirect lighting as downlights gives the fixture functional lighting capabilities. Using indirect illumination provides the option to place one or multiple components on one suspension.

Downlight illumination can be provided as static or dynamic (computer-composed scenes which addresses DMX-controlled downlights placed above fixture) with RGBW capabilities.



COMPONENT ORIENTATION



Aligned

Fixation on two wires where we can keep components in perfect alignment. This can be used to create a geometric feel from the fixture and give it an arranged look.



Unaligned

We can choose a simple attachment on one wire where the components are loose and oriented randomly. Here, the overall pattern of the composition is visible, but the individual components are not precisely aligned.



Unaligned



Unaligned



Aligned

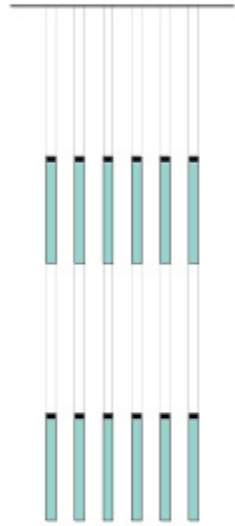


Aligned

STATIC INJECTED LIGHTING



Light is injected directly into a component to create an inner glow effect. This method works well with frosted or cut glass. Each crystal component has an LED chip which injects light into it. With each component being individually illuminated, multiple components can be hung on the same suspension. This option can be provided with a metal fitting covering the LED chip, or without a fitting. An exposed fitting can be used to keep the fixture light and airy.



DYNAMIC INJECTED LIGHTING



Injected light can be provided as dynamic light scenes - computer-composed scenes which addresses DMX-controlled LED chips in each string. Each suspension works as an individual address for control, and programmed together, create a complex visual scene. RGBW capabilities are only available when using a single component on each suspension.



single layer

LED chip
with power supply
TRIANGLE ROD
Width: 29 mm
Length: 490 mm

single layer

LED chip
with power supply
TRIANGLE ROD
Width: 29 mm
Length: 490 mm

single layer

LED chip
with power supply
TRIANGLE ROD
Width: 29 mm
Length: 490 mm

single layer

LED chip
with power supply
TRIANGLE ROD
Width: 29 mm
Length: 490 mm

multi layer

LED chip
with power supply
TRIANGLE ROD
Width: 29 mm
Length: 2x 230 mm



RGBW light



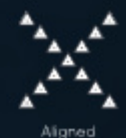
Unaligned



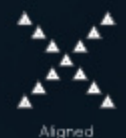
Aligned



Unaligned

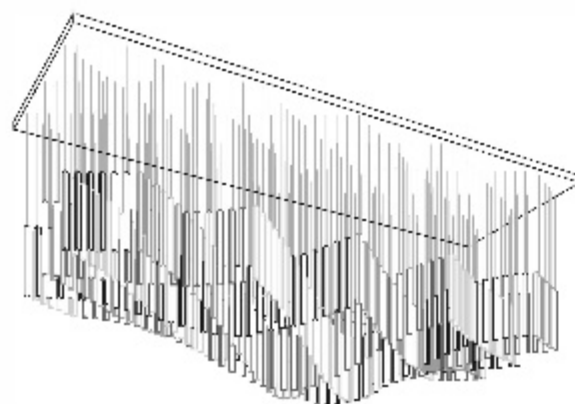


Aligned



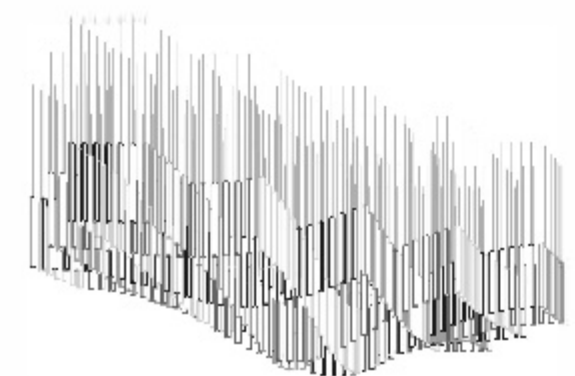
Aligned

Fixing options



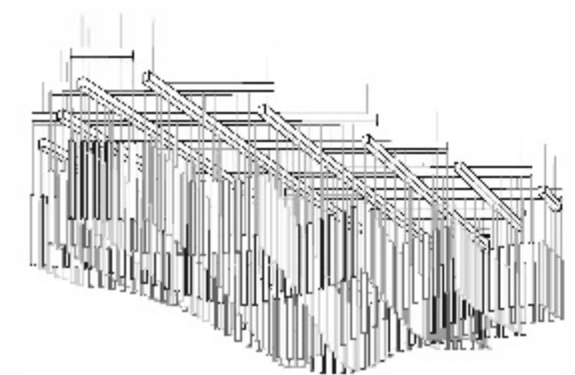
FIXING FRAME

Diamond Cloud is visually more significant in the space when a fixing frame is used. The colour of the ceiling frame can be altered to match the ceiling, or the ceiling frame can be a polished stainless steel mirror which gives the fixture an illusion of depth, higher density and visually larger. A fixing frame requires ceiling preparation from the customer, including several bearing rods into the ceiling; a power supply connection; and an opening in a false ceiling where the frame can be flush. A ceiling frame can support any injected light method provided by LL Lighting, and it can also be used as housing for downlights or electronics to include injected lighting.



FIXING IN FALSE CEILING

A false ceiling helps create a visually lighter fixture because the components hang directly from the ceiling. The ceiling housing of each component string can be changed to any colour to match the ceiling. The ceiling housing's size for each component depends on the chosen suspension method. This fixing can be used for passing or injected light components. Fixing in a false ceiling requires preparation from the customer, including preparing a reinforced ceiling with drilled holes; a power supply connection for each fixing point and access to a service area near the fixture for the installation of the electronics for injected lighting.



FIXING IN RAIL

Making the rail (frame) part of the design gives the impression of a larger vertical impact. The rail can have different forms, shapes and can spread vertically onto several levels. The rail comes in different colours. Using a rail allows for less fixing points in the ceiling, even if there are dense clusters of components. This means the fixture can be hung from skylights, decorative ceilings, or used simply as a design element. Using a rail requires the customer to install threaded rods to support the rail's bearing wires and power supply connections for cables for each rail. The ceiling housing can be partly flush or covered by a ceiling canopy. The rail can only be horizontal.





DCL 11
Dimensions: 5080 • 1520 • 1630 mm
Number of components: 662 pcs
Component length: 350 mm



Bishop Design Office Dubai, UAE
Interior designer: Bishop Design, Dubai



Damac Towers by Paramount, Dubai, UAE
Interior designer: HLA Design, Kuala Lumpur

Signature *Designs*

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 Signature Designs which are highlighted by countless customization possibilities to perfectly fit the owner's desires.

What makes a Signature Design so strategic is the variations that can be developed. Each concept offers different scales, compositions, colours, materials and surface finishes, construction principles and illumination methods.

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.



Inspiral

Inspiral is inspired by calligraphy, writing with light. Like drawing through space, Inspiral becomes a ribbon of light as it sweeps through a room.

Each Inspiral light is created from a specially formed stainless steel ribbon that can be bent and shaped as desired. A LED strip comprised of small diodes lines the edges of the ribbon. Different colour combinations can be used to create distinct moods or to suit a specific colour palette.

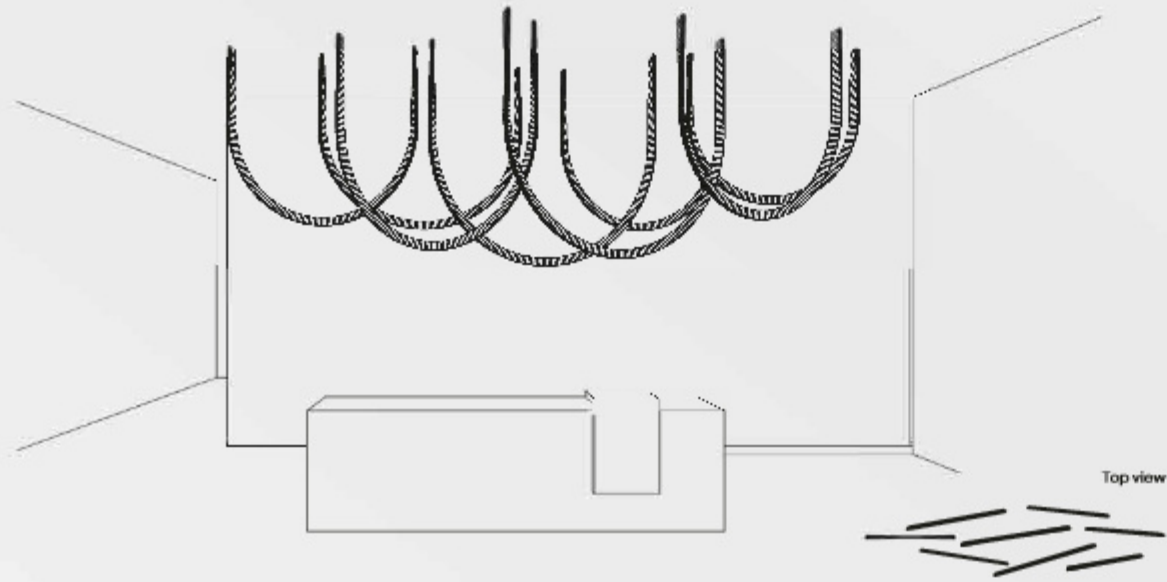




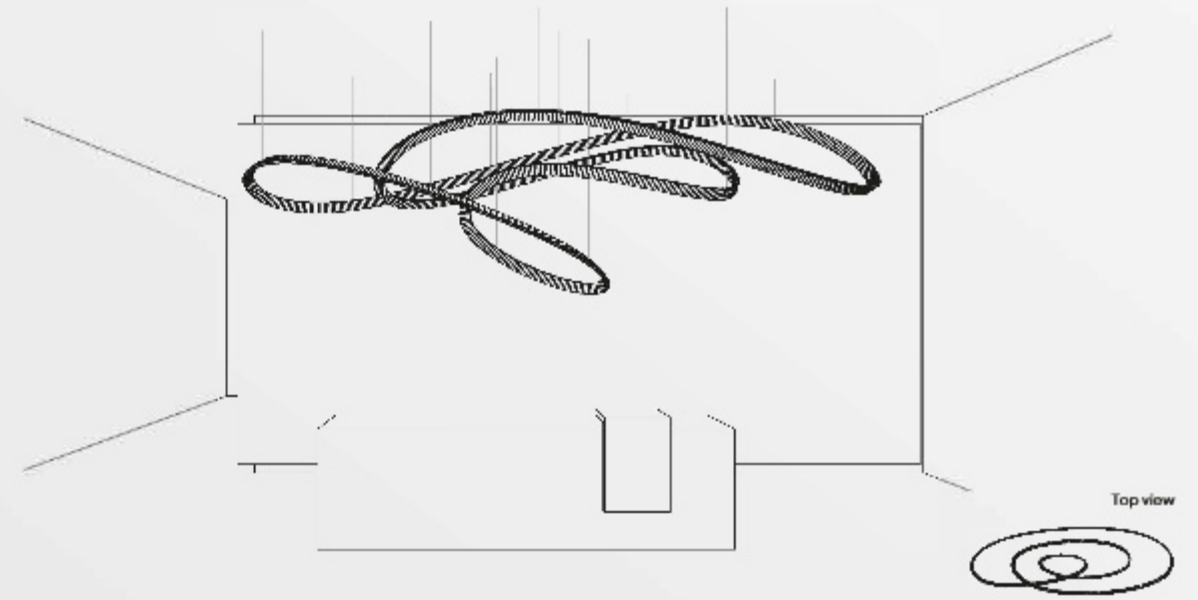
ISC 22
Dimensions: dia 8290 mm
Total running meters: 76 m
Prism size: 30 x 150 mm

BRING INSPIRAL TO LIFE

Here we share examples of how different compositions can look in a space. Each image shows how one of the suggested designs has been customized to fit the designer's vision and space.



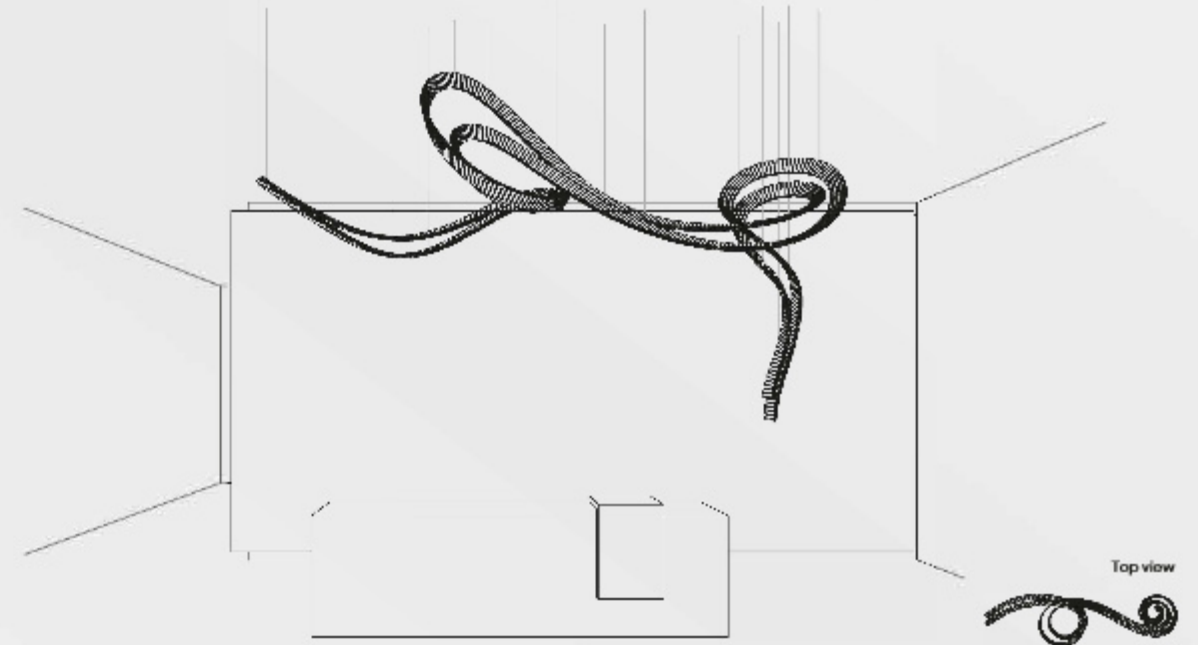
ISC 32
 Dimensions: 6320 × 1480 × 2180 mm
 Total running meters: 37.5 m
 Prism size: 22 × 76 mm
Based on the original composition ISC 03 (p. 18)



ISC 34
 Dimensions: 5830 × 1950 × 1955 mm
 Total running meters: 25.1 m
 Prism size: 22 × 100 mm
Based on the original composition ISC 17 (p. 26)

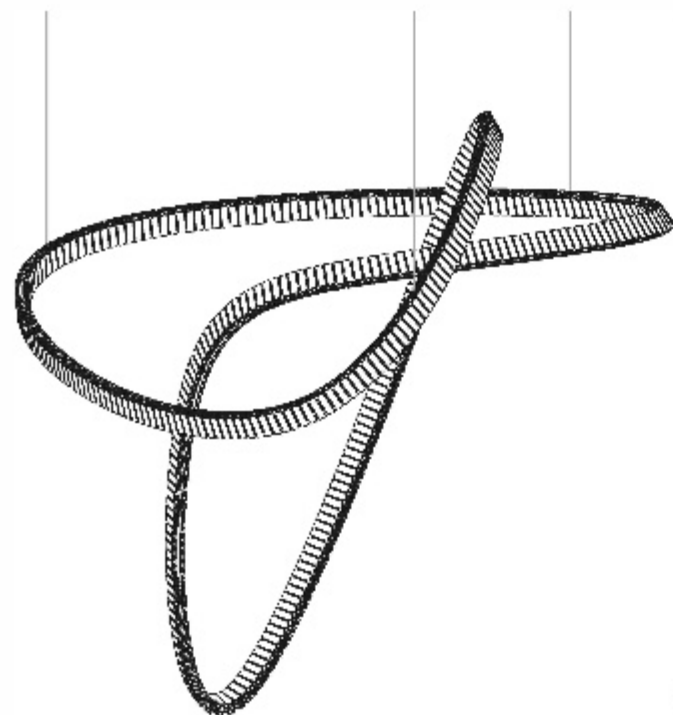


ISC 33
 Dimensions: 7780 × 2630 × 1450 mm
 Total running meters: 27.3 m
 Prism size: 30 × 150 mm
Based on the original composition ISC 21 (p. 24)

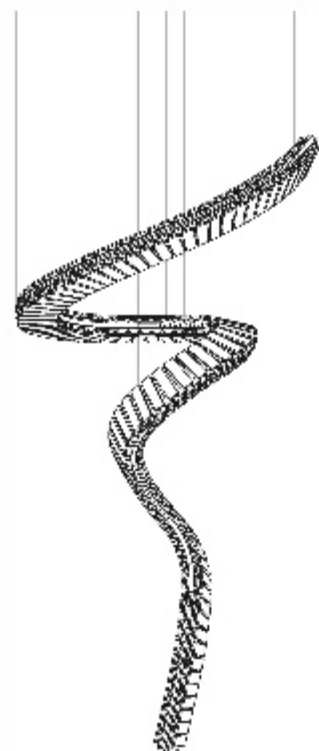


ISL 03
 Dimensions: 5780 × 1620 × 3590 mm
 Total running meters: 29.8 m
 Prism size: 30 × 150 mm

Composition ideas



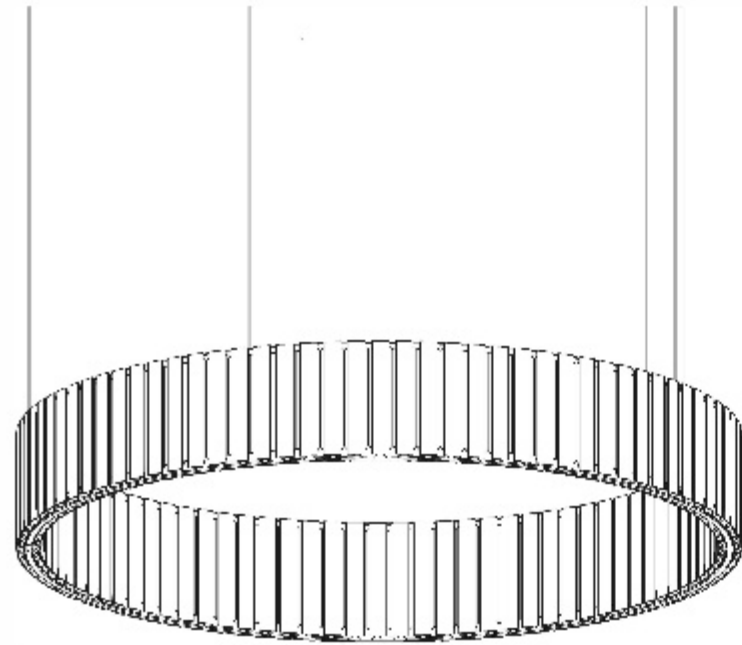
ISC 04
Dimensions: 2050 x 1370 x 1880 mm
Total running meters: 10.5 m
Prism size: 22 x 76 mm



ISC 06
Dimensions: 580 x 600 x 1210 mm
Total running meters: 2.5 m
Prism size: 22 x 76 mm



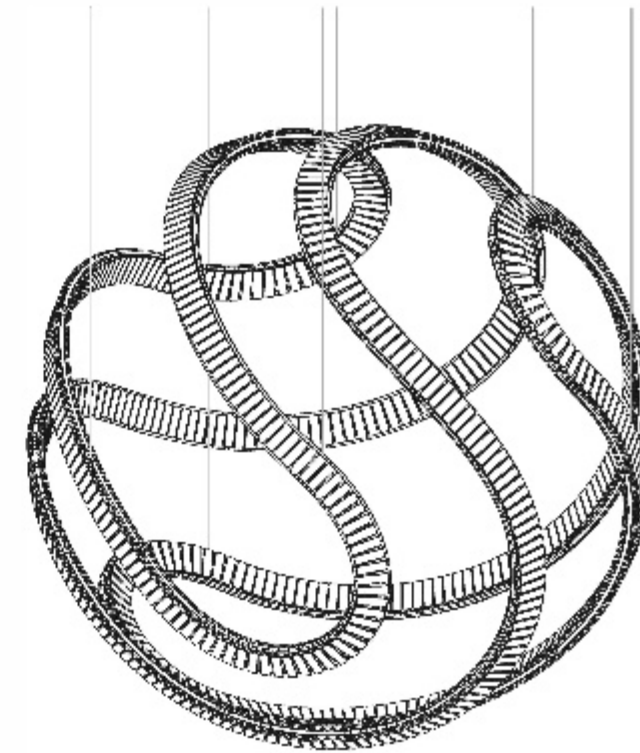
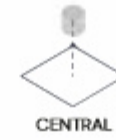
Hilton Istanbul Bosphorus Hotel & Conference Center Istanbul, Turkey
interior designer: GA International, London



Top view



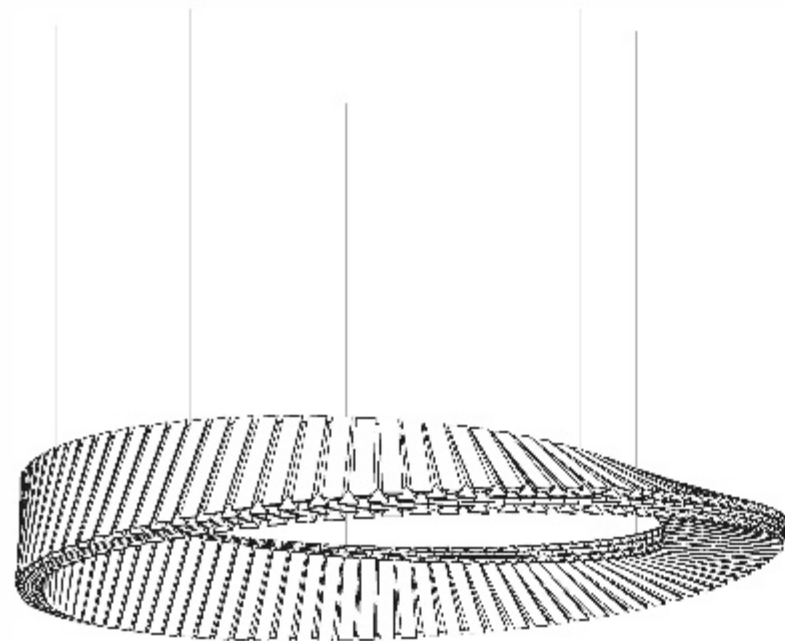
ISC 01
Dimensions: 1240 × 1240 × 210 mm
Total running meters: 4 m
Prism size: 30 × 200 mm



Top view



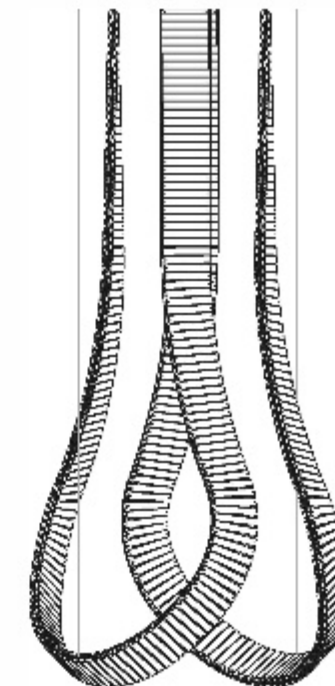
ISC 08
Dimensions: 1510 × 1360 × 1520 mm
Total running meters: 17 m
Prism size: 22 × 76 mm



Top view



ISC 02
Dimensions: 1370 × 1330 × 210 mm
Total running meters: 4 m
Prism size: 30 × 200 mm



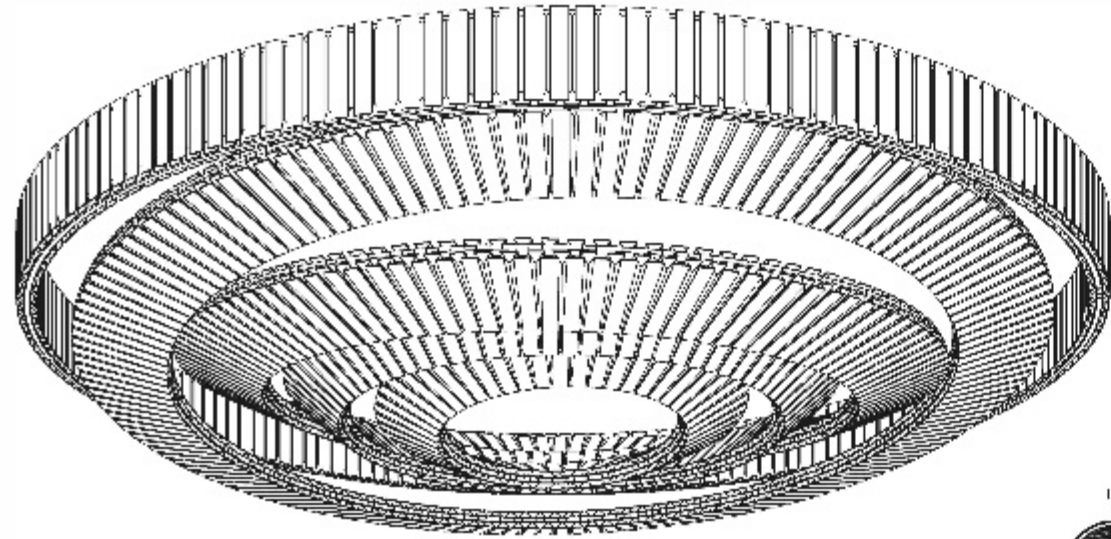
Top view



ISC 18
Dimensions: 1360 × 1360 × 2880 mm
Total running meters: 13 m
Prism size: 30 × 200 mm



CENTRAL



Top view

ISC 19

Dimensions: 2280 x 2280 x 390 mm
 Total running meters: 23 m
 Prism size: 30 x 150 / 30 x 200 mm



Top view

ISC 03

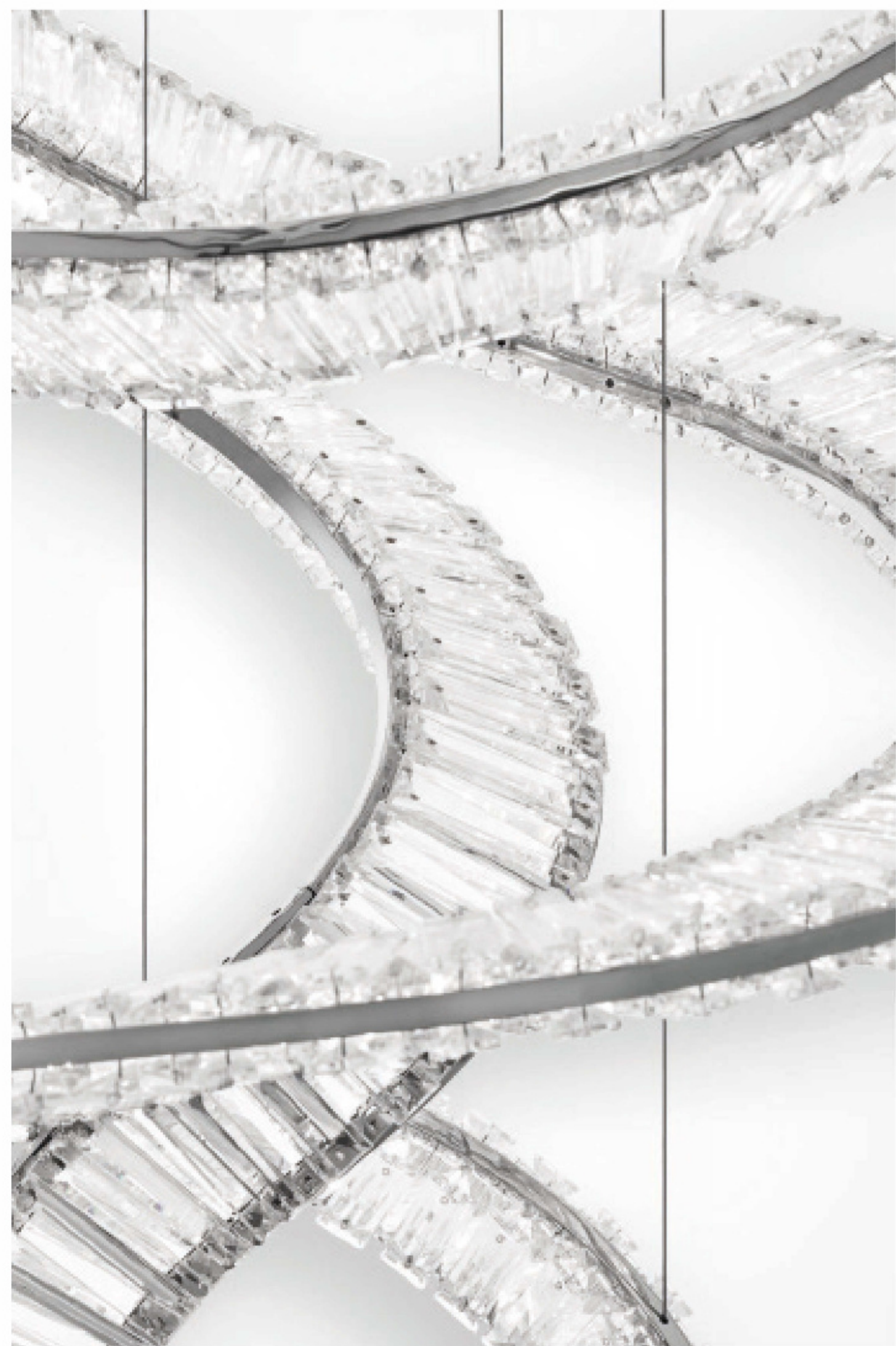
Dimensions: 420 x 100 x 2570 mm
 Total running meter: 5 m
 Prism size: 22 x 76 mm

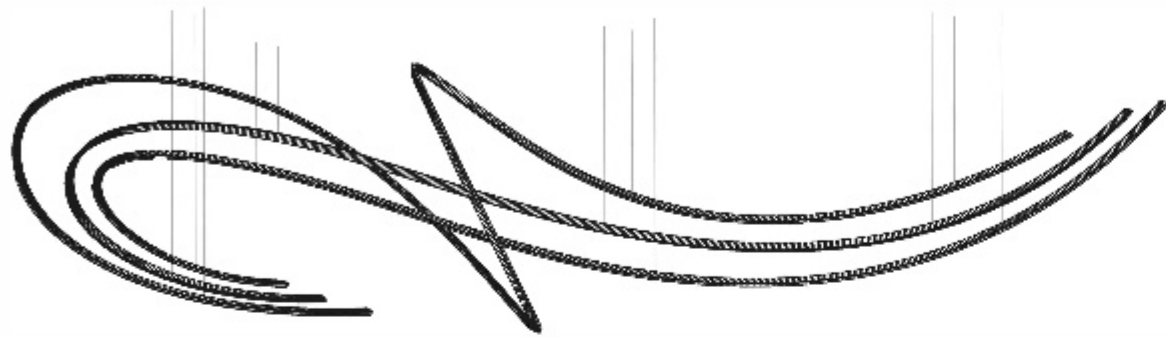
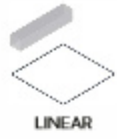


Top view

ISC 05

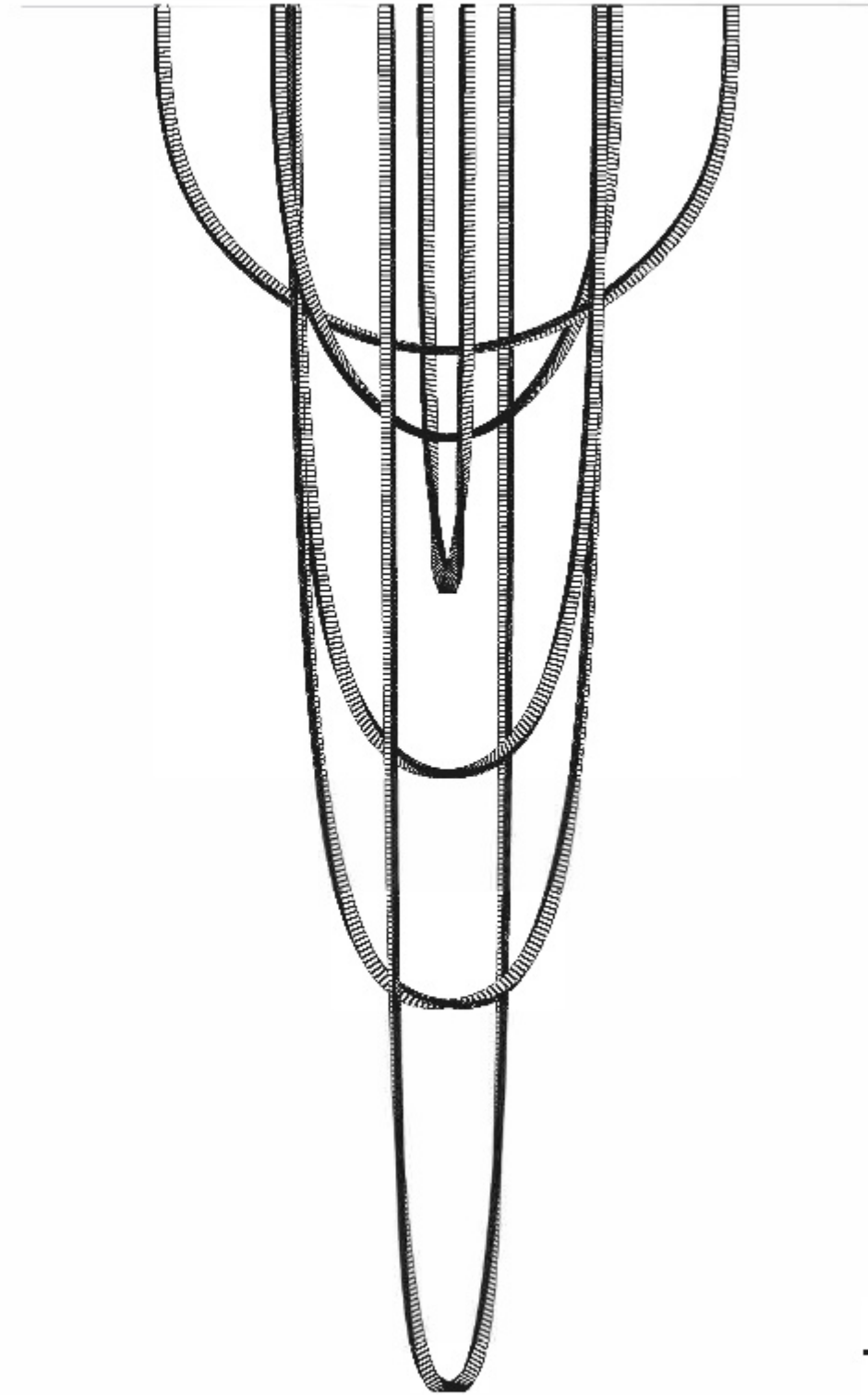
Dimensions: 1150 x 100 x 3000 mm
 Total running meters: 6.5 m
 Prism size: 22 x 76 mm





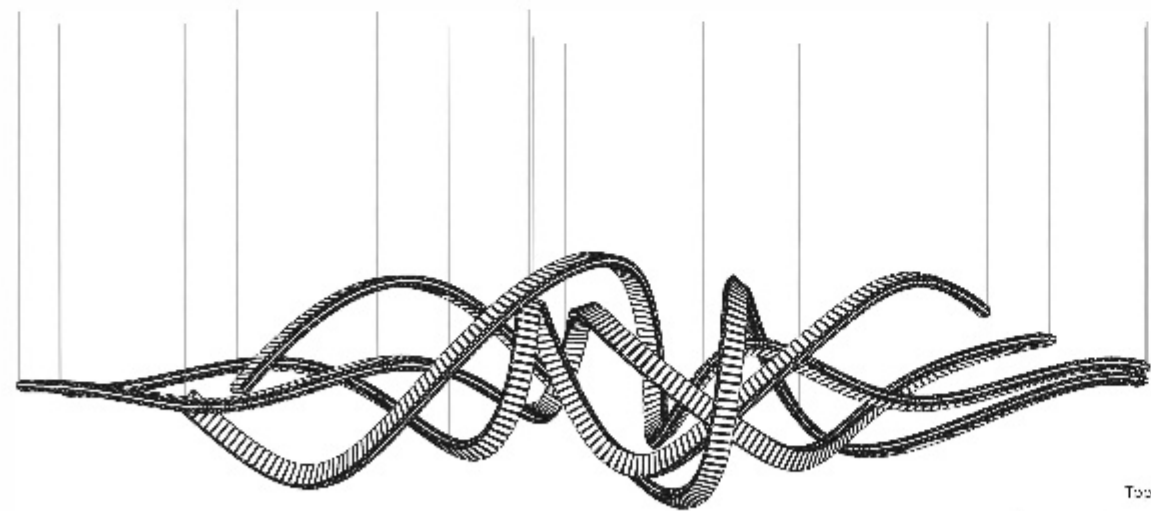
Top view

ISL 01
Dimensions: 11150 × 3970 × 2700 mm
Total running meters: 57 m
Prism size: 22 × 76 mm



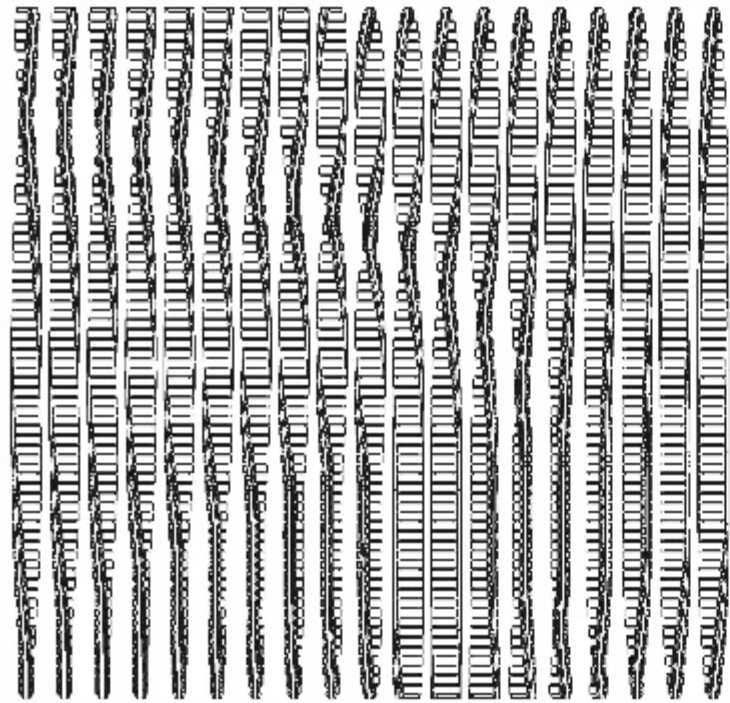
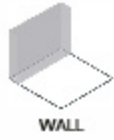
Top view

ISV 01
Dimensions: 3040 × 2390 × 7320 mm
Total running meters: 53.5 m
Prism size: 22 × 76 mm



Top view

ISL 02
Dimensions: 3950 × 1050 × 910 mm
Total running meters: 21 m
Prism size: 22 × 76 mm

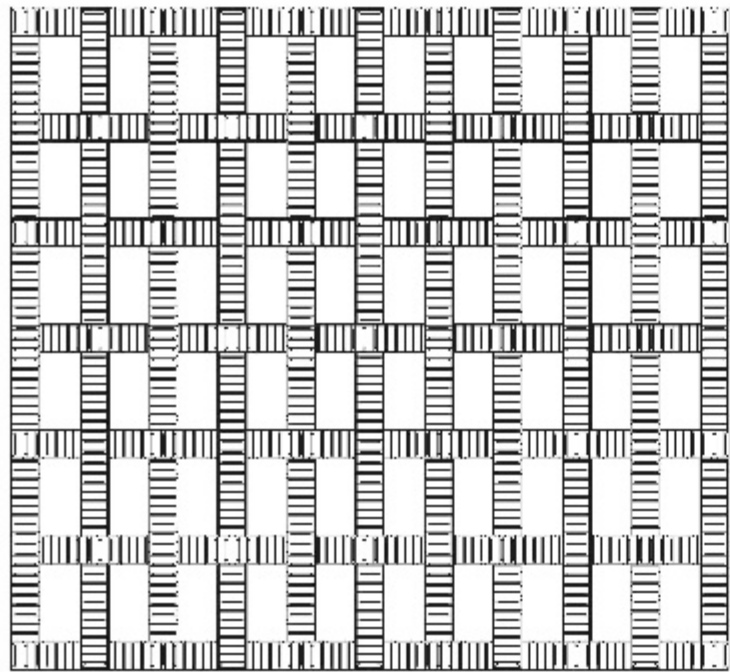
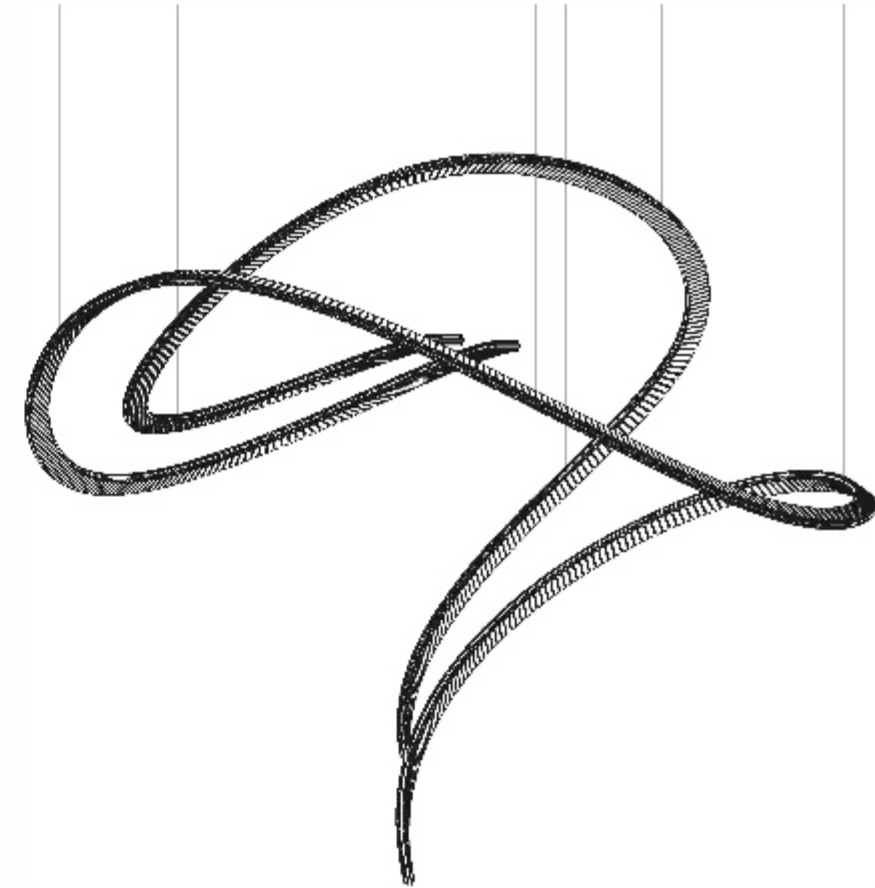


Top view



ISW 01

Dimensions: 2090 × 90 × 2010 mm
Total running meters: 38 m
Prism size: 22 × 76 mm

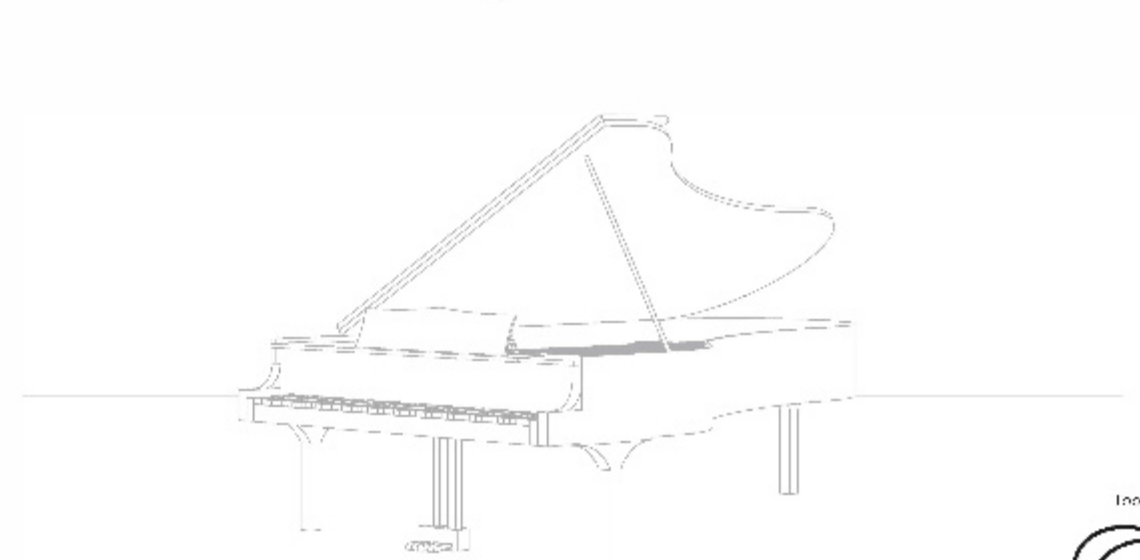


Top view



ISW 02

Dimensions: 2080 × 130 × 1930 mm
Total running meters: 36 m
Prism size: 22 × 76 mm

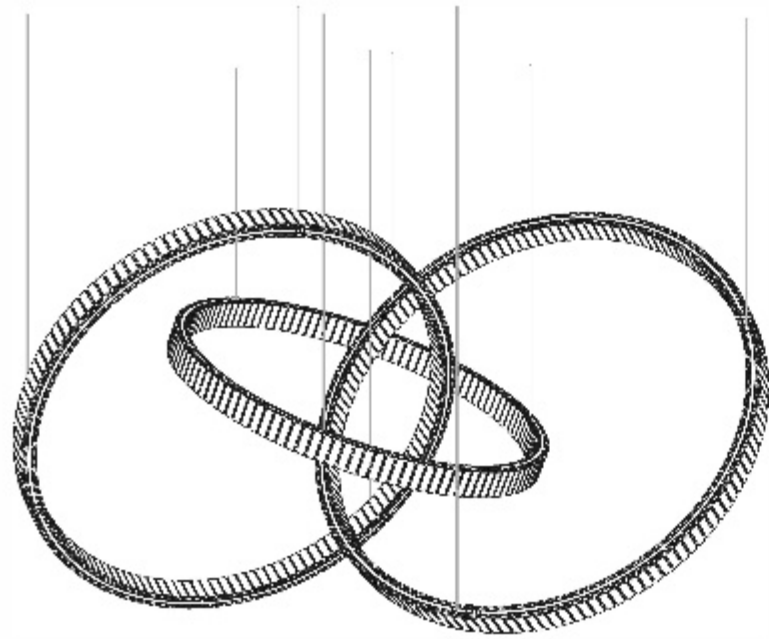


Top view

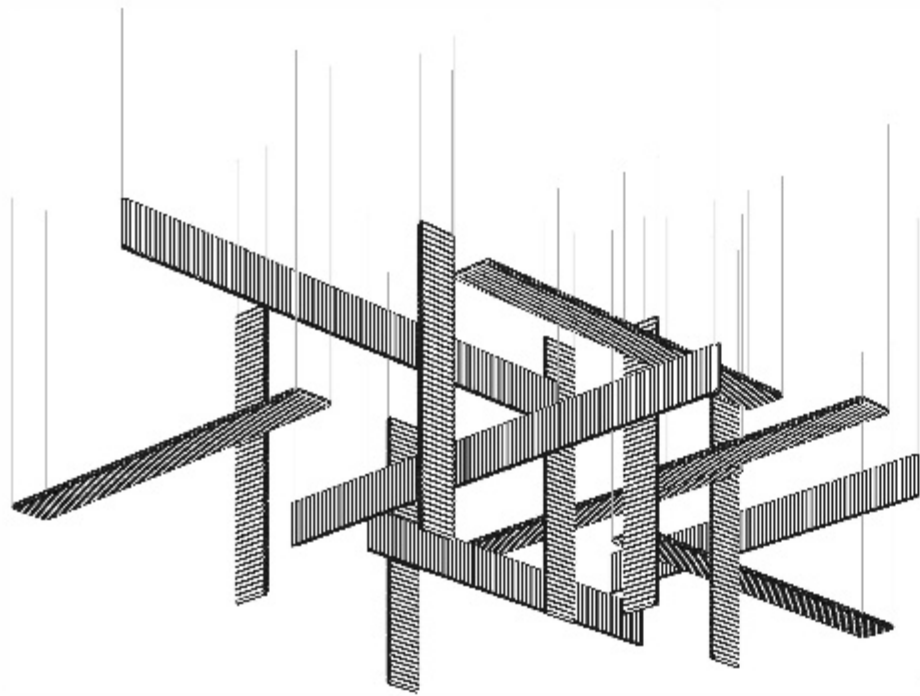


ISW 07

Dimensions: 2850 × 3100 × 2660 mm
Total running meters: 21 m
Prism size: 22 × 76 mm



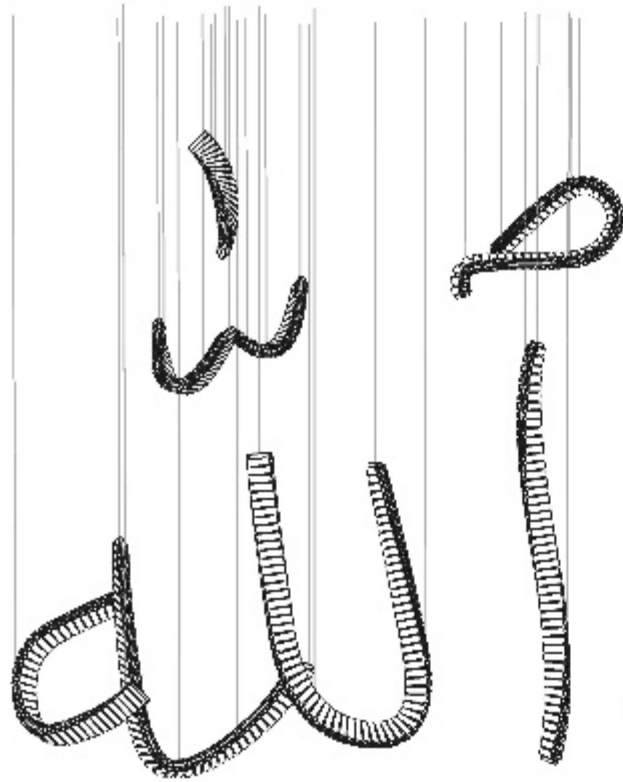
ISC 20
Dimensions: 1980 • 1380 • 1110 mm
Total running meters: 11 m
Prism size: 22 • 76 mm



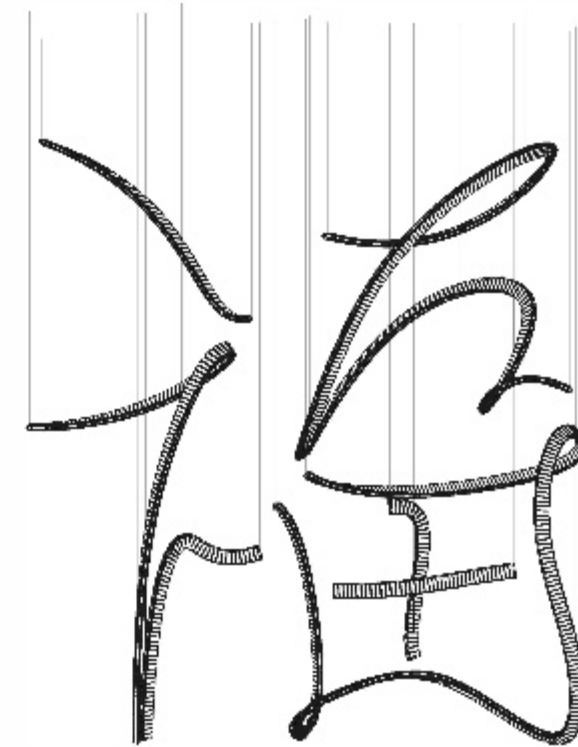
ISC 21
Dimensions: 7780 • 5310 • 2260 mm
Total running meters: 50 m
Prism size: 30 • 300 mm



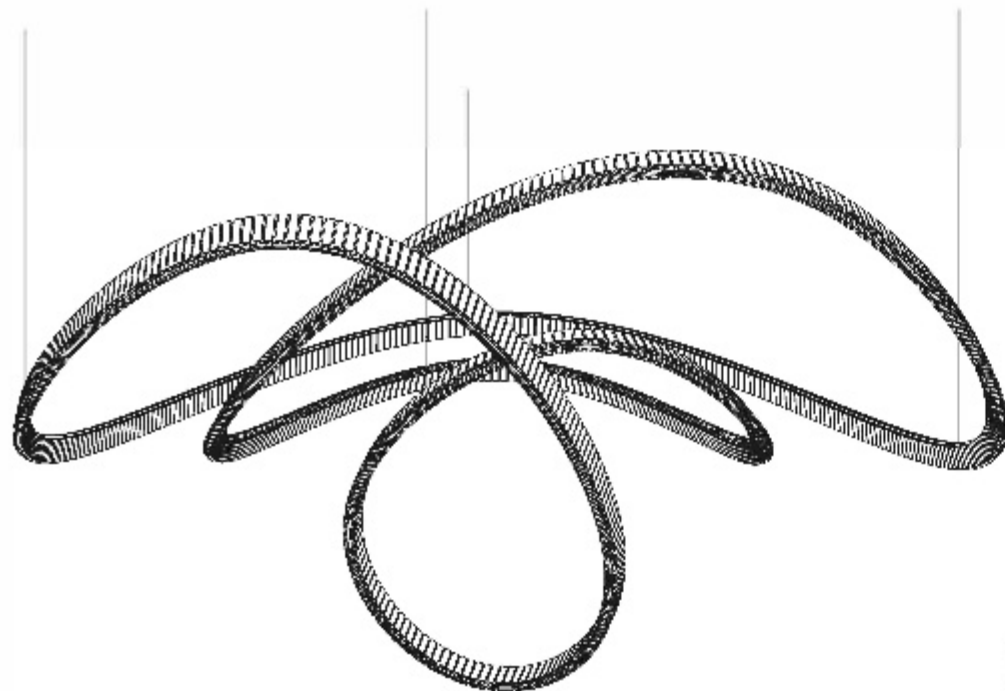
ISC 23
Dimensions: 1790 • 1800 • 985 mm
Total running meters: 11 m
Prism size: 22 • 76 mm



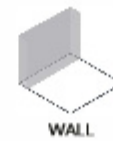
Top view
ISC 16
 Dimensions: 2000 × 510 × 2140 mm
 Total running meters: 9 m
 Prism size: 22 × 76 mm



Top view
ISC 09
 Dimensions: 3430 × 1120 × 3740 mm
 Total running meters: 27 m
 Prism size: 22 × 76 mm



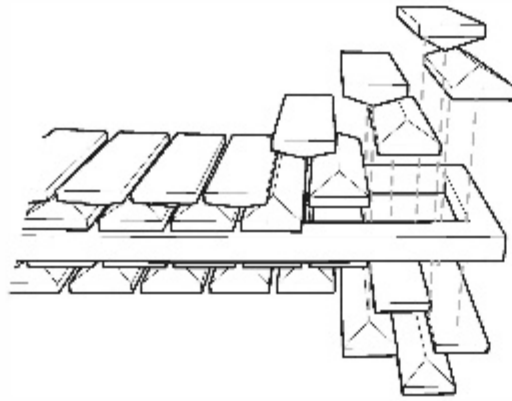
Top view
ISC 17
 Dimensions: 3080 × 3150 × 1670 mm
 Total running meters: 20 m
 Prism size: 22 × 76 mm



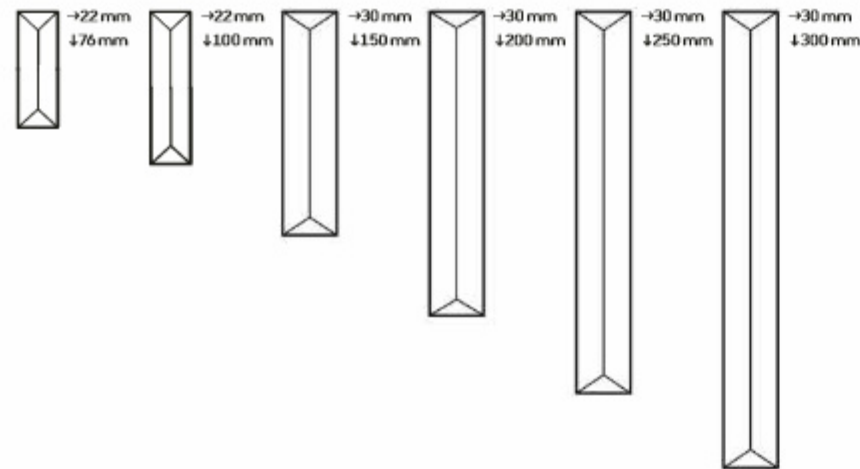
Top view
ISW 03
 Dimensions: 2520 × 120 × 2370 mm
 Total running meters: 13 m
 Prism size: 22 × 76 mm

Construction principles

LL. Inspiral construction alternates crystal prisms to create overlaps. This structure avoids gaps that could cause hotspots and gives the crystal ribbon a harmonious appearance. The arrangement also offers maximum flexibility as curved geometries can be achieved.



PRISM SIZES



MARITIME



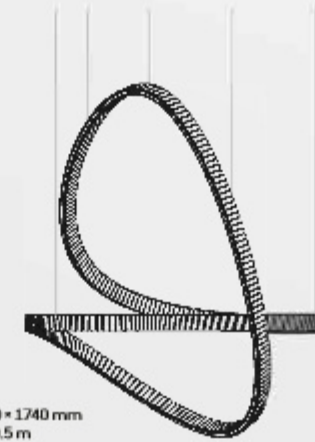
Inspiral is maritime compatible which means it can be engineered to meet the safety requirements of yachts and cruise ships. It is also suitable for seismic active regions.

STANDARD SIZES OF CONSTRUCTION

Top view



ISC 10
 Dimensions: 2420 × 1460 × 1740 mm
 Total running meters: 10.5 m
 Prism size: 22 × 76 mm
 Prisms quantity: 1496 pcs
 Width of frame: 86 mm
 Weight: 4.8 kg/m



Top view



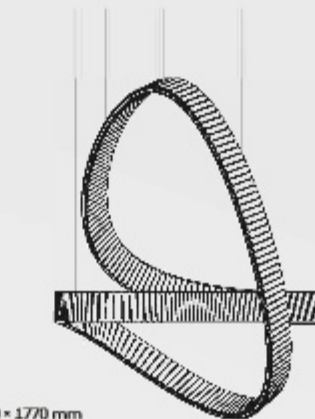
ISC 11
 Dimensions: 2410 × 1460 × 1740 mm
 Total running meters: 10.5 m
 Prism size: 22 × 100 mm
 Prisms quantity: 1496 pcs
 Width of frame: 114 mm
 Weight: 6 kg/m



Top view



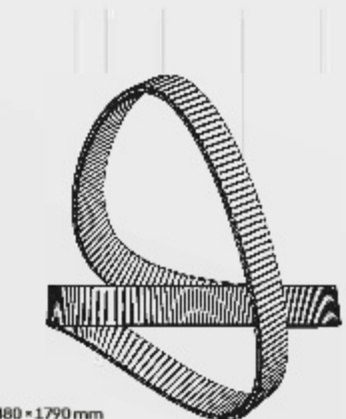
ISC 12
 Dimensions: 2430 × 1470 × 1770 mm
 Total running meters: 10.5 m
 Prism size: 30 × 150 mm
 Prisms quantity: 1048 pcs
 Width of frame: 164 mm
 Weight: 11.5 kg/m



Top view



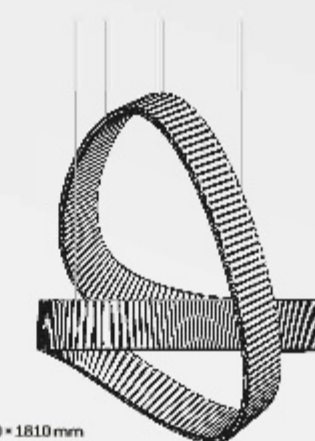
ISC 13
 Dimensions: 2440 × 1480 × 1790 mm
 Total running meters: 10.5 m
 Prism size: 30 × 200 mm
 Prisms quantity: 1048 pcs
 Width of frame: 214 mm
 Weight: 14 kg/m



Top view



ISC 14
 Dimensions: 2440 × 1480 × 1810 mm
 Total running meters: 10.5 m
 Prism size: 30 × 250 mm
 Prisms quantity: 1048 pcs
 Width of frame: 264 mm
 Weight: 17.5 kg/m



Top view



ISC 15
 Dimensions: 2450 × 1490 × 1840 mm
 Total running meters: 10.5 m
 Prism size: 30 × 300 mm
 Prisms quantity: 1048 pcs
 Width of frame: 314 mm
 Weight: 20.5 kg/m



Component colours



Stainless steel & Crystal prism



Stainless steel & Frosted crystal prism*



Stainless steel & Smoky crystal prism*



* Surface finish only on one side of prisms



Copper metal colour & Crystal prism



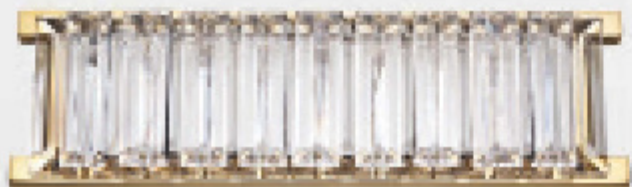
Copper metal colour & Frosted crystal prism*



Copper metal colour & Smoky crystal prism*



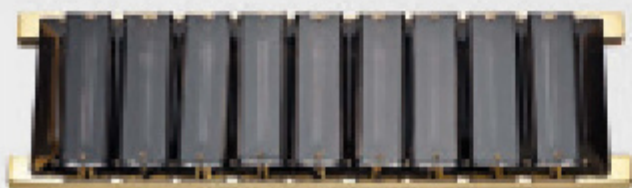
* Surface finish only on one side of prisms



Gold metal colour & Crystal prism



Gold metal colour & Frosted crystal prism*



Gold metal colour & Smoky crystal prism*



* Surface finish only on one side of prisms



Black metal colour & Crystal prism



Black metal colour & Frosted crystal prism*



Black metal colour & Smoky crystal prism*



* Surface finish only on one side of prisms

Lighting effects

STATIC LIGHTING



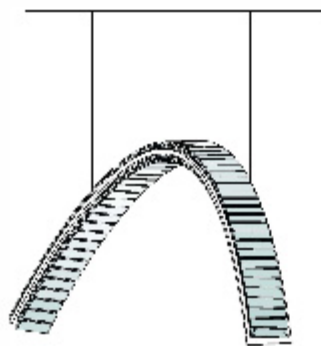
LED chains are behind the crystal prisms. This creates Inspiral's characteristic crystal lighting effect and produces a decorative, atmospheric light.



DYNAMIC LIGHTING



Dynamic light scenes are computer-composed which addresses SPI-controlled LED chains including the option for RGBW.



Divan Hotel, Adana, Turkey
Interior designer: Ozem Tuğcan, Istanbul



ISL 03
Dimensions: 5780 x 1620 x 3590 mm
Total running meters: 29.8 m
Prism size: 30 x 150 mm

