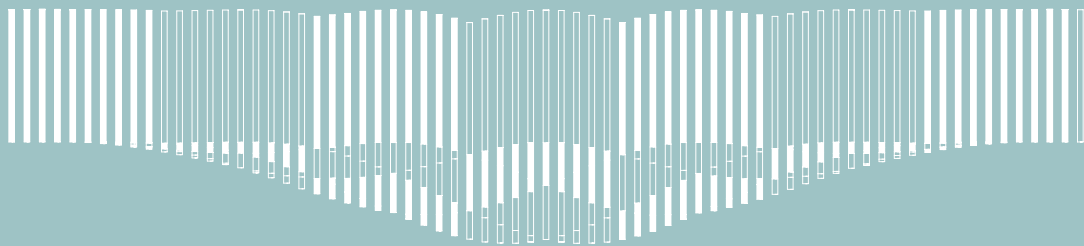


# Diamond *Cloud*

PRECIOSA SIGNATURE DESIGNS



PRECIOSA

PRECIOSA

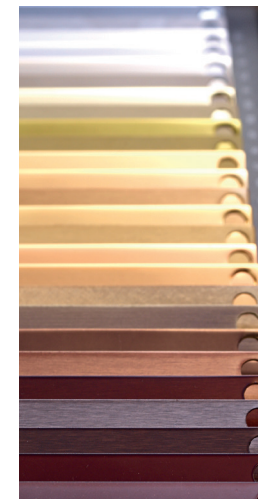
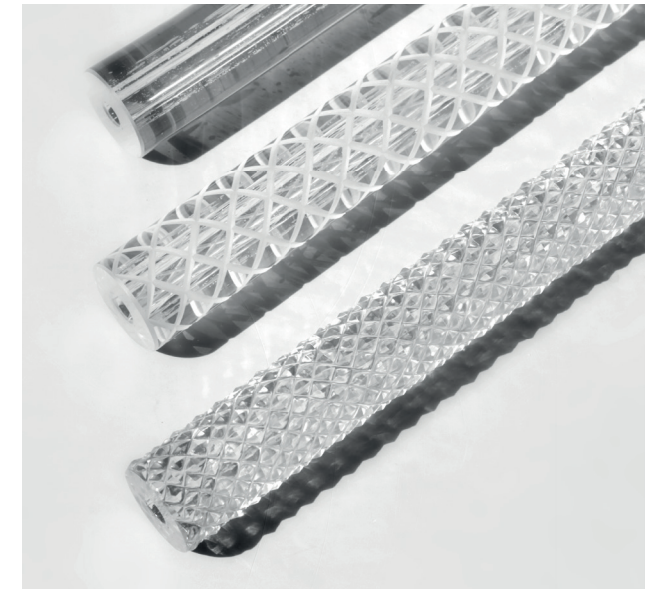


# Signature *Designs*

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.

Preciosa design team:

Vasku & Klug  
Marilies Wedl  
Lukáš Uliarczyk







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



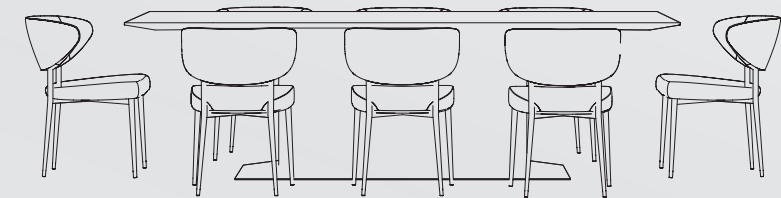
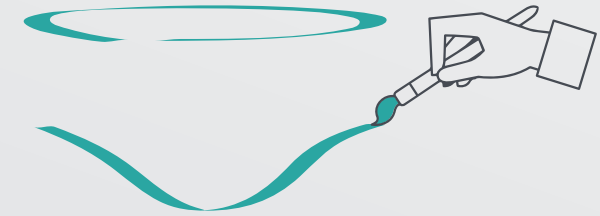
## Flexible design concept

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.

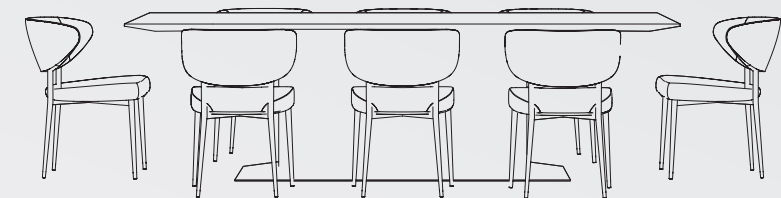
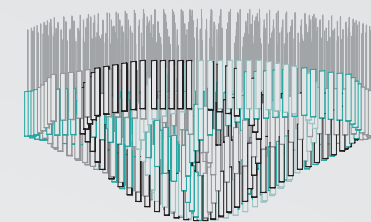
Be inspired by our sample compositions and customize them to the size of your space, or create your own shape for a one-of-a-kind look.

### COLLABORATE WITH THE PRECIOSA DESIGN TEAM

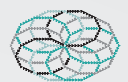
Whether you adapt any of the original compositions or create your own individual design, Preciosa's design team can help. Show us your space and outline your idea and we will prepare drawings and 3D data.



Free-hand composition by designer  
/ Designer's part

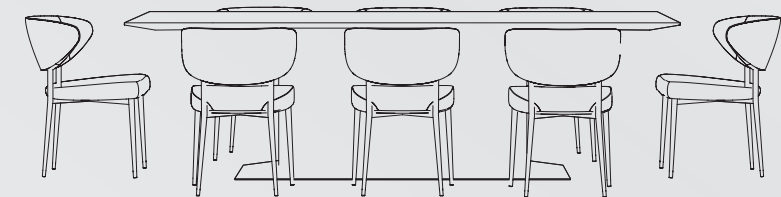
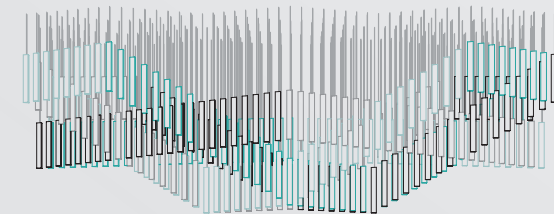
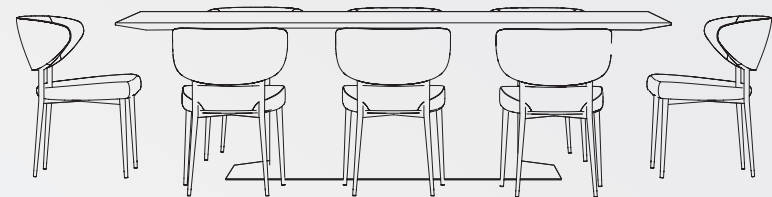
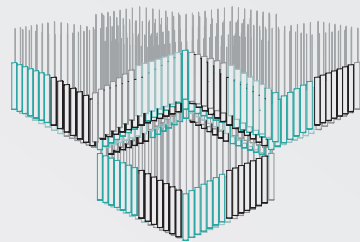
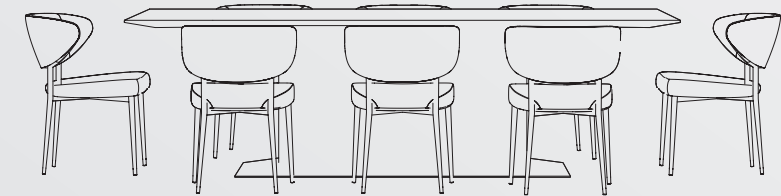
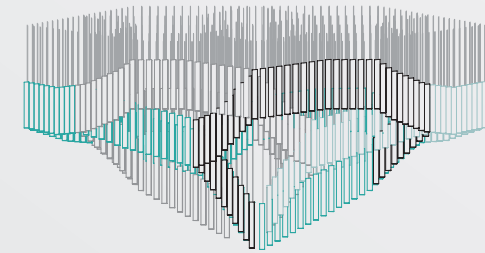
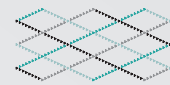
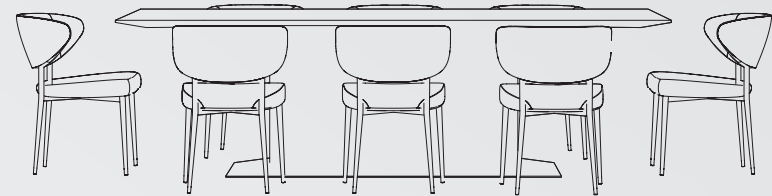
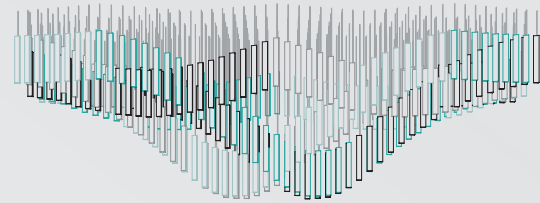


Drawings and 3D data by Preciosa design team  
/ Preciosa's part



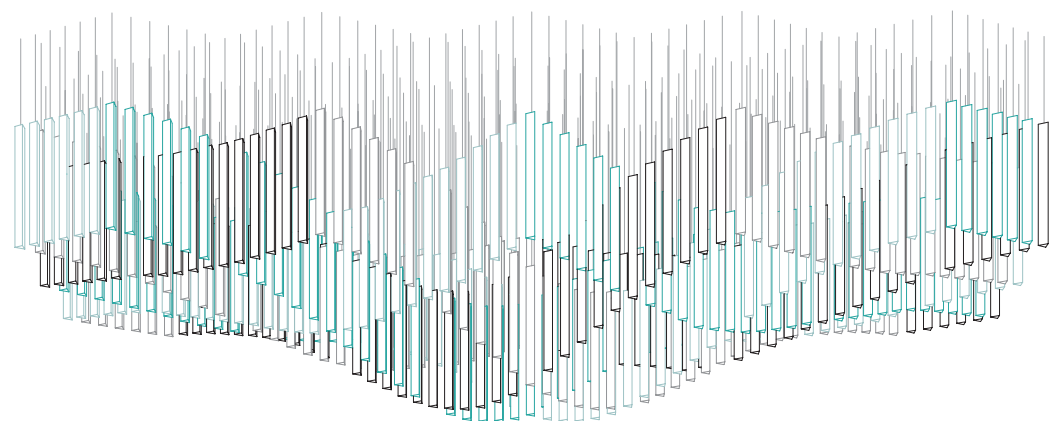
## BRING DIAMOND CLOUD TO LIFE

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.

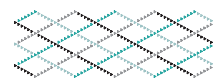




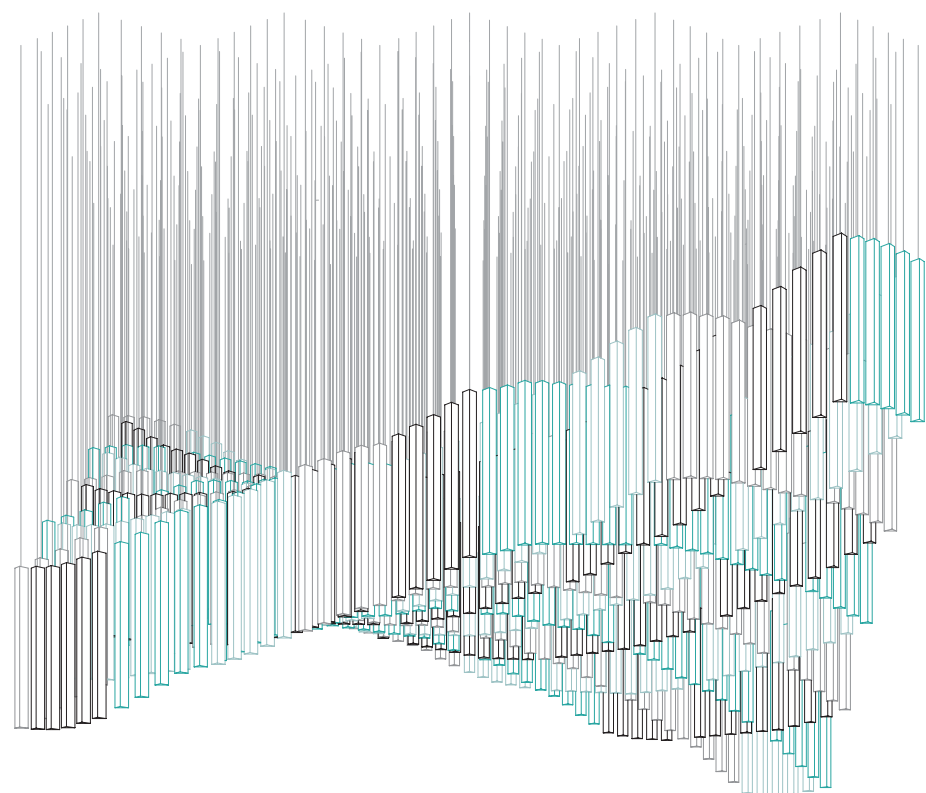
# Composition ideas



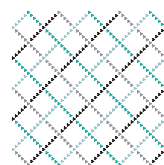
Top View



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



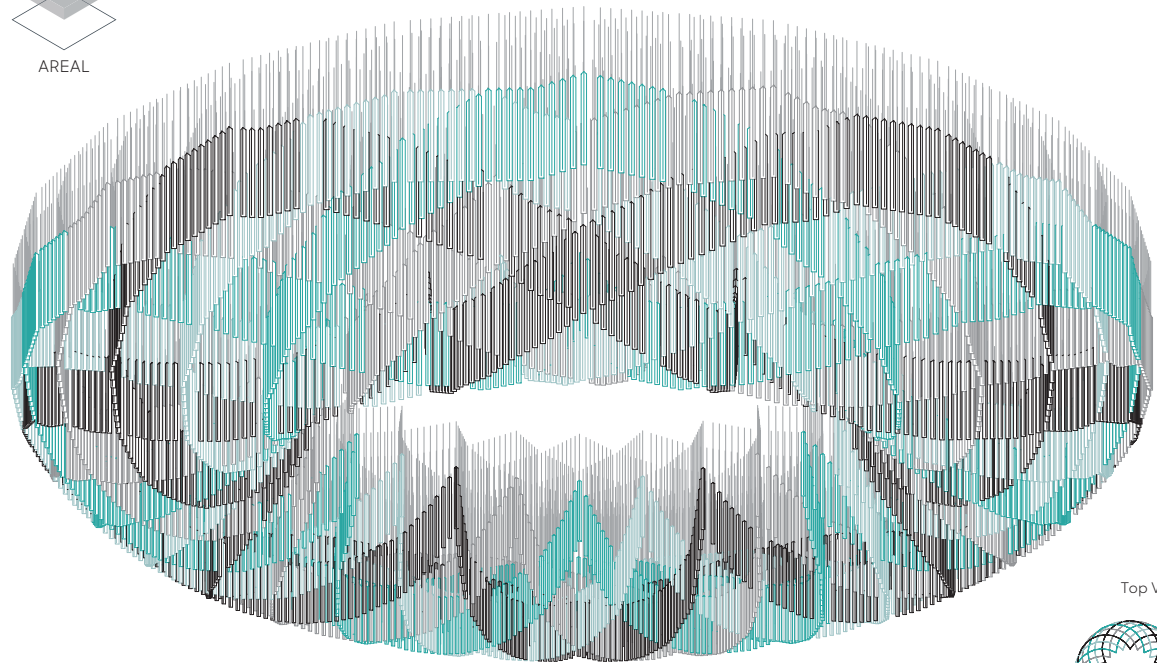
Top View



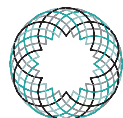
**DCA 02**  
Dimensions: 2000 x 2000 x 1050 mm  
Number of components: 460 pcs  
Component length: 350 mm



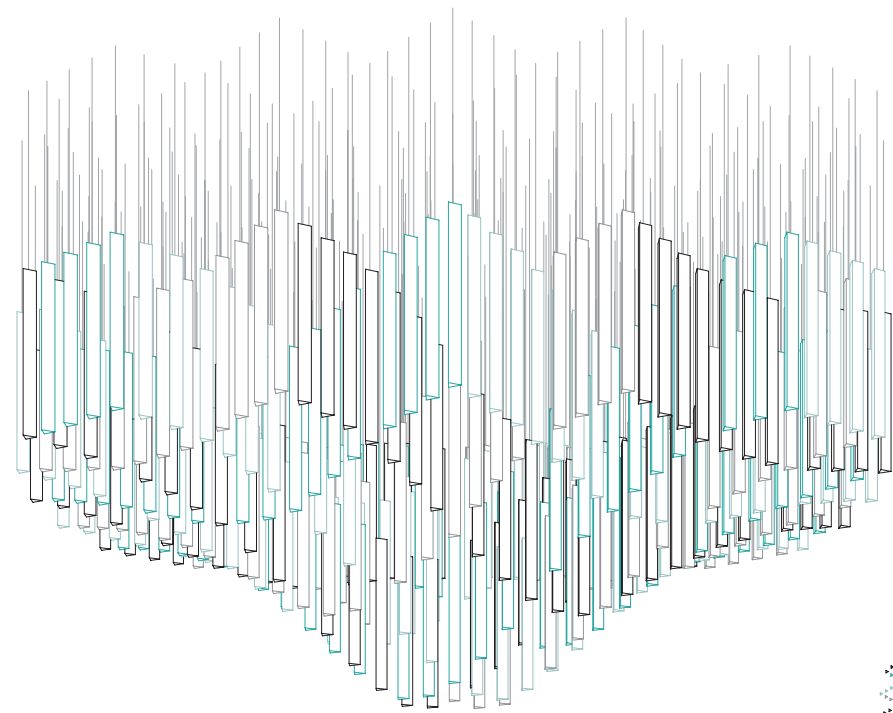
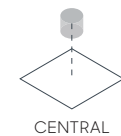




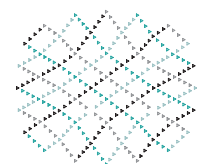
Top View



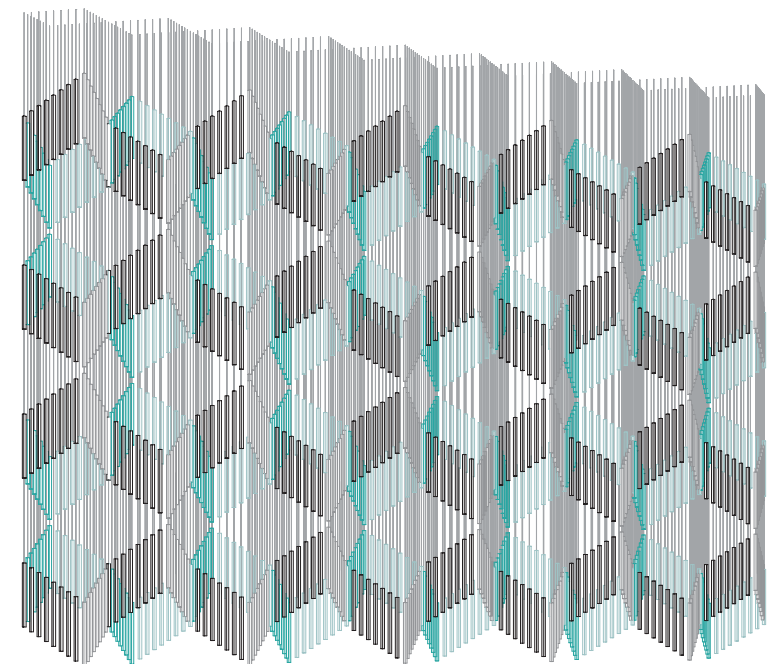
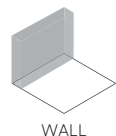
**DCA 09**  
 Dimensions: 8020 × 8020 × 1200 mm  
 Number of components: 3124 pcs  
 Component length: 490 mm



Top View



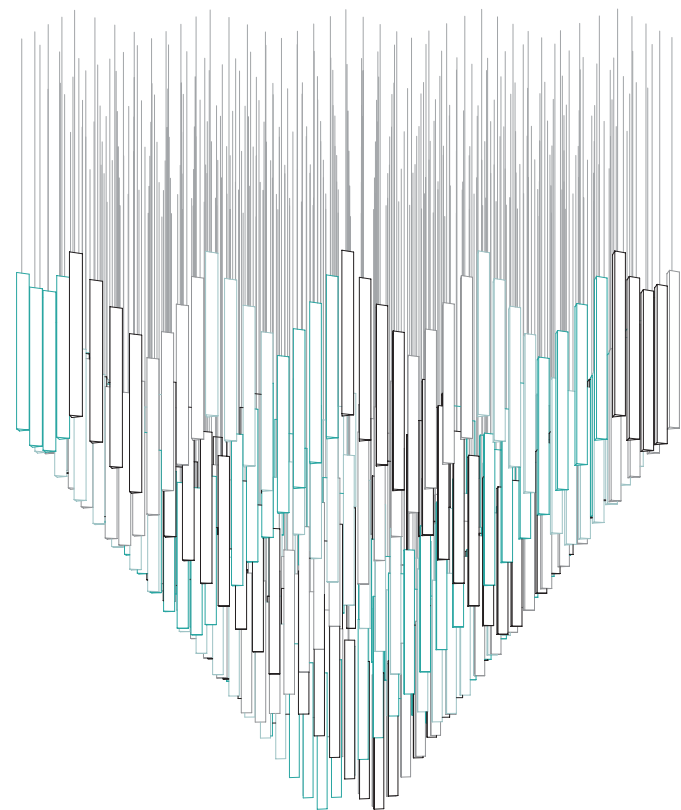
**DCC 01**  
 Dimensions: 2000 × 1700 × 830 mm  
 Number of components: 308 pcs  
 Component length: 350 mm



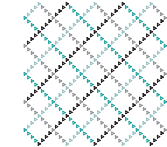
Top View



**DCW 01**  
 Dimensions: 7030 × 730 × 4500 mm  
 Number of components: 1280 pcs  
 Component length: 490 mm

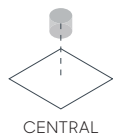


Top View

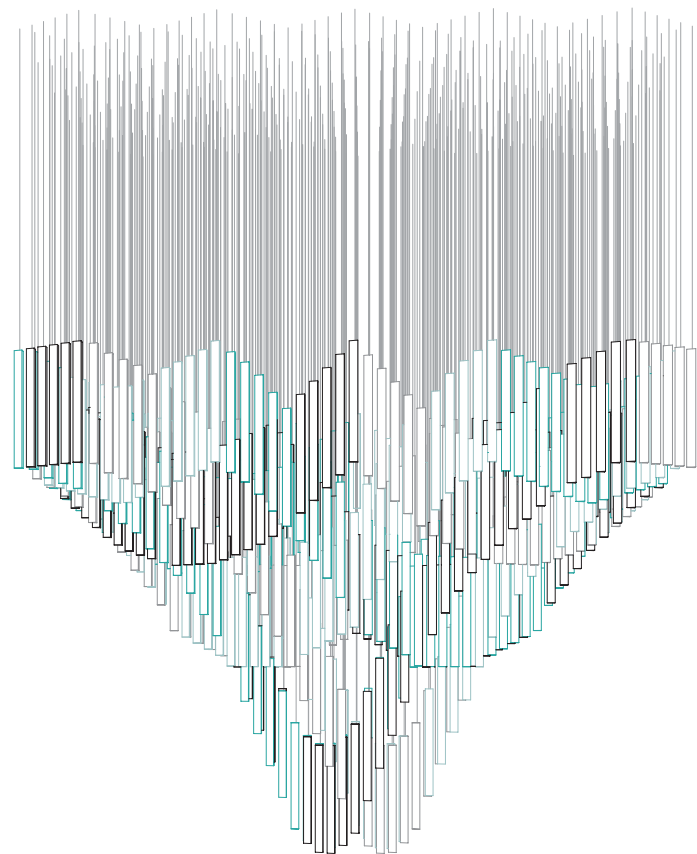


**DCC 04**  
 Dimensions: 1500 × 1500 × 1250 mm  
 Number of components: 360 pcs  
 Component length: 350 mm

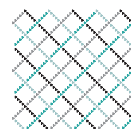




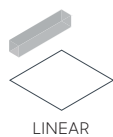
CENTRAL



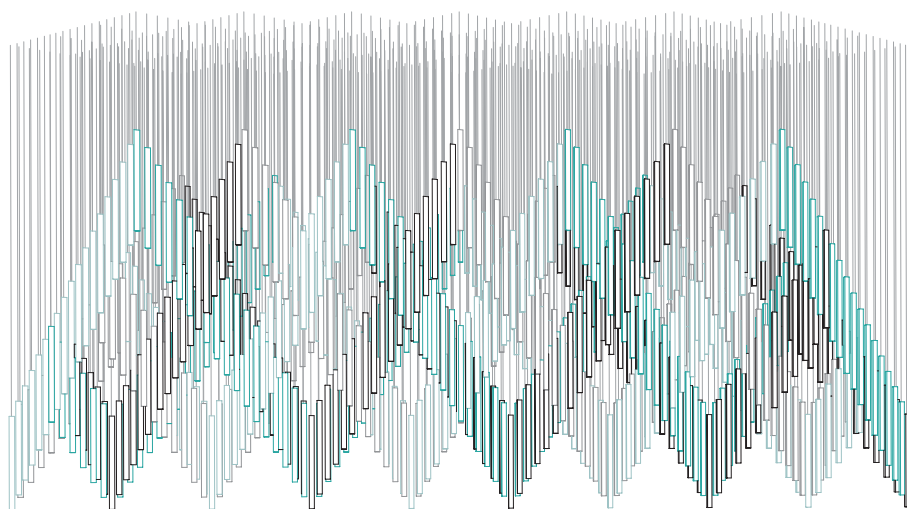
Top View



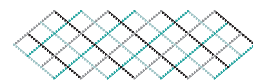
**DCC 05**  
Dimensions: 2030 x 2030 x 1550 mm  
Number of components: 460 pcs  
Component length: 350 mm



LINEAR



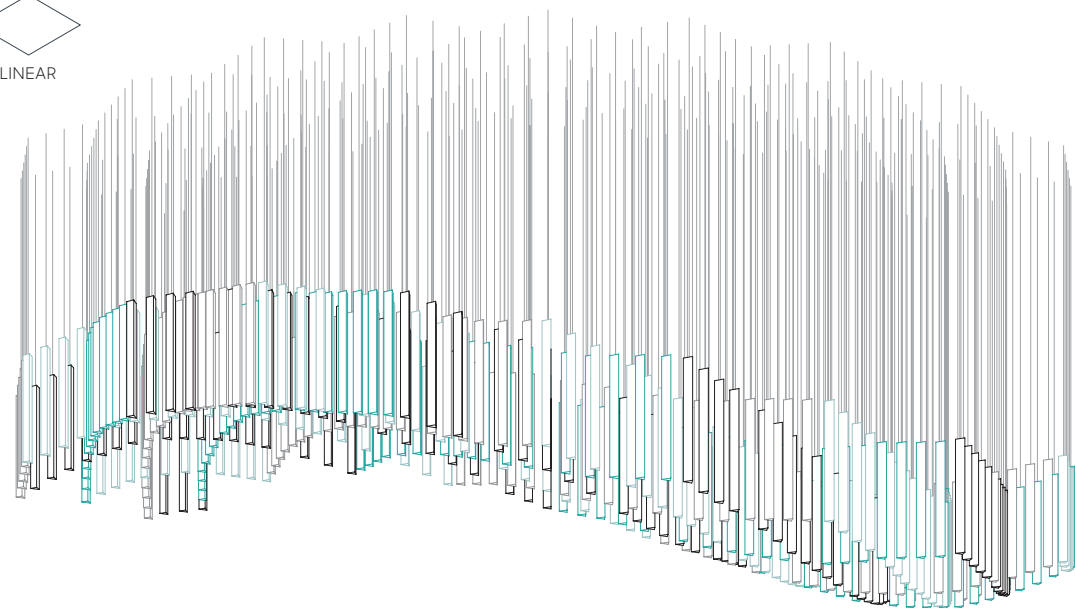
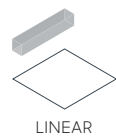
Top View



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



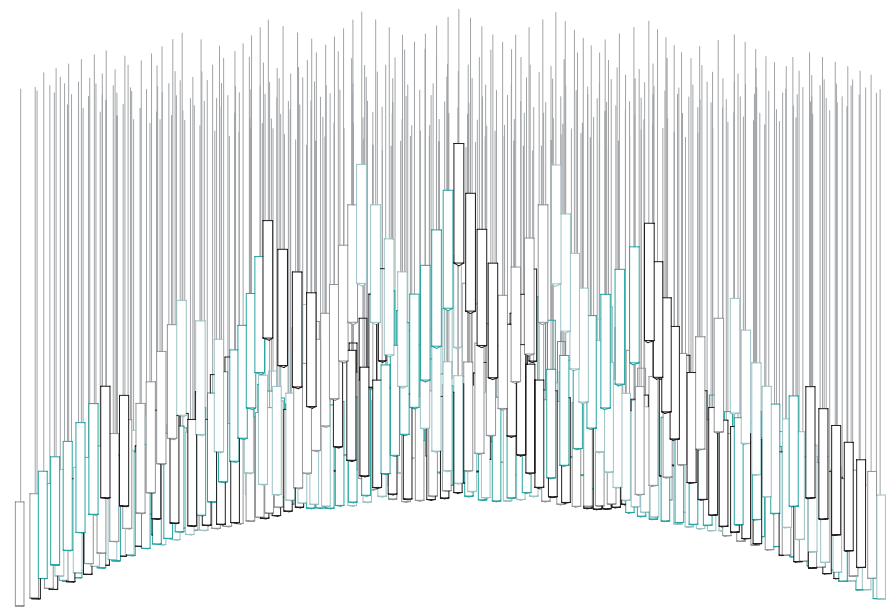
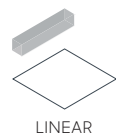




Top View



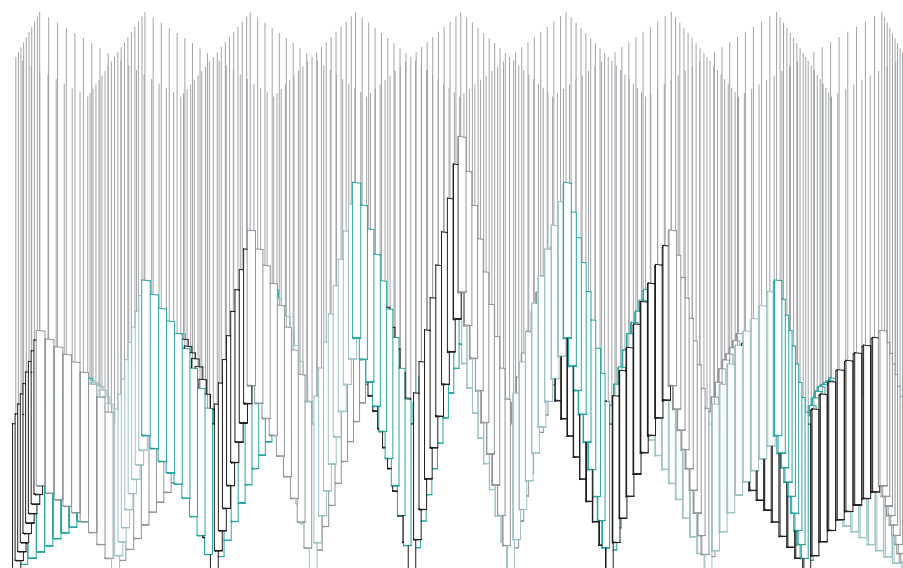
**DCL 09**  
 Dimensions: 1400 × 3670 × 920 mm  
 Number of components: 362 pcs  
 Component length: 350 mm



Top View



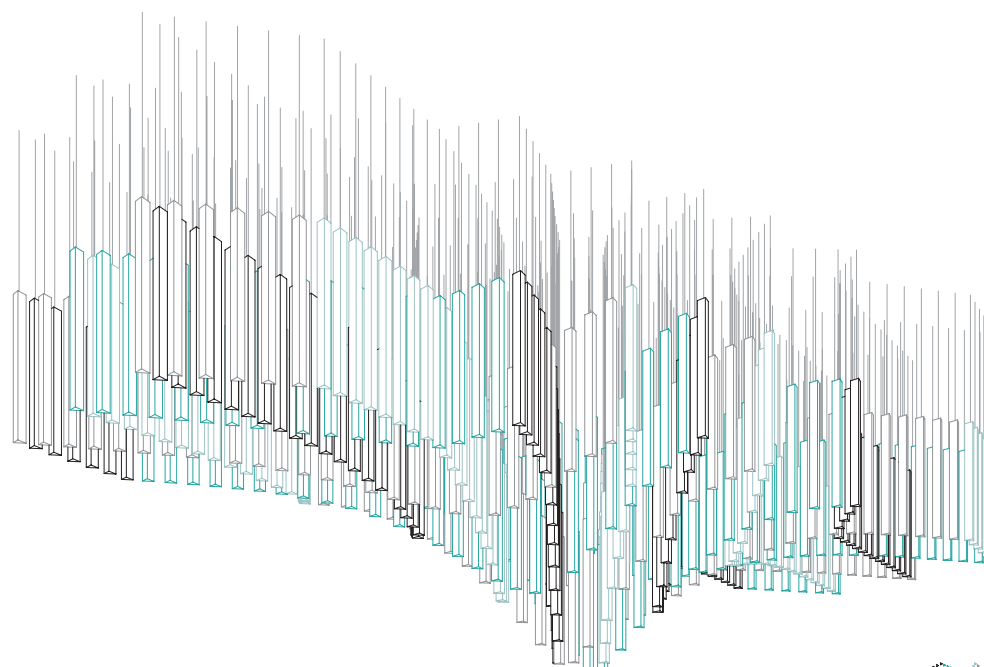
**DCL 07**  
 Dimensions: 3000 × 1000 × 1350 mm  
 Number of components: 354 pcs  
 Component length: 350 mm



Top View



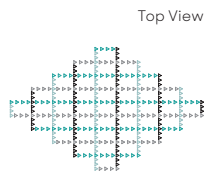
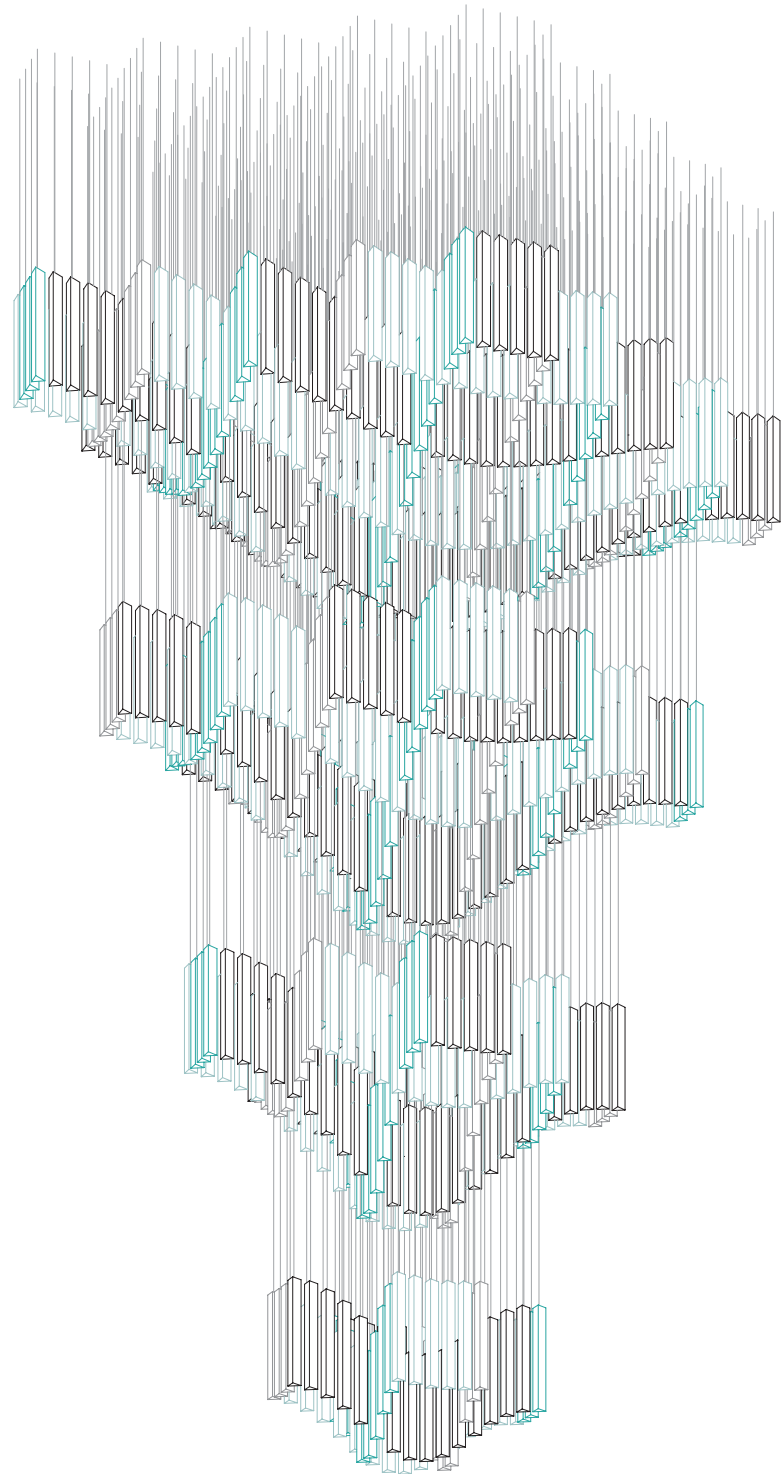
**DCL 03**  
 Dimensions: 3030 × 1030 × 1330 mm  
 Number of components: 316 pcs  
 Component length: 490 mm



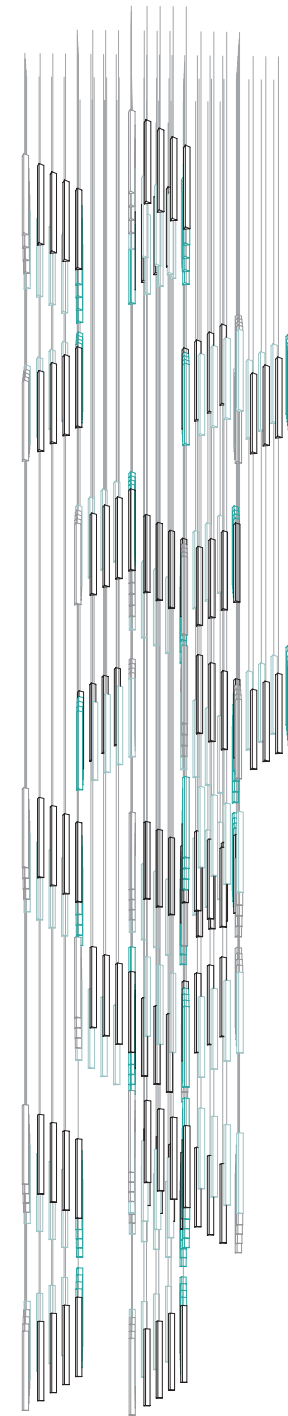
Top View



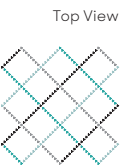
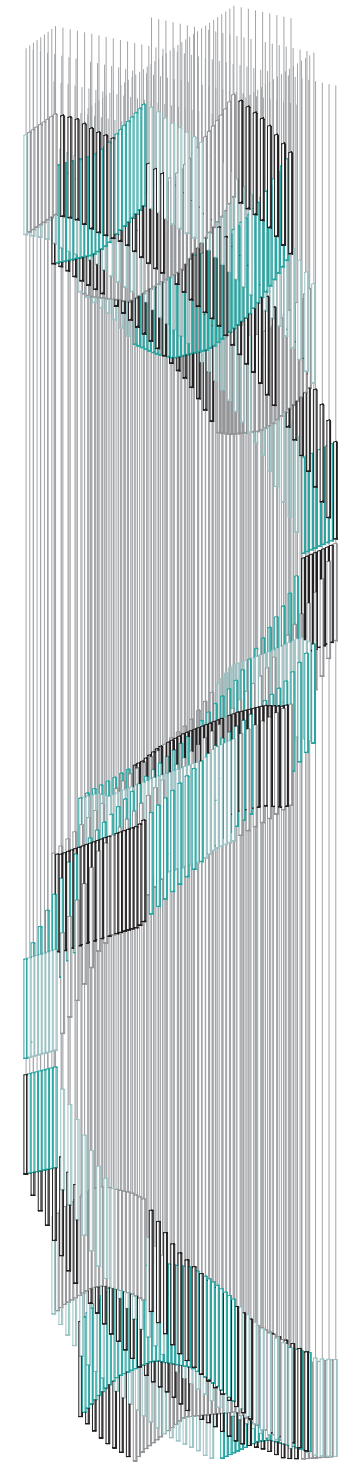
**DCL 08**  
 Dimensions: 2950 × 1000 × 880 mm  
 Number of components: 387 pcs  
 Component length: 350 mm



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



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

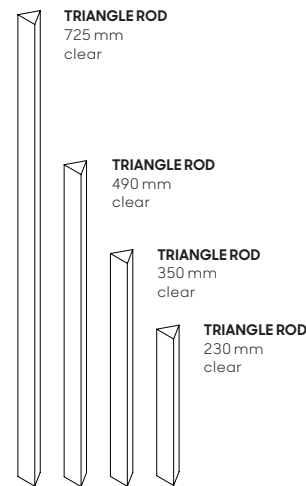


**DCV 04**  
Dimensions: 2030 x 2030 x 9630 mm  
Number of components: 828 pcs  
Component length: 725 mm

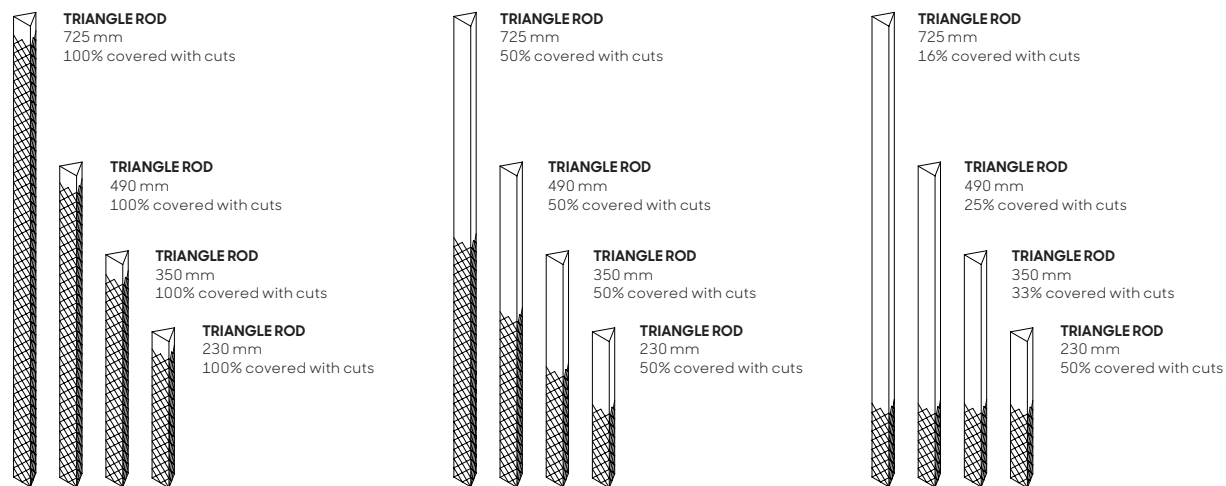
# Components & materials

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.

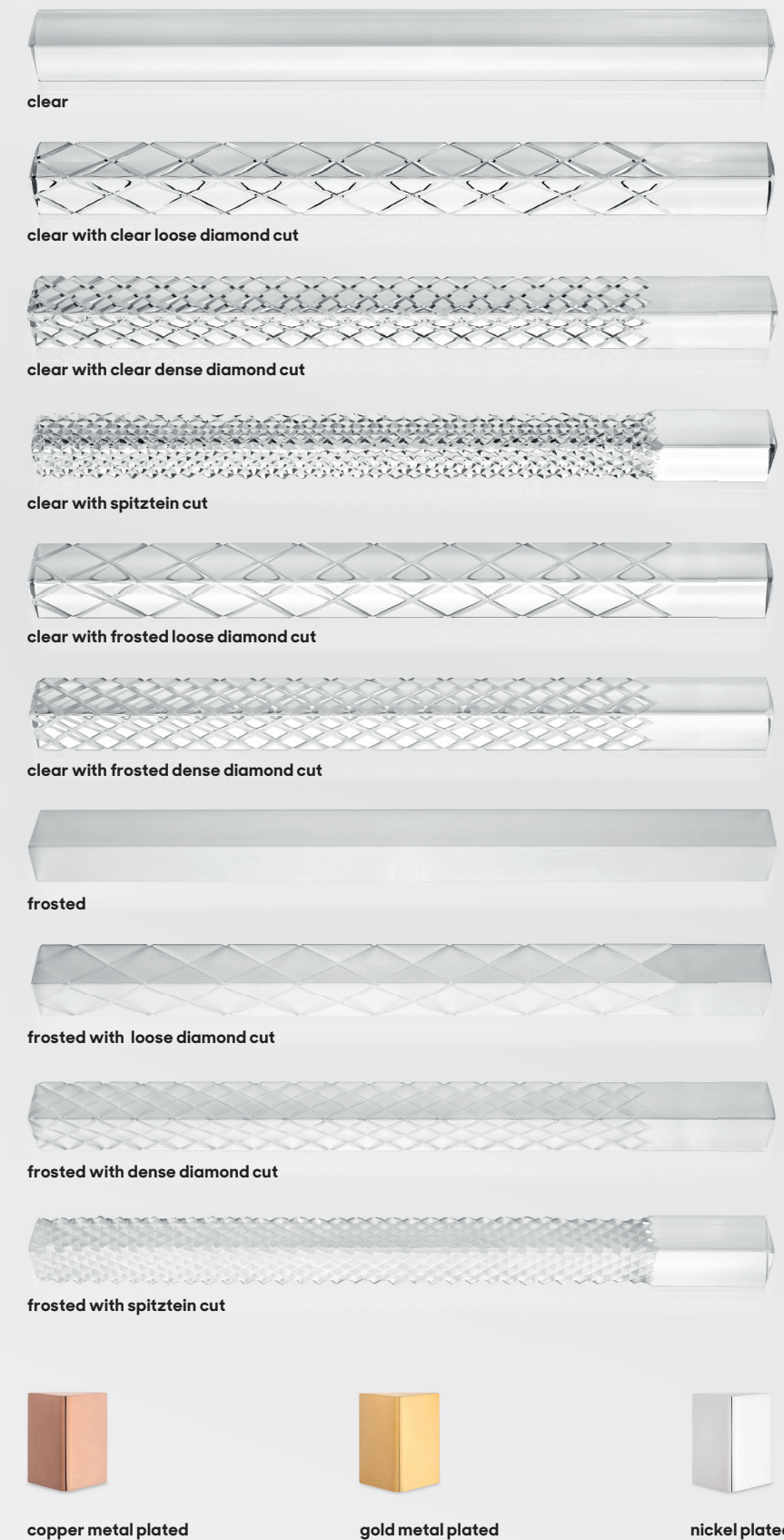
## COMPONENT SIZES



## CUTTING AREA



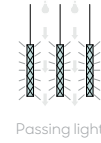
## SURFACE FINISHES - TRIANGULAR COMPONENTS





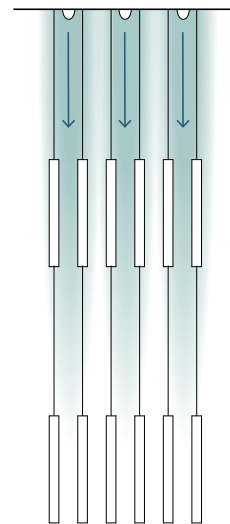
# Lighting effects & suspension

## PASSING LIGHT



Passing light 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.



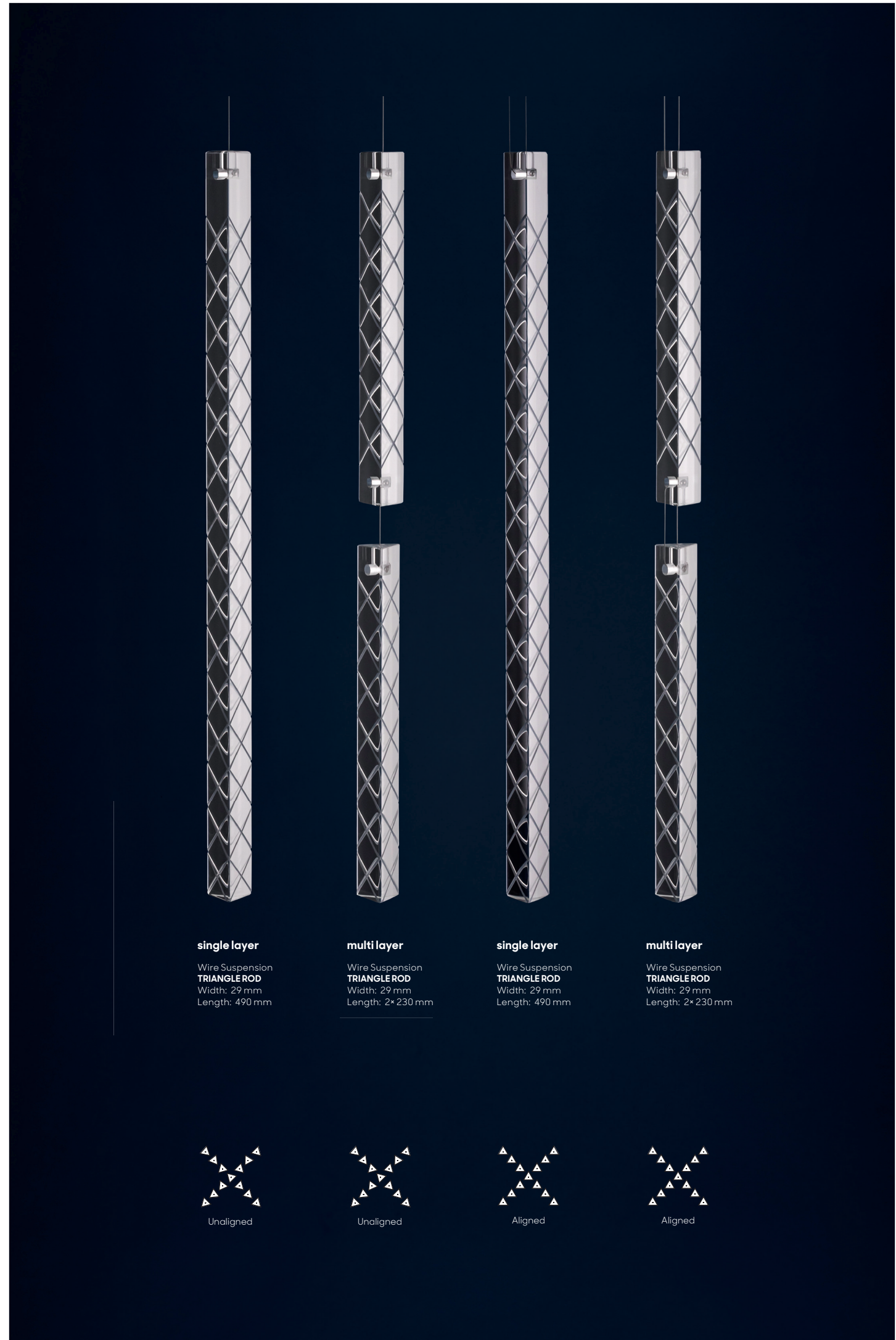
## COMPONENT ORIENTATION



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.



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.



single layer

Wire Suspension  
**TRIANGLE ROD**  
Width: 29 mm  
Length: 490 mm

multi layer

Wire Suspension  
**TRIANGLE ROD**  
Width: 29 mm  
Length: 2x230 mm

single layer

Wire Suspension  
**TRIANGLE ROD**  
Width: 29 mm  
Length: 490 mm

multi layer

Wire Suspension  
**TRIANGLE ROD**  
Width: 29 mm  
Length: 2x230 mm



Unaligned



Unaligned



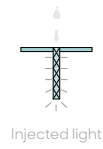
Aligned



Aligned

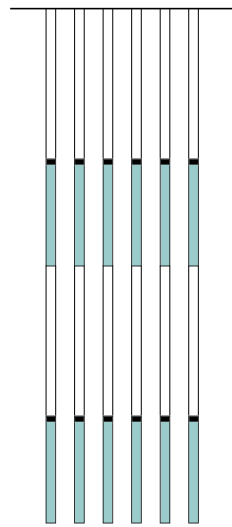


## STATIC INJECTED LIGHTING

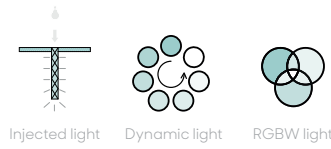


Injected light

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.

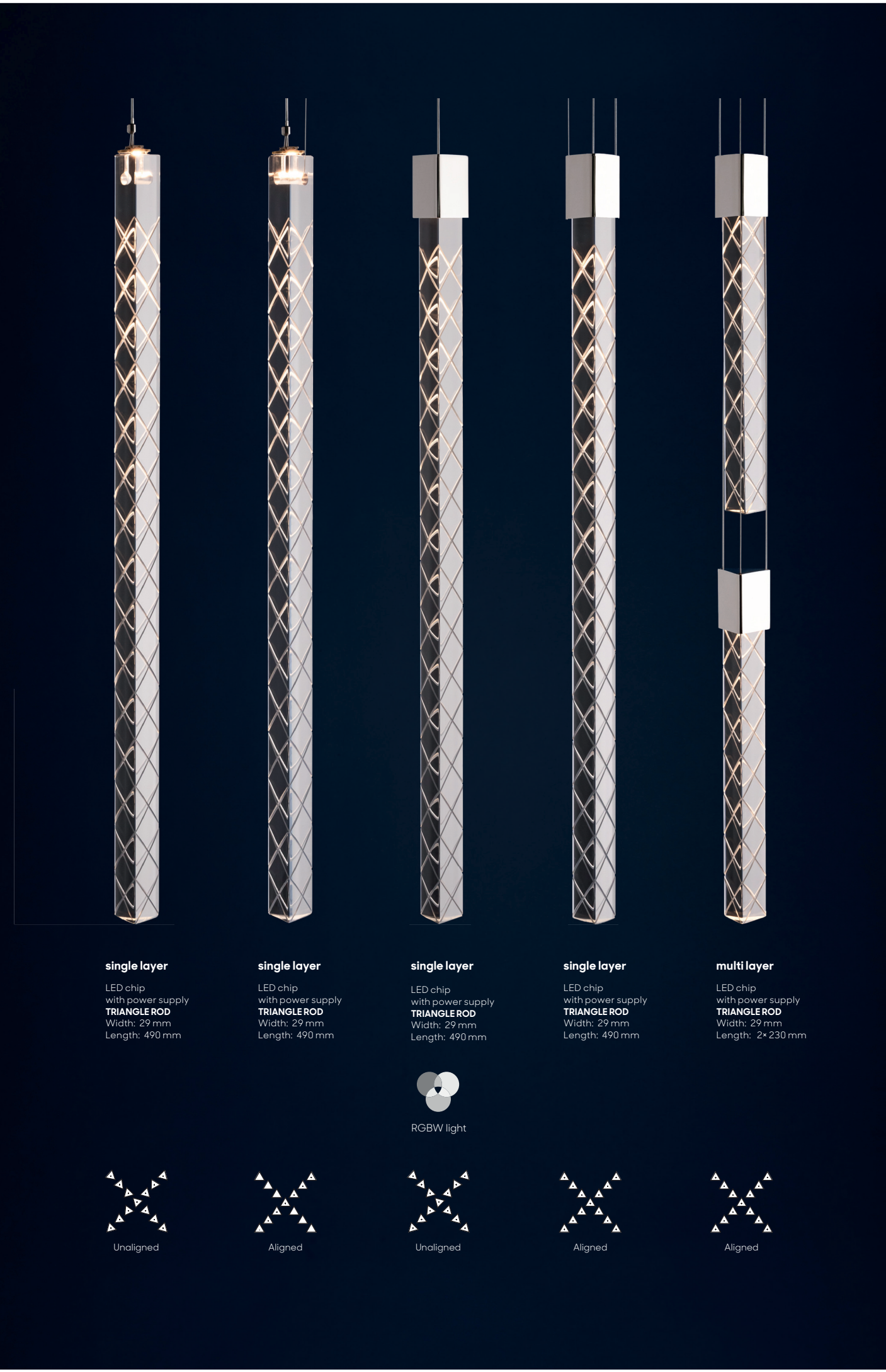
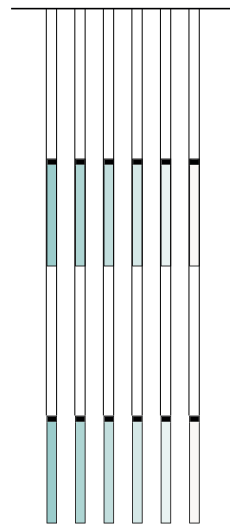


## DYNAMIC INJECTED LIGHTING



Injected light Dynamic light RGBW light

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



Unaligned

### single layer

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



Aligned

### single layer

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



Unaligned

### single layer

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



Aligned

### multi layer

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



Aligned

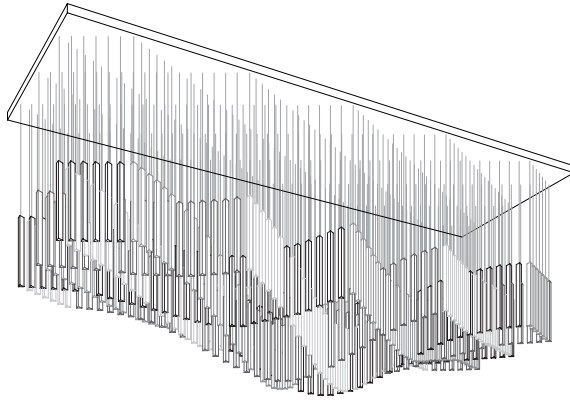


RGBW light



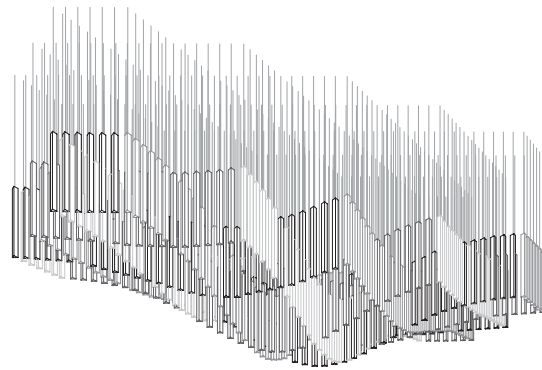
# Fixing options

## FIXING FRAME



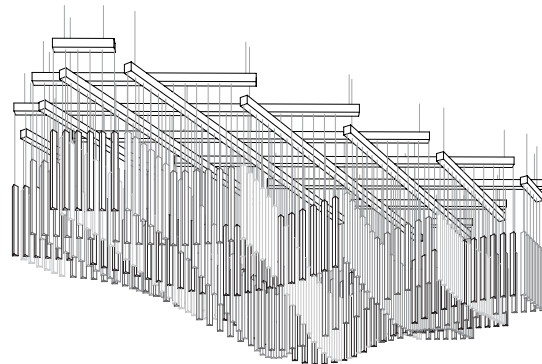
Diamond Cloud is visually more significant in the space when a fixing frame is used. The colour of the ceiling frame can be altered to match the ceiling, or the ceiling frame can be a polished stainless steel mirror which gives the fixture an illusion of depth, higher density and visually larger. A fixing 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 Preciosa 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 10  
Dimensions: 7400 x 1570 x 1450 mm  
Number of components: 976 pcs  
Component length: 490 mm





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









# Preciosa *Lighting*

Preciosa Lighting elevates the heritage of Bohemian crystal through contemporary lighting designs. The company is built on centuries of tradition and the unique art of master glass makers from Crystal Valley, Bohemia. Crystal Valley's natural wealth and local craftsmanship and talent mean the region's glassmaking traditions have remained unspoiled for centuries. We honour this heritage and craftsmanship by creating innovative lighting products that stand the test of time. Preciosa Lighting is part of the Preciosa Group, one of the world's leading companies in the field of high-precision cut crystal components.





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