

**BOCCI**

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## STANDARD

14s  
 14sp  
 14.1mi  
 14.1mo  
 14.1m  
 14.1  
 14.1deep  
 14.3  
 14.5  
 14.7  
 14.14  
 14.26  
 14.36

± 102



14

Designed by Omer Arbel, 2005.

Traditionally, chandeliers have been understood as central, sculptural installations, which become the visual focus of a room. The 14 series, designed in 2005, is the original chandelier to challenge this concept. Instead of a central sculptural object, 14 is an ambient chandelier, achieving its power through a strategy of composition and clustering. 14 fills the volume of a room, making the height and shape of its dimensions understood to the inhabitants in a direct sensual manner.

14 is an articulated, seamed cast glass sphere with a frosted cylindrical void that houses either a low voltage (12V, 10Watt xenon) or proprietary, dimmable, and replaceable LED. The 14 series is also available in grey cast glass.

Individual pendants are visually quite subtle, but gain tremendous strength when multiplied and clustered in large groups. Light interacts with the bubbles and imperfections of the cast glass to produce a glow reminiscent of small candles floating within spheres of water. Cast glass is an organic process, imperfect by nature, and each 14 is handmade; thus, every piece produced is unique.

Our standard collection offers flexibility in both design and measure, starting from a single pendant and continuing through to 36 pendant chandeliers in a range of canopy shapes and sizes as well as custom configurations (see pages 82-85). The clustering effect can be manipulated through various combinations to create larger scale groupings with profound phenomenological impact.

## Materials

Cast glass, blown borosilicate glass, braided metal coaxial cable, silicone gaskets, electrical components and a brushed nickel or white powder coated canopy.

Worldwide patents issued and pending.

US patent # D556,361  
 EU patent # 000518394



Approved to UL standards by CSA











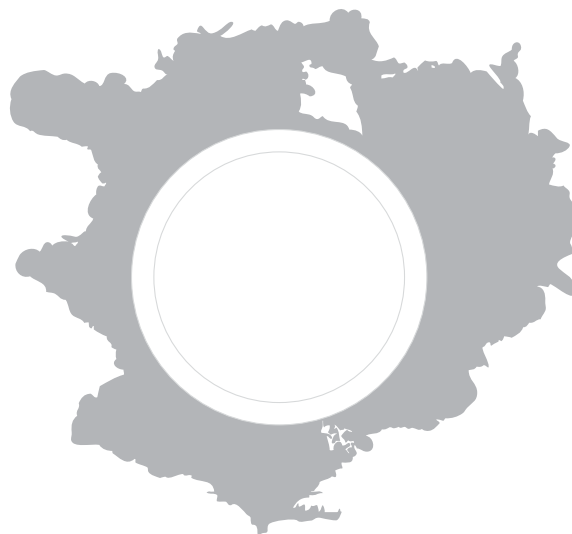




## STANDARD

19.280  
19.540  
19.800

± 280 - 800



## 19

Designed by Omer Arbel, 2011.

19 is an exploration of sand casting, which is a low fidelity technique used for making metallic objects. The technique involves pressing a shape into sand to create a void, and then roughly pouring molten metal into the void. Some overspill is a by-product of this process, which is, in conventional circumstances, cleaned up after production and re-finished.

In this project we explored the expressive possibilities of the overspill. We developed a technique that encourages a generous and unpredictable overspill during production, which occurs along the entire open perimeter of the cast piece, making a unique 'halo' for every piece fabricated. We chose to use a high copper content brass such that the overspill oxidizes instantly, producing an extremely textured surface that stands in contrast to the interior of the piece, which retains a smooth finish because it does not come in contact with air, and which we hand-polish to a near mirror finish.

19.280's are unlimited production, numbered and signed. 19.540's are a limited run of 95 pieces, numbered and signed. 19.800's are a limited run of 19 pieces, numbered and signed.

Made of recycled brass in East Vancouver at the oldest foundry on the West Coast of Canada.

Materials  
Recycled red brass

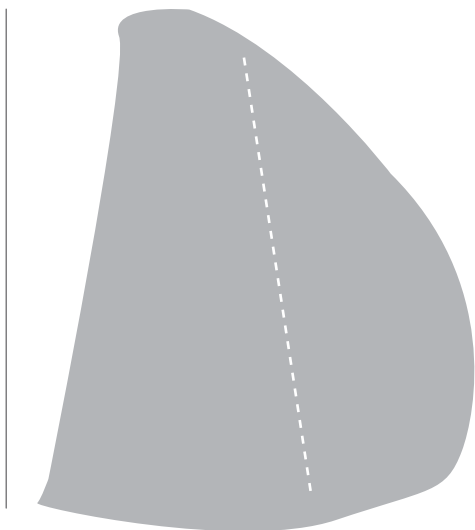
Worldwide utility and design patents pending  
EU patent # 001829912







± 160



## STANDARD

21.1mi  
 21.1mo  
 21.1m  
 21.1  
 21.1deep  
 21.3  
 21.5  
 21.7  
 21.21  
 21.26  
 21.36  
 21.50



## 21

Designed by Omer Arbel, 2007.

A random amount of raw porcelain is flattened and rolled into a pancake shape, which is then wrapped around a frosted borosilicate glass inverted trumpet diffuser. The thin porcelain skin is allowed to flop over the borosilicate core to create whatever form is most natural to it, thus making a unique shape, of varying size, in each iteration of the fabrication process.

21's are meant to be mounted in groupings, such that the pieces touch each other to form clumps. The relatively simple shapes of the individual pendants, when placed in a group, make a complex sculptural form.

Each diffuser houses either a low voltage (12V, 20W xenon) lamp or proprietary, dimmable, and replaceable LED. A strong contrast is established between the organically distributed soft light passing through the translucent charcoal grey or white porcelain skin and the sharp, crisp light passing through the borosilicate glass diffuser.

## Materials

Raw porcelain glazed on one side, blown borosilicate glass, silicone gaskets, braided metal coaxial cable, electrical components and a brushed nickel or white powder coated canopy.

Worldwide utility and design patents pending



Approved to UL standards by CSA









21.50



21.1m x 21

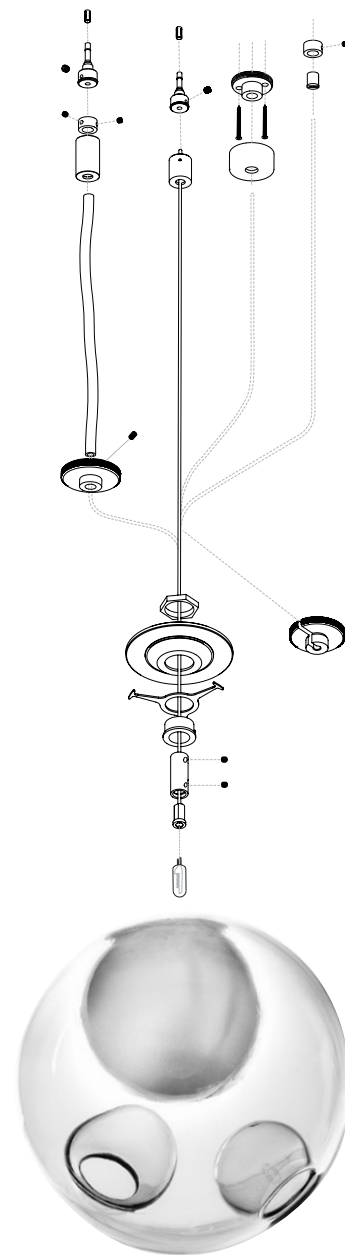
## STANDARD Random

28s  
28sp  
28sc  
28d  
28.1m  
28.1mo  
28.1m  
28.1  
28.1deep  
28.3  
28.5  
28.7  
28.11  
28.16  
28.28

## STANDARD Cluster

28.3  
28.7  
28.19  
28.37  
28.61

± 150 - 180



# 28

Designed by Omer Arbel, 2009.

Bocci's 28 series is an exploration of fabrication process. Instead of designing form itself, here the intent was to design a system that produces form. We developed a method with loose parameters that produces a different shape in every iteration of the fabrication procedure, thus every 28 created is unique from any other in existence.

The 28 pendants result from a complex glass blowing technique performed in Bocci's glass atelier in Vancouver, whereby air is intermittently introduced and then removed from a glass matrix, which is heated and then rapidly cooled. The result is a distorted spherical shape with a composed collection of inner satellites (bubbles), one of which is made of opaque white milk glass and houses either a low voltage and replaceable xenon (12V 20W) or proprietary, dimmable, and replaceable LED.

28 pendants are designed either to cluster in hexagonal shapes, where the pendants nestle into one another, or to be composed with random drop lengths in an ambient manner similar to their distant cousins, the 14 series. Standard 28 pendants are blown with a clear glass exterior sphere and an opaque white interior cavity along with one to three clear satellites. The 28 series is also available in smoked grey glass and an infinite variety of colour options.

Coloured 28 pendants are hand blown specifically for each chandelier. The colours reflect an endless variety of mood and palette and are created in one of two formats; either with the entire outer sphere blown from coloured glass, or maintaining the clarity of the exterior sphere and introducing colour through the satellites only.

The innovative canopy design of the 28 series allows for a modular approach - chandelier scope is scaleable to nearly any application. In the arena of bespoke work, there exists endless customization options during manufacturing: Canopy shape, size and colour; chandelier composition; pendant colour and custom pendant sizing; and custom drop lengths of up to 30500 mm.

### Materials

Blown glass, braided metal coaxial cable, electrical components and a powder coated or brushed nickel canopy.

Worldwide utility and design patents pending  
US patent # D628,740S  
EU patent # 001695834



Approved to UL standards by CSA

# COLOURS

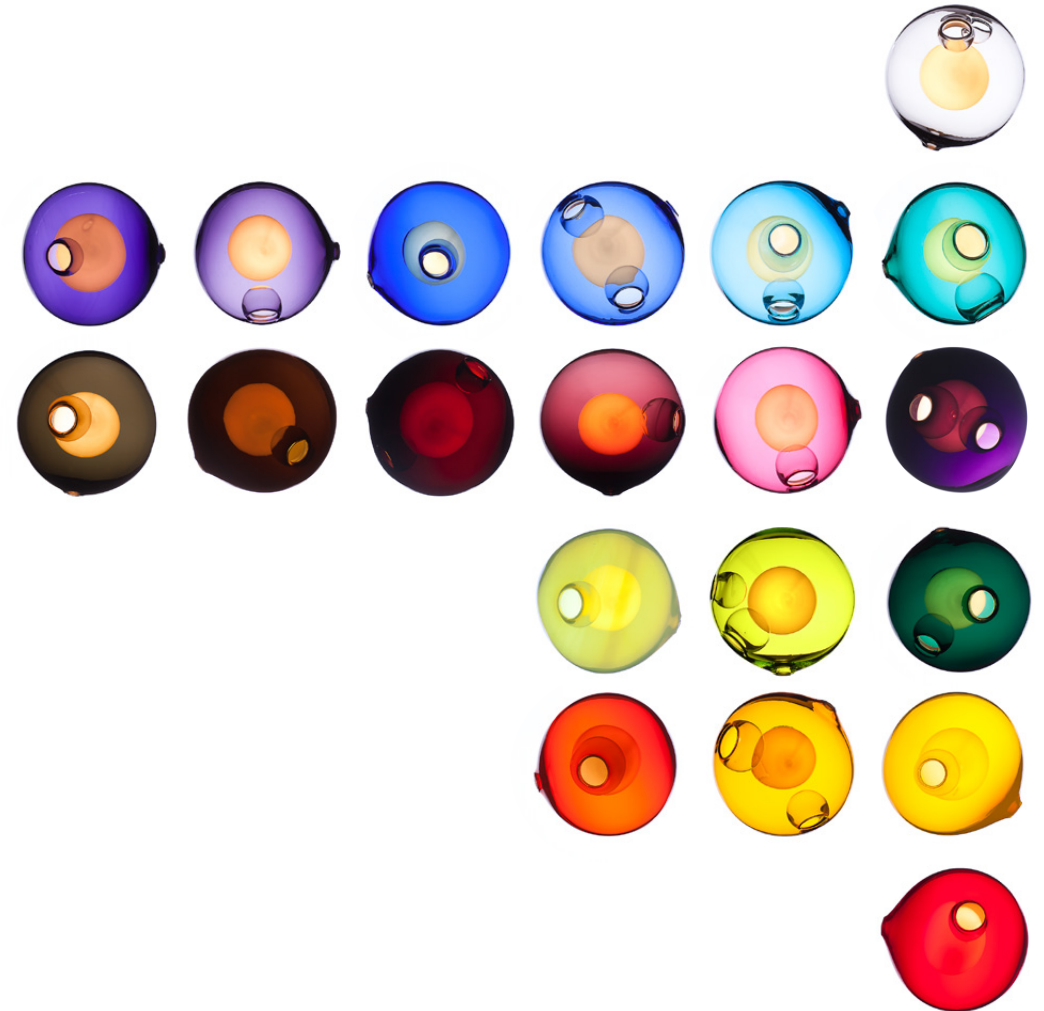
## OPAQUE

- Milk
- Ivory
- Linen
- Seaglass
- Celadon
- Robin's Egg
- Denim
- Lapis
- Mauve
- Sandstone
- Olive
- Forest
- Grass
- Buttercup
- Apricot
- Ruby
- Bubblegum



## TRANSLUCENT

- grey
- emerald
- copper
- steel
- cobalt
- amethyst
- purple
- plum
- pink
- aubergine
- oxblood
- nutmeg
- charcoal
- moss
- lime
- neon
- yellow
- amber
- orange
- cherry



Due to the hand crafted nature of the 28 series, the pendant size as well as color depth and tonality will vary.  
 All photography taken with lit 20w Xenon bulbs, colour of pendant when off or with LED may vary.

## SATELLITES

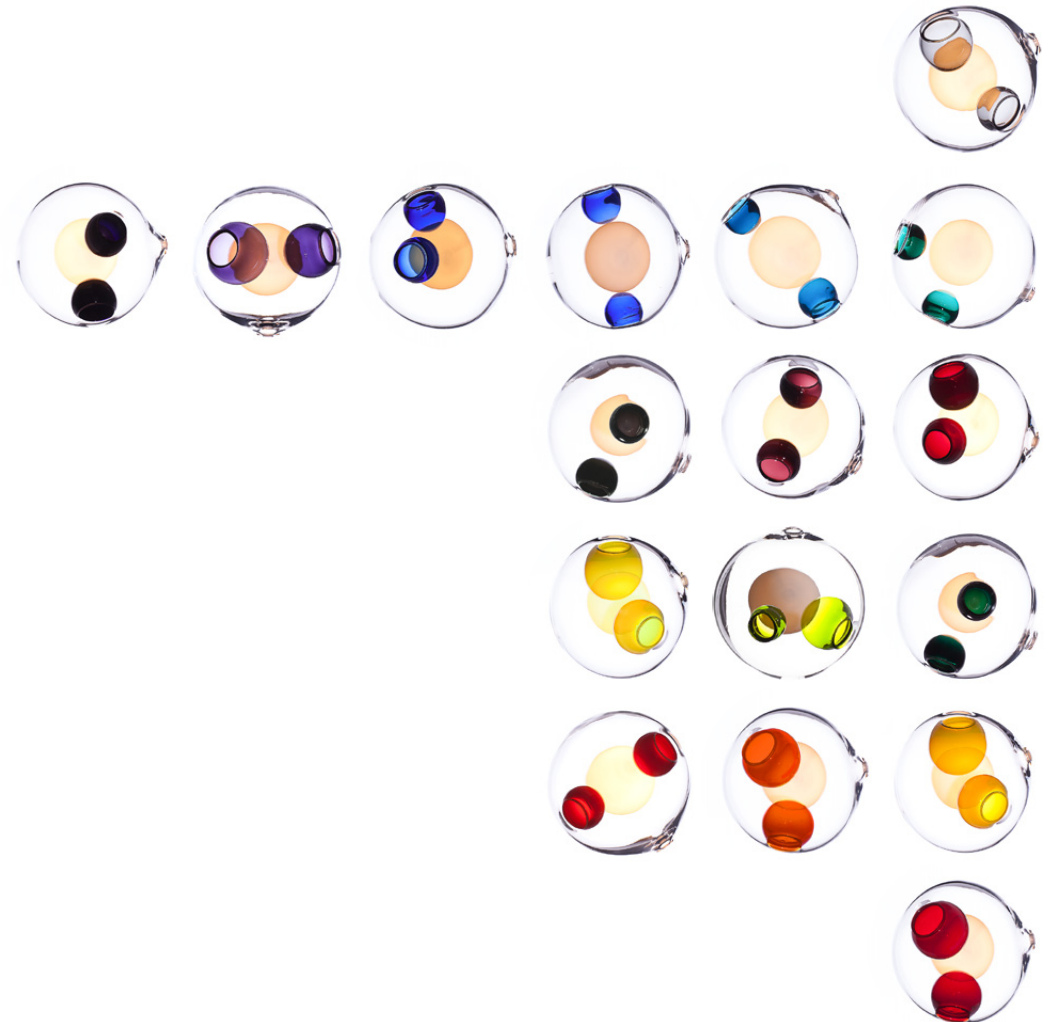


## OPAQUE SATELLITE

Milk  
Ivory  
Celadon  
Linen  
Seaglass  
Robin's Egg  
Denim  
Lapis  
Mauve  
Sandstone  
Olive  
Forest  
Grass  
Buttercup  
Apricot  
Ruby  
Bubblegum

## TRANSLUCENT SATELLITE

grey  
emerald  
copper  
steel  
cobalt  
amethyst  
purple  
pink  
aubergine  
charcoal  
moss  
lime  
neon  
yellow  
amber  
orange  
cherry



Due to the hand crafted nature of the 28 series, the pendant size as well as color depth and tonality will vary.  
All photography taken with lit 20w Xenon bulbs, colour of pendant when off or with LED may vary.











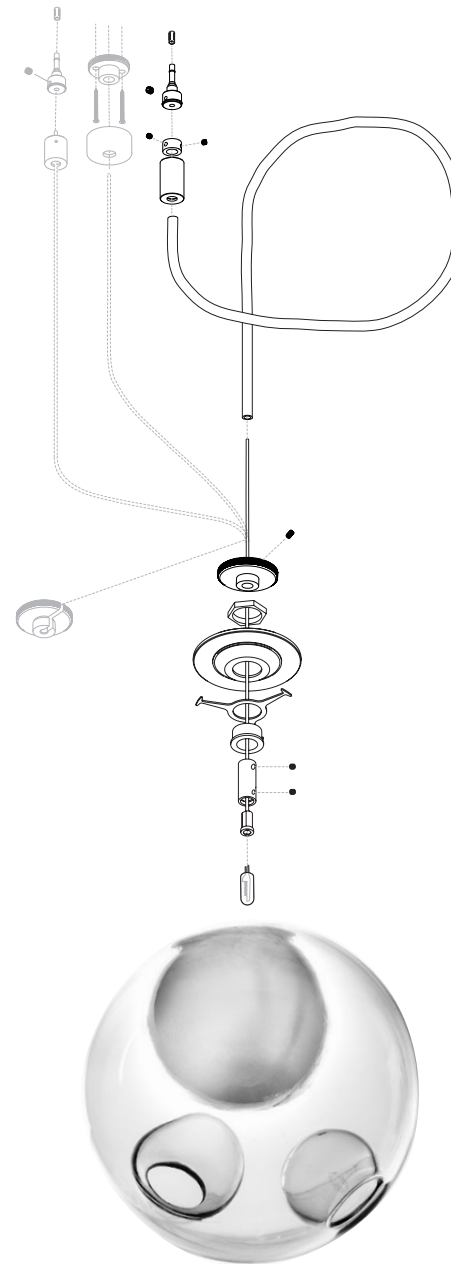








28sc



## 28 copper

Bocci introduces a flexible copper suspension option for all 28 series chandeliers - designed to create a compositional aesthetic achieved through shaping the copper tube during installation. Seemingly gravity defying, the pendants can be angled any which way - with potential for the glass to sculpturally tangle with the copper - yielding an awkward expression we find interesting. Copper suspension adds complexity and scale to individual hanging or surface-mounted 28's.

The copper will intentionally weather and tarnish, registering duration and use in its patina.

### Materials:

Blown glass, copper tubing, electrical components and a white powder coated, brushed nickel, or copper mini canopy.

Worldwide utility and design patents pending  
US patent # D628,740S  
EU patent # 001695834



Approved to UL standards by CSA



## STANDARD

38.3m  
38.3  
38.11  
38.16  
38.26

± 200 - 250



## 38

Designed by Omer Arbel, 2012.

38 is a surrealistically motivated re-exploration of a technique originally developed for a previous project called 28, whereby air is pushed in and out of glass that is intermittently heated and cooled. In the case of this project, the technique is stretched to the limits of possibility. Large glass spheres are blown, and then a multitude of white cavities are introduced into them haphazardly, intentionally intersecting and colliding with each other. Several of these are deep enough to contain earth with succulent & cacti plantings. Others are used as a housing for lighting elements. There are two or three lighting elements per large sphere, and one or two planters. Electricity and suspension are achieved using stiff copper tubing, which is allowed to tangle and crinkle, seemingly without regard for gravity. Occasionally, these copper tubes loop around white satellite planters that appear to have escaped from the confines of the lit clear glass spheres.

Materials:  
Blown glass, copper tubing, electrical components and a powder coated or copper mini canopy.

Worldwide utility and design patents pending  
EU patent: # 002071019





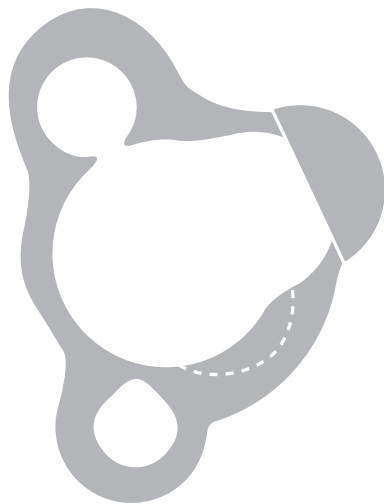




## STANDARD

57s  
 571mi  
 571mo  
 571m  
 571  
 571deep  
 573  
 575  
 577  
 5737

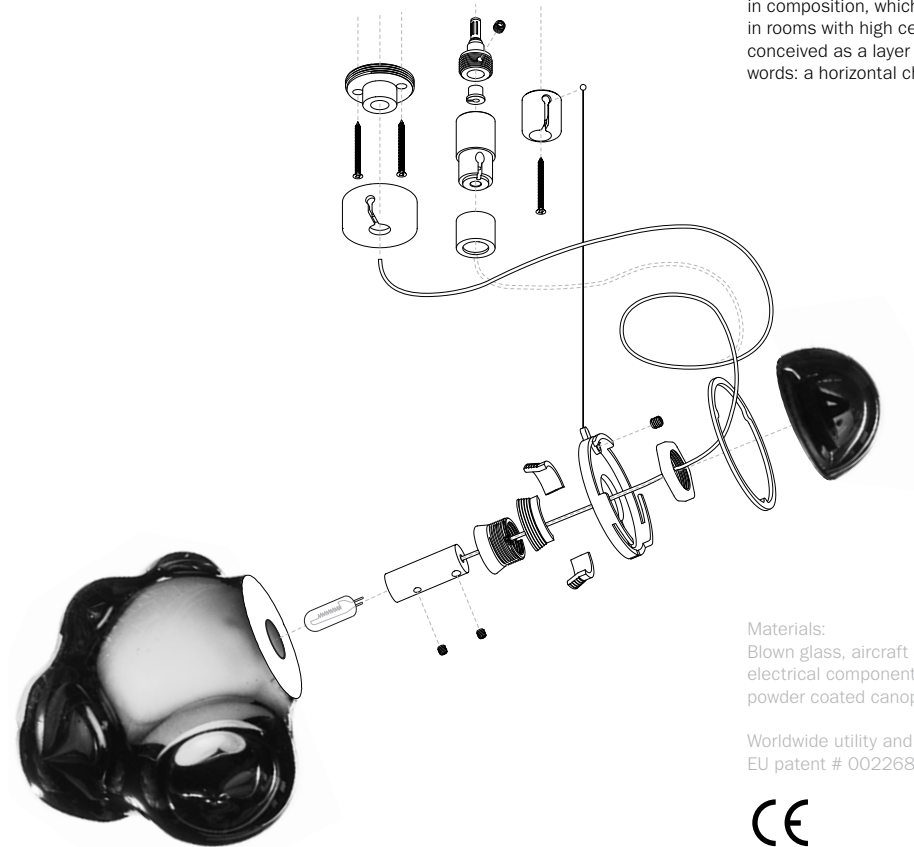
± 100 - 165



## 57

Designed by Omer Arbel, 2013.

57 is an exploration of a technique of making analogous to that used for producing closed cell foam. The process involves trapping voids of air of different sizes and configurations within a glass matrix, yielding a shape loosely referencing a rain cloud. These pockets of air remain invisible when the piece is off, but come alive to reveal an interior universe when the piece is illuminated.



A flexible suspension system allows for easy composition: pendants may be clustered such that they touch each other, referencing a cloudy sky (an especially poignant reference in the City of Vancouver, where the idea was born); they may also be composed as a field, such that each piece can be perceived individually, perhaps referencing a child's drawing of a cloud (equally poignant but in a more universal manner).

Most chandeliers are fundamentally vertical in composition, which is why they work best in rooms with high ceilings; in contrast, 57 is conceived as a layer or strata of light, or in other words: a horizontal chandelier.

Materials:  
 Blown glass, aircraft cable, semi-rigid coax, electrical components and a brass or white powder coated canopy.

Worldwide utility and design patents pending  
 EU patent # 002268581



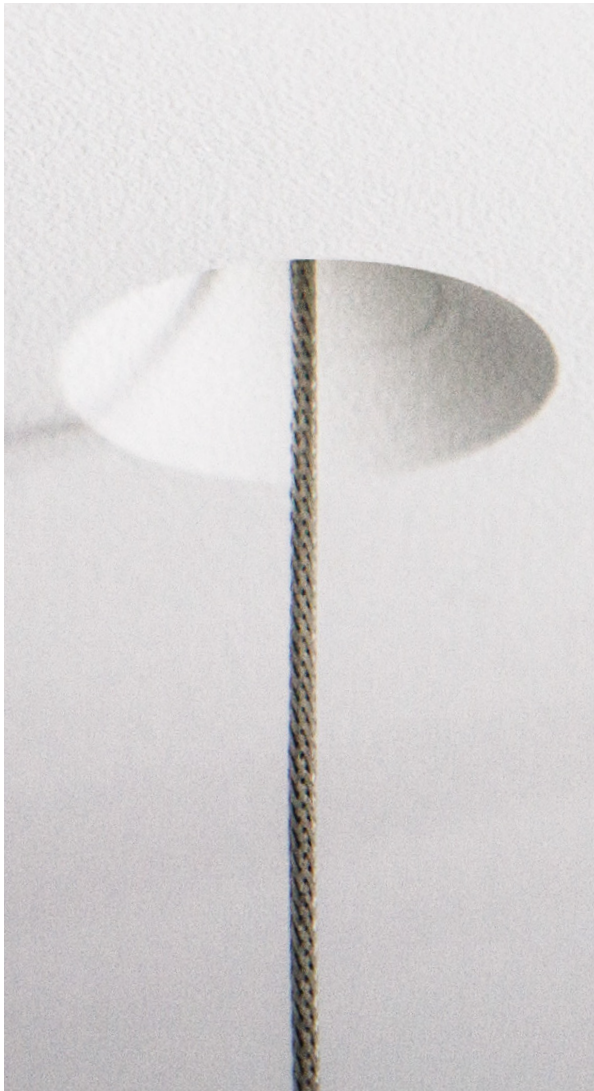




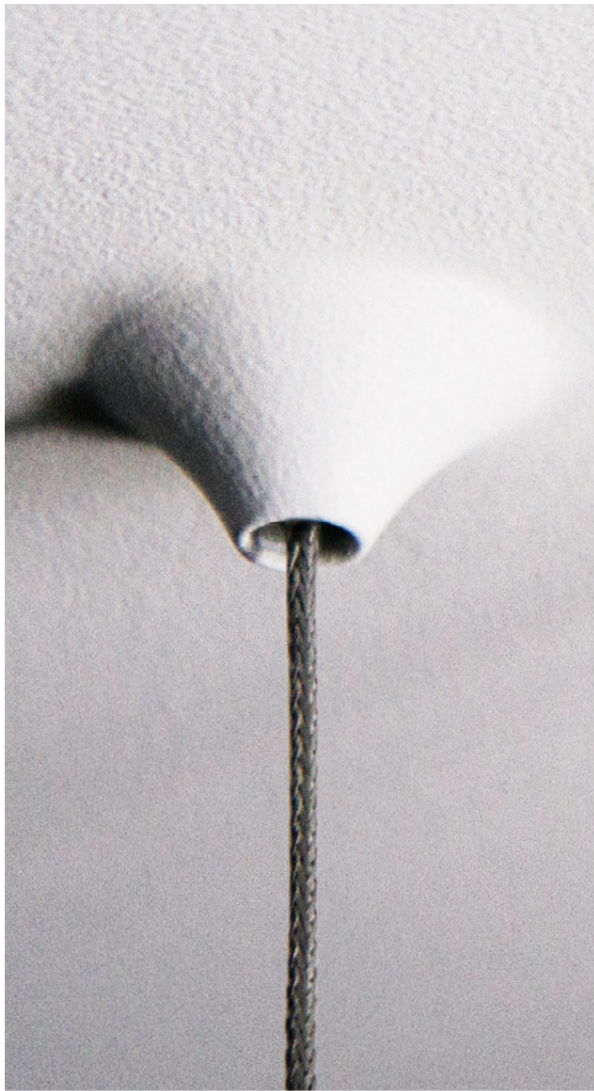
57 pendant



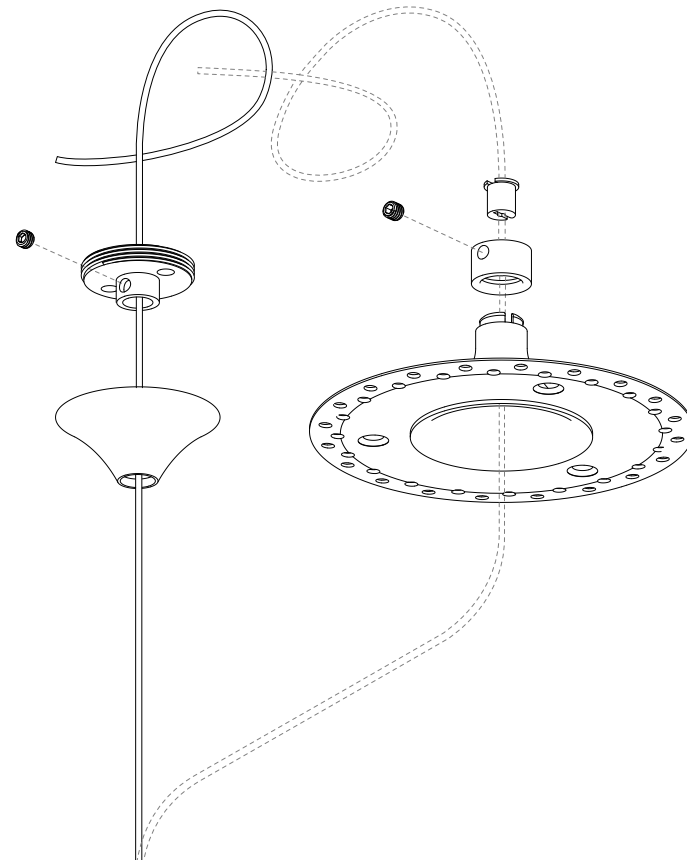
57.1m



Mini innie canopy



Mini outtie canopy



## Innie/ Outtie mini canopy

Bocci introduces two new mini canopies for all coaxial cable suspended pendants: colloquially named the mini innie and mini outtie.

Normally, fixtures are designed to function somewhat independently from their architectural substrates. The mini innie and mini outtie are instead designed to emerge out of or press into their substrate as if revealing the electrical infrastructure hidden within the walls. By doing so, they suggest a sort of 'non-fixture', an architectural appendage.

The mini innie is a strain relief mud-in canopy that presses into the ceiling plane to form an indent (or 'innie'), the coaxial cable and pendant emerging from within. The effect is an uninterrupted ceiling plane with no additional hardware mounted to it.

The mini outtie canopy is a strain relief paintable canopy that pulls out from the ceiling. Designed for non-mudded ceiling materials, the canopy minimizes the effect of mounting hardware on the ceiling plane.

Use the innie and outtie canopies together or separately.

Materials:  
polyurethane plastic, brass hardware

**BOCCI** Vancouver

- 1\_Design Studio
- 2\_Warehouse
- 3\_Office
- 4\_Courtyard
- 5\_Factory
- 6\_Glass Atelier
- 7\_Workshop
- 8\_Boiler Room



## Bocci

Bocci is a contemporary design and manufacturing house based in Vancouver, Canada, with a satellite company based in Berlin, Germany.

Unlike typical corporate structures, Bocci operates unconventionally as a co-operative community of designers, architects, craftspeople, technicians, agents, governance bodies, testing facilities, raw materials suppliers and fine shops. Our aim is to build a healthy, flexible and stable network united under the goal of creating conceptually motivated, practical and striking consumer goods of the highest quality.

The trend in contemporary manufacturing is to outsource production. In contrast, Bocci is committed to manufacturing at our Vancouver factory. We have fully equipped glass casting and blowing shops and a ceramics atelier all under our roof, or at arms length. Our designers, technicians and salespeople walk through the factory floor to get to their desks, and thus have an intimate and profound connection to our work. All these activities take place around a courtyard with a very large tree, carved into the 5th floor of a renovated art deco former printing press building located close to Vancouver's downtown, on the edge of the Pacific Ocean.

As a company, we have committed to participating in the speed of contemporary culture. We've structured ourselves to hold strong inventories, and have invested in a network of warehouses worldwide, such that the things we make are available with astonishingly short lead times - in many cases shipped within 24 hours of an order.

Bocci is focused on the values of flexibility, design rigor, sustainability, innovation, creativity and intelligence. We apply these ideals to the things we make, but also to the way we make them, and above all, to the way we operate as a company.



In effect, the pendants are designed to adapt to the requirements of spaces in rooms, hallways, atriums and stairways; not only physically, but phenomenologically as well. This approach requires a very adaptable and pragmatic system of power delivery, mounting and suspension. The result of this then is a modular series of pendants that can be configured using a number of different canopies and suspension means to accomplish almost limitless variations on a single series without expensive customization.

This variability enables a number of additional features, significantly a capacity for resilience as use and necessity change. Aligned with our goals for sustainability, a small number of well-designed products should be functional, beautiful and additionally adaptable throughout all the scenarios of a person's life. As such, in most cases for example, a chandelier designed for one use (ie. staircase) can be adapted to another (ie. chandelier over a dining table) by economically swapping parts (coaxial cable lengths in this example). Different pendants can be swapped from one installed canopy to another.

## Variation

Bocci's modular pendant strategy of composing and clustering individual units began with the 14. Conventional chandeliers are understood as centerpieces orienting the room around these sculptural installations. For Bocci, a chandelier can be seen more as a grouping of singular units to form a cohesive cloud emerging from a loosely defined field of light. Each singular pendant is seen as a spatial instigator, filling a room with clusters of pendants engaging the entirety of the space.

Bocci is constantly developing new means of interface with our pendants while utilizing our past and current innovations. We are looking for reciprocal relationships between series and developments for new pieces that in turn often become modifiers for old series. Bocci is committed to exploring these adjacencies by looking backwards as well as forwards.



## Design

Arbel finds form in the intrinsic qualities of materials and the processes we have at our disposal to manipulate them. Thus, projects tend towards the particular rather than the universal, and have a formal appropriateness to them derived from physical, chemical or mechanical process, rather than from abstract ideas in the author's imagination. Direct access to high craft ateliers has meant that design at all scales is investigated as an analog, sculptural exploration, using technology only as a secondary analytical tool.

Omer Arbel's practice has evolved to intimately combine the fields of industrial design, architecture, manufacturing and materials research. This interdisciplinary approach was born of the necessities of building a sustainable and ambitious office in a context with little opportunity within the cultural periphery, but has since transformed into a structure uniquely positioned to explore the rich area of investigation in the overlap of these fields.

The approach of the practice demands a high level of collaboration between craftspeople and designers, and as such has shied away from conventional manufacturer-designer or contractor-architect relationships. Instead, the practice does as much as possible in house: manufacturing as much as possible of its own designs, and building as much as possible of its constructed environments.

Accolades include several Red Dot and iF Awards, a Yellow Pencil Yearbook Entry, the Ron Thom Early Design Achievement Award, a World Architecture Festival Shortlist and, with Corrine Hunt, the commission to design the 2010 Olympic and Paralympic Medals.

Arbel leads OAO (Omer Arbel Office), a multidisciplinary design practice and he acts as Creative Director for the Design and Manufacturing company Bocci. Both companies have achieved near instant critical and commercial success, and position Arbel as a young voice within the international design community.

For further information on Omer Arbel, visit [www.omerarbel.com](http://www.omerarbel.com)





In pre-industrialized western societies the average individual owned less than 100 objects throughout his or her lifetime. A lifetime with only 100 discreet objects is a life in which each object is likely practical, beautiful, particular, inherited, and well made. These objects are undoubtedly precious to their owners; each possessing a tremendous emotional depository of memories. By contrast, today's consumer society is characterized by what could be described as an unhealthy relationship between us and the things that surround us. We do not commit to our objects – rather they cycle in and out of our lives in a very casual and thoughtless manner. The objects don't really make a commitment to us either – they are usually badly made, badly designed, and thoughtless.

We strive to make wonderful objects that suggest the possibility of a lifelong commitment to and by their owners.

## Sustainability

We strive to create objects that become companions in people's lives. We believe that an object contributes in the most meaningful way to the sustainability discussion if it is, quite simply, never thrown away. If we are able to make objects that suggest the possibility of a commitment to living an entire lifetime alongside them, then the selection of one object over another becomes important and meaningful - and therefore, investment in the quality, value, beauty and worth of the objects that surround us becomes paramount.

Of course, the objects we make also take into account conventional sustainability principles. The 14 series cast glass chandelier is made of recycled glass, for example, and our packaging is, of course, recycled and recyclable. However, we hope that our greater contribution is in the conceptual model discussed above. If we are able to redefine (or at least, suggest an alternative to) what we see as a fundamentally unhealthy relationship between people and objects, we hope to contribute to the growth of a responsible and committed materialism, which we see as a more evolved and humane alternative to current consumptive trends.



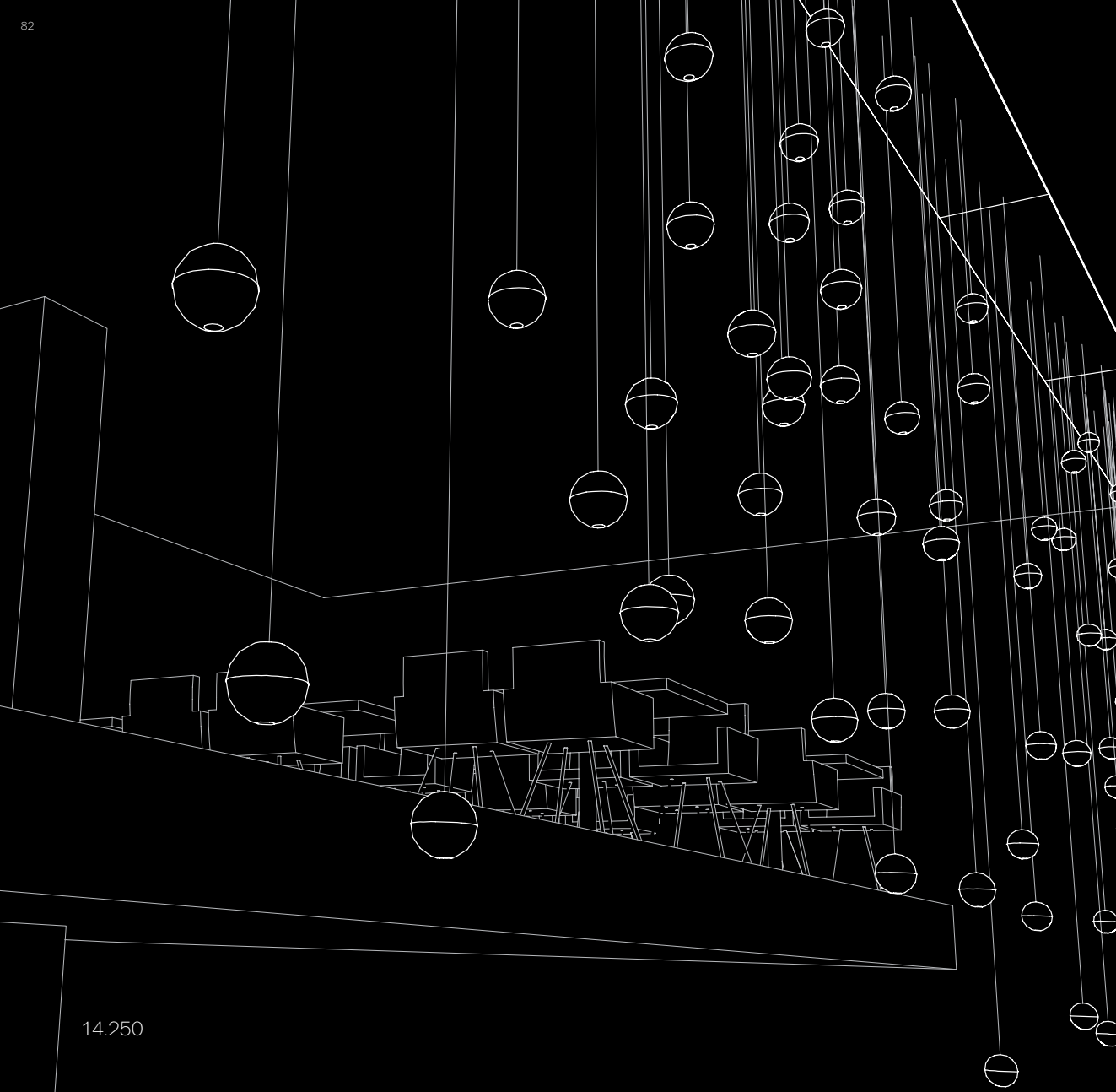
## Custom

Bocci offers consultation, design, and fabrication services for custom chandeliers of unlimited configuration – from petite to linear to oversized chandeliers. With pendant cascades reaching 100' (30.5 meters) in length; boundless canopy size, shape, depth, and finish; and variations on standard pendant colours. Our custom capacity is infinite.

The ceiling canopy is created to your specification. We offer a range of finishes, from our standard white powder coated mild steel to custom options of matte stainless steel and colour-matching RAL shades. For those clients who wish to explore their own paint finishes, we offer a primed mild steel canopy.

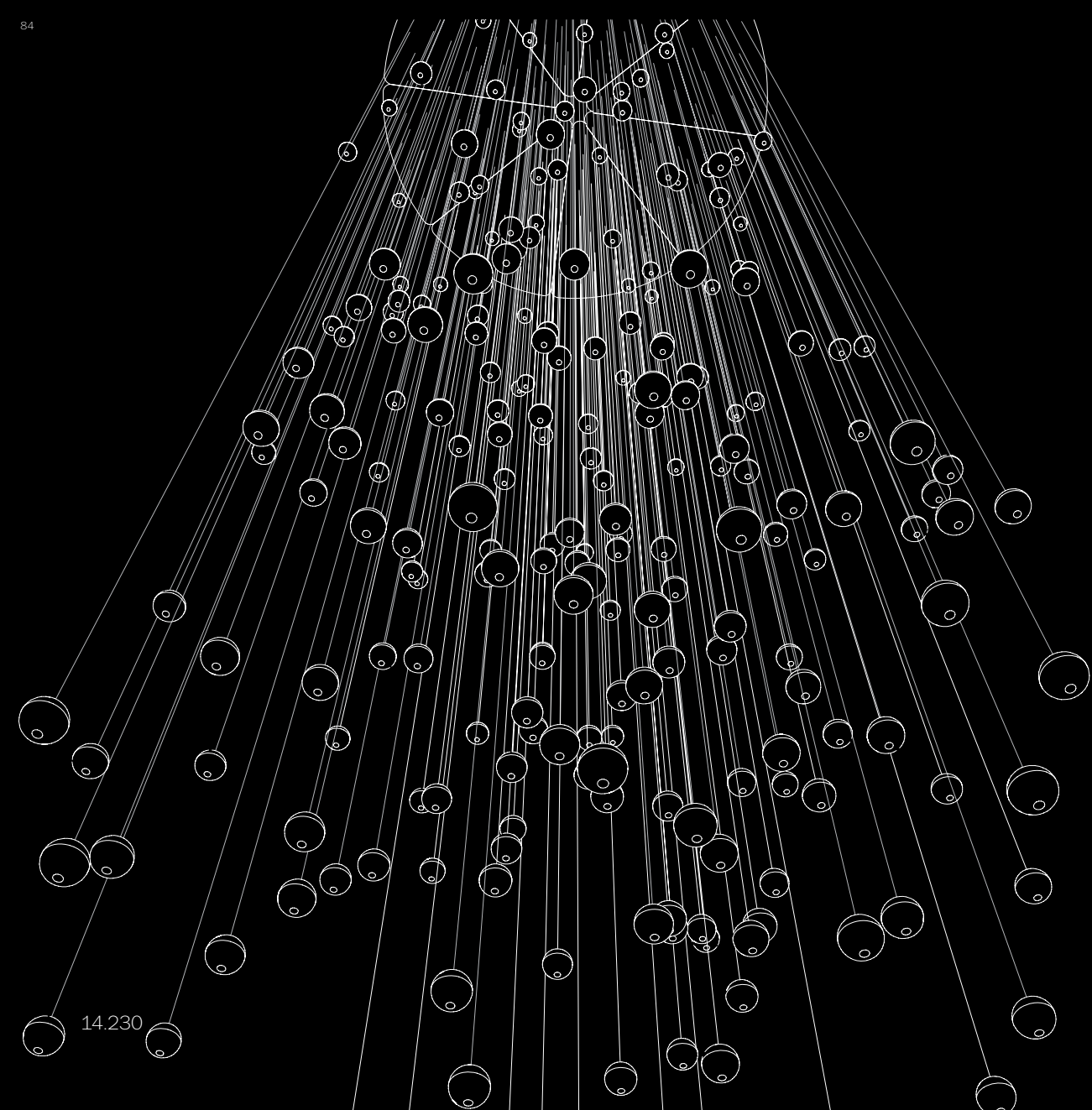
Alternate to our standard pendant offerings, we produce the following variations, which are available as options on our standard chandeliers as well as custom chandeliers. The blown glass pendants of the 28 series can be created in diameters of 5" (130 mm) up to 11" (280 mm) and are available in a range of glass colours (see colour guide on pages 34-37 for the full breadth of options). Alternate to our classic 14 series clear cast glass pendants, we now produce a grey version. Also available is the 21 series pendant in charcoal grey raw porcelain.

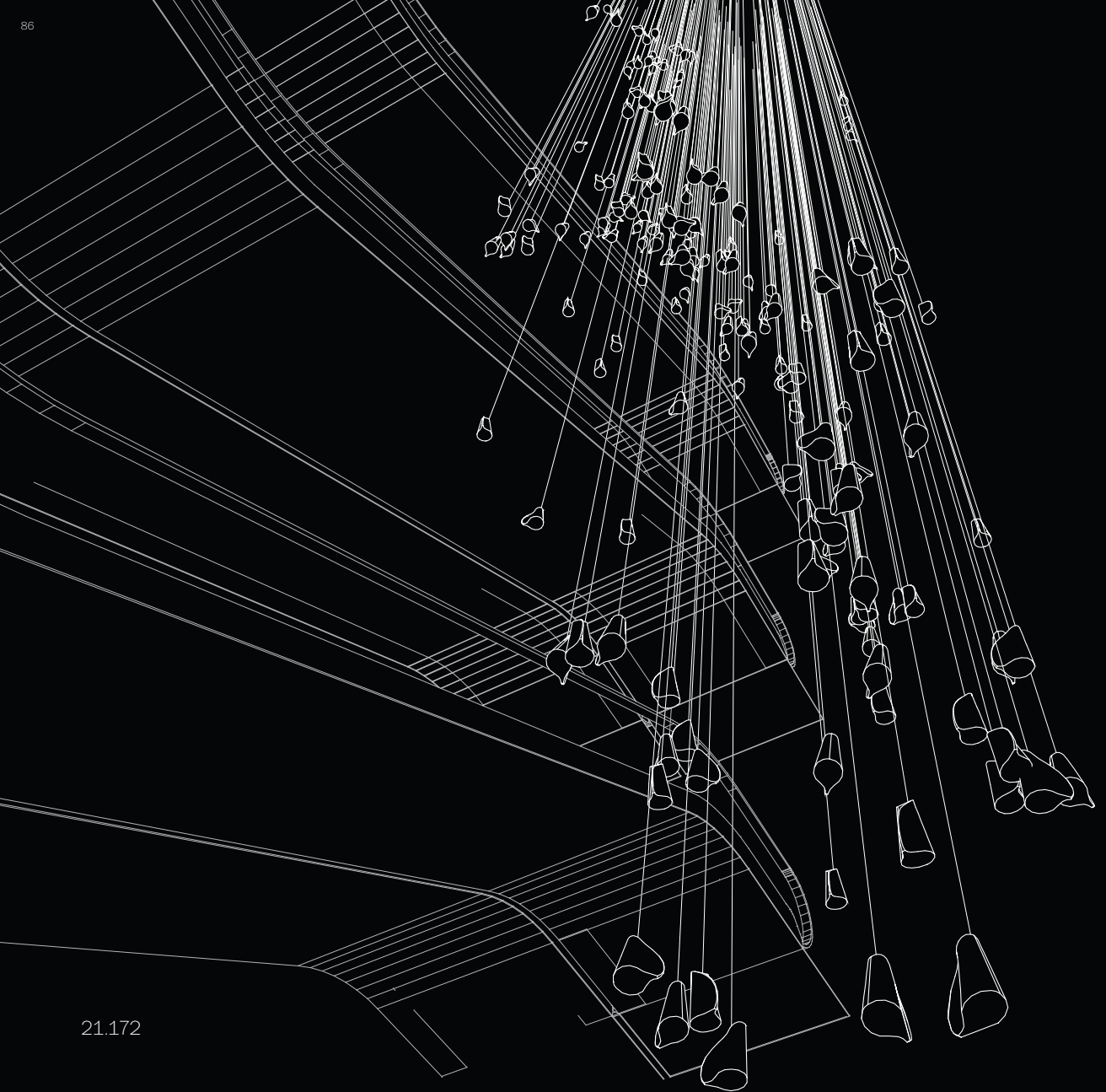
Our in-house design team assists in developing each custom chandelier – from concept, to design drawings, to final shop drawings, to production. We work with your CAD files and dimensions to create 3D renderings of the utmost detail, which include your specific space and detailed installation instructions.

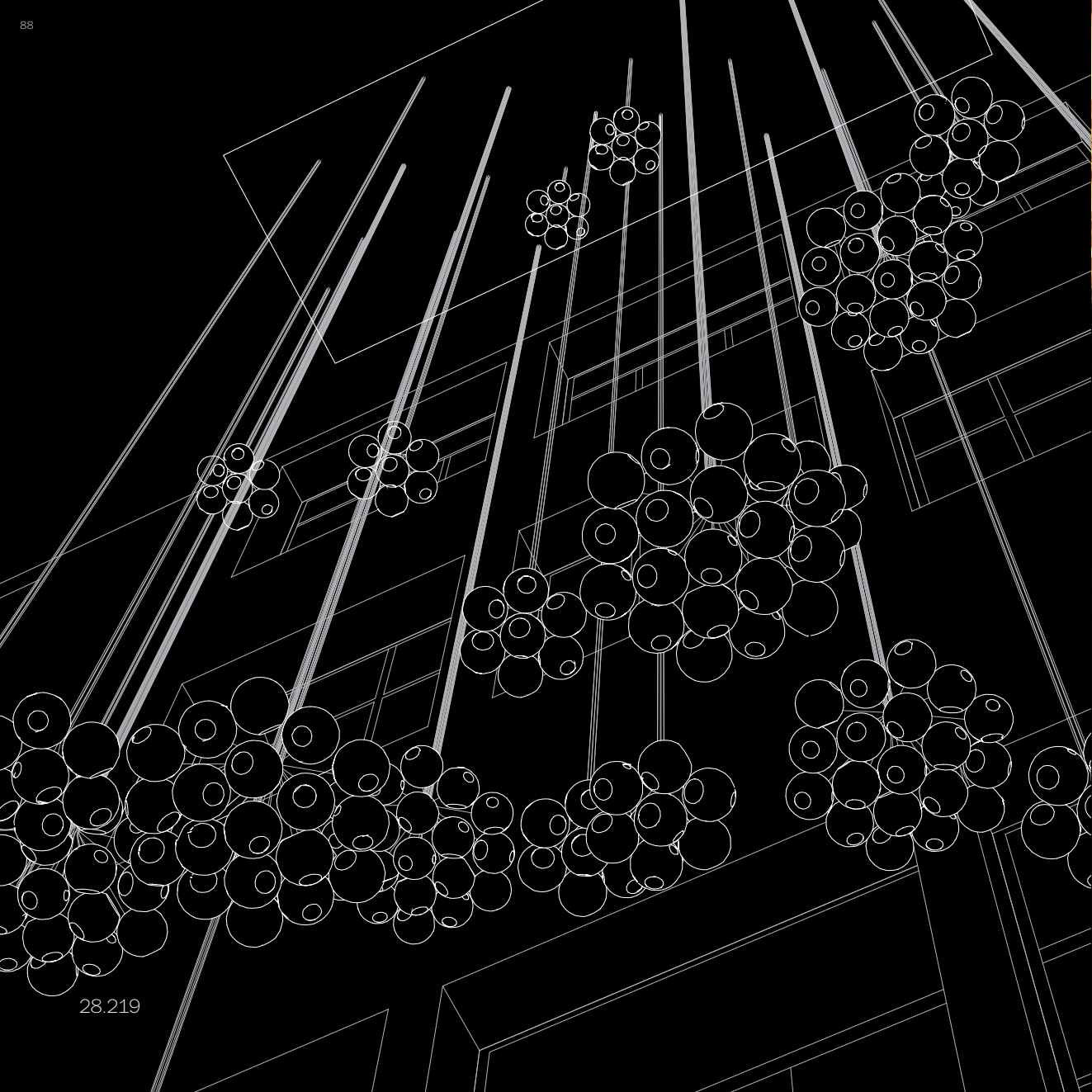


14.250



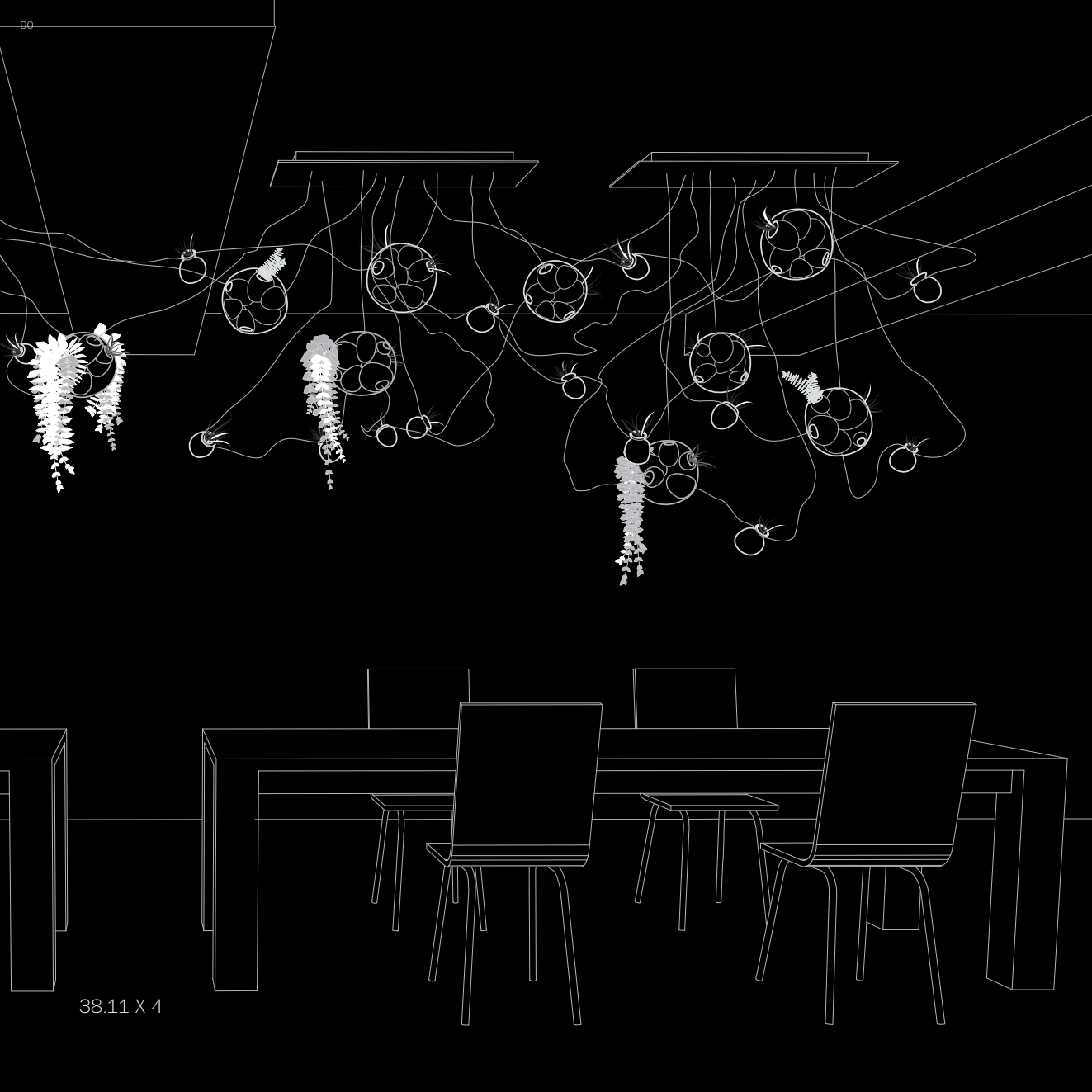






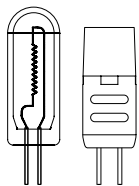
28.219



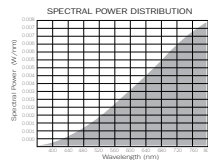


# 14 Technical Specifications

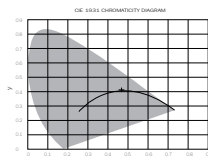
### LAMPING:



### XENON

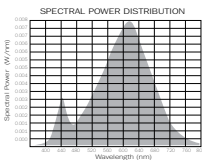


Peak Wavelength: 790nm  
 Luminous Flux: 106 lm  
 Input Power: 10.03 W  
 Lumens/Watt: 10.5

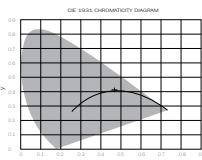


Correlated Colour Temperature: 2537  
 Colour Rendering Index: 100  
 Luminous Flux: 81  
 Lumens/Watt: 8.3

### LED



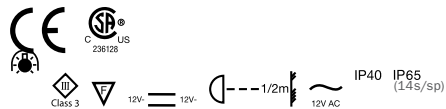
Peak Wavelength: 605nm  
 Luminous Flux: 47 lm  
 Input Power: 2.04 W  
 Lumens/Watt: 23.0



Correlated Colour Temperature: 2647  
 Colour Rendering Index: 84  
 Luminous Flux: 47  
 Lumens/Watt: 23

10W or 1.5W LED type G4 bi-pin lamp  
 (Bocci 24.1 or 24.2 LED)  
 Ta = 25C

### DESIGNATIONS:



suitable for indoor or outdoor use



± 102



55mm diameter mounting plate.

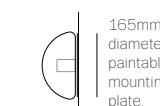
\*wall or ceiling mounted

approx. 1 kg

± 51



14S Surface light (mini plate - remote transformer)



165mm diameter paintable mounting plate.

\*wall or ceiling mounted

approx. 1 kg

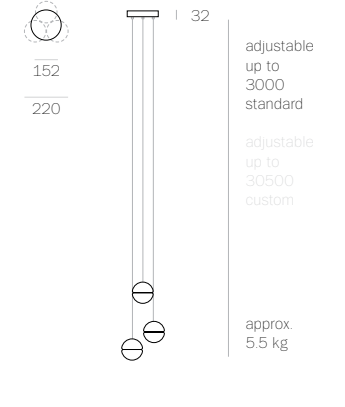
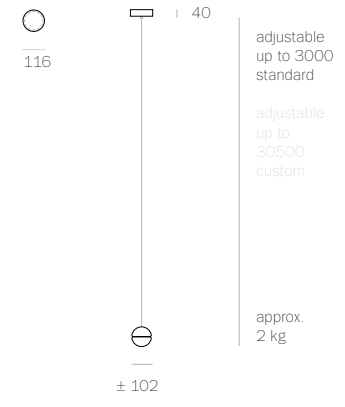
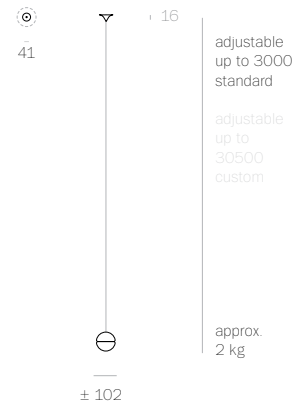
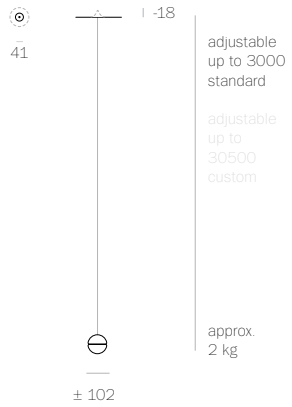
± 51



14SP Surface light

14 technical



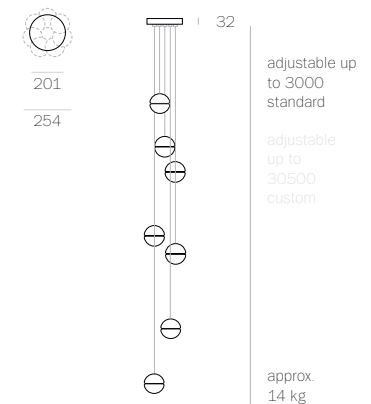
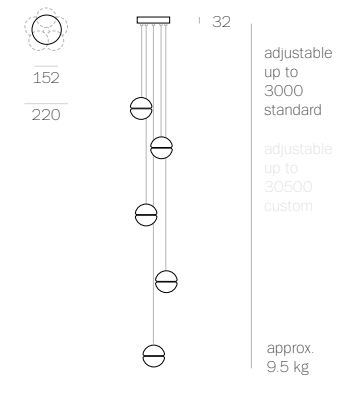
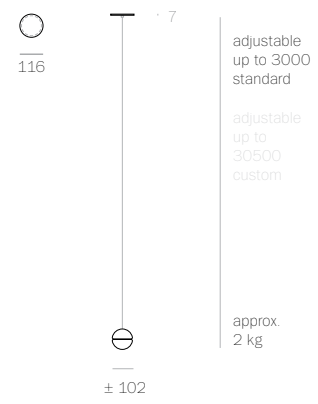
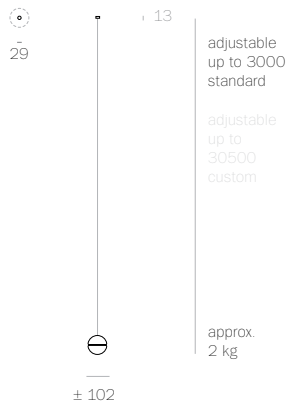


14.1mi Mini innie canopy

14.1mo Mini outtie canopy

14.1 Deep

14.3

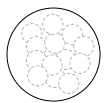


14.1m Mini canopy

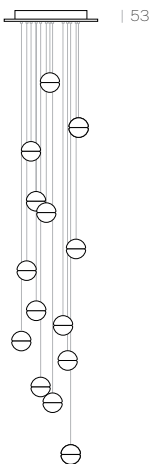
14.1

14.5

14.7



508



53

3000 standard max.

30500 custom max.

approx. 38 kg

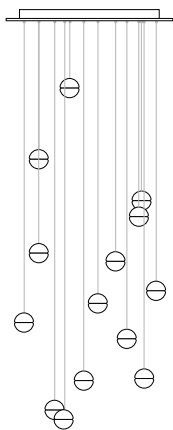


14.14 Round

284



850



53

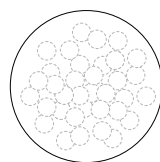
3000 standard max.

30500 custom max.

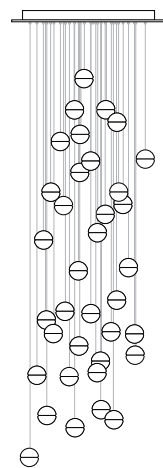
approx. 36.5 kg



14.14 Rectangle



755

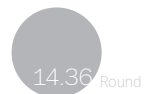


53

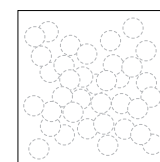
3000 standard max.

30500 custom max.

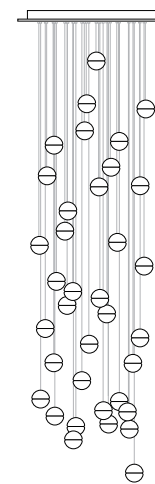
approx. 83.5 kg



14.36 Round



755



53

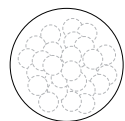
3000 standard max.

30500 custom max.

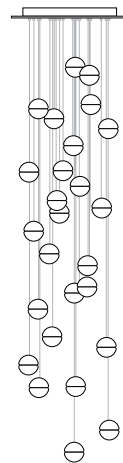
approx. 87 kg



14.36 Square



600



53

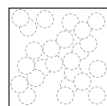
3000 standard max.

30500 custom max.

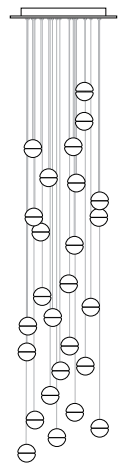
approx. 61.5 kg



14.26 Round



600

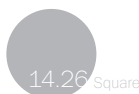


53

3000 standard max.

30500 custom max.

approx. 63.5 kg

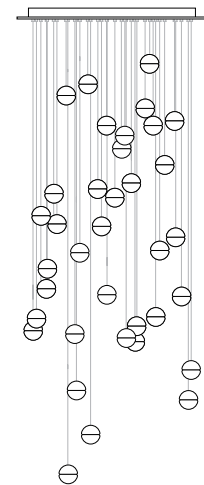


14.26 Square

370



1100



53

3000 standard max.

30500 custom max.

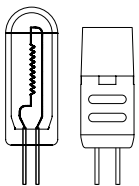
approx. 83.5 kg



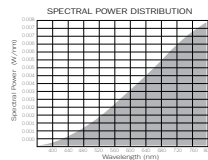
14.36 Rectangle

# 21 Technical Specifications

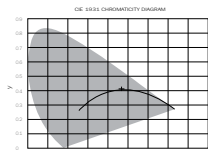
LAMPING:



XENON

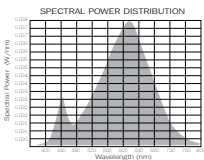


Peak Wavelength 790nm  
Luminous Flux 196 lm  
Input Power 19.03 W  
Lumens/Watt 10.3

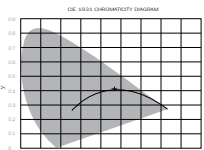


Correlated Colour Temperature: 2628  
Colour Rendering Index: 100  
Luminous Flux: 196  
Lumens/Watt: 10.3

LED



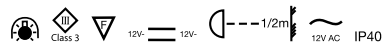
Peak Wavelength 605nm  
Luminous Flux 47 lm  
Input Power 2.04 W  
Lumens/Watt 23.0



Correlated Colour Temperature: 2647  
Colour Rendering Index: 84  
Luminous Flux: 47  
Lumens/Watt: 23

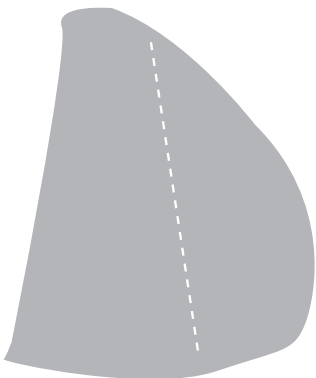
20W or 1.5W LED type G4 bi-pin lamp  
(Bocci 24.1 or 24.2 LED)  
Ta = 25C

DESIGNATIONS:



recommended for indoor use only

± 160

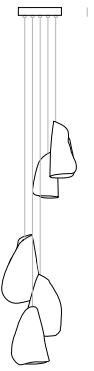


<p>41   -18</p> <p>adjustable up to 3000 standard</p> <p>adjustable up to 30500 custom</p> <p>approx. 0.5 kg</p>	<p>41   16</p> <p>adjustable up to 3000 standard</p> <p>adjustable up to 30500 custom</p> <p>approx. 0.5 kg</p>	<p>29   12</p> <p>adjustable up to 3000 standard</p> <p>adjustable up to 30500 custom</p> <p>approx. 0.5 kg</p>
<p>21.1mi Mini innie canopy</p> <p>116   7</p> <p>adjustable up to 3000 standard</p> <p>adjustable up to 30500 custom</p> <p>approx. 0.5 kg</p>	<p>21.1mo Mini outtie canopy</p> <p>116   40</p> <p>adjustable up to 3000 standard</p> <p>adjustable up to 30500 custom</p> <p>approx. 0.5 kg</p>	<p>21.1m Mini canopy</p> <p>152   32</p> <p>adjustable up to 3000 standard</p> <p>adjustable up to 30500 custom</p> <p>approx. 1.3 kg</p>
<p>21.1 Deep</p>	<p>21.1 Deep</p>	<p>21.3 Deep</p>

21 technical



152



| 32

adjustable up to 3000 standard

adjustable up to 30500 custom

approx. 2 kg



203

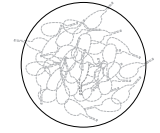


| 32

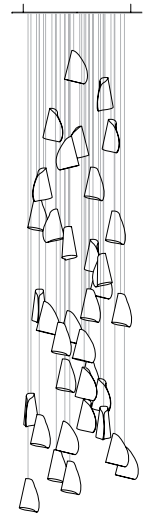
adjustable up to 3000 standard

adjustable up to 30500 custom

approx. 2.8 kg



755

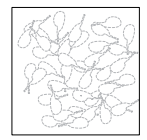


| 53

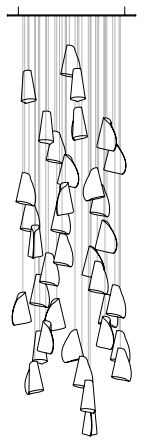
3000 standard max.

30500 custom max.

approx. 28 kg



755



| 53

3000 standard max.

30500 custom max.

approx. 32 kg



21.5



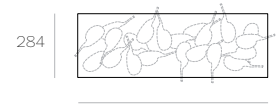
21.7



21.36 Round

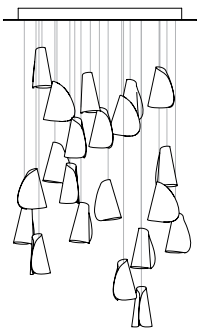


21.36 Square



284

850

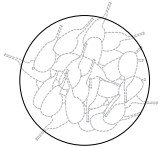


| 53

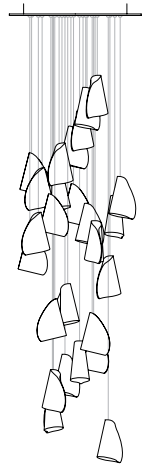
3000 standard max.

30500 custom max.

approx. 18 kg



600

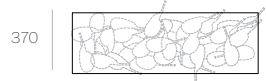


| 53

3000 standard max.

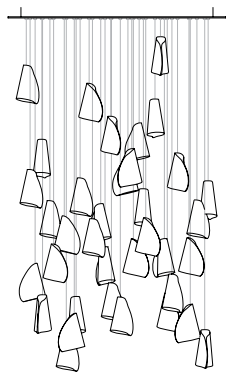
30500 custom max.

approx. 24 kg



370

1100

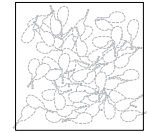


| 53

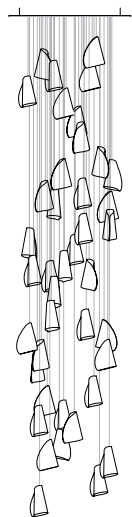
3000 standard max.

30500 custom max.

approx. 28 kg



755



| 53

3000 standard max.

30500 custom max.

approx. 33 kg



21.21



21.26



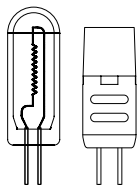
21.36 Rectangle



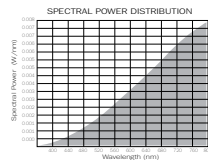
21.50

# 28 Technical Specifications

LAMPING:

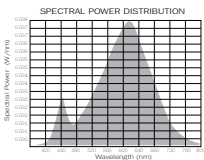


XENON

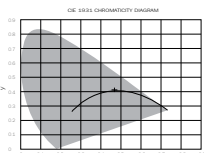
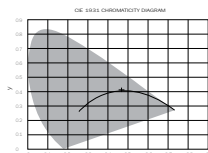


Peak Wavelength 790nm  
Luminous Flux 196 lm  
Input Power 19.03 W  
Lumens/Watt 10.3

LED



Peak Wavelength 605nm  
Luminous Flux 47 lm  
Input Power 2.04 W  
Lumens/Watt 23.0



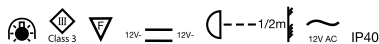
Correlated Colour Temperature: 2628  
Colour Rendering Index: 100  
Luminous Flux: 196  
Lumens/Watt: 10.3

2647  
84  
47  
23

20W or 1.5W LED type G4 bi-pin lamp  
(Bocci 24.1 or 24.2 LED)

Ta = 25C

DESIGNATIONS:



suitable for indoor or outdoor use

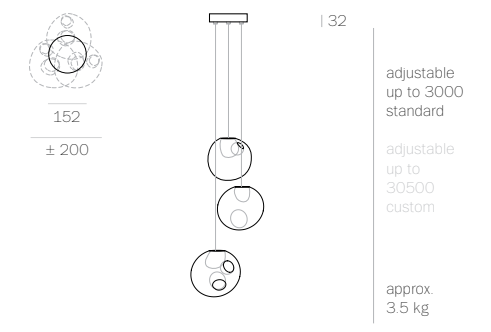
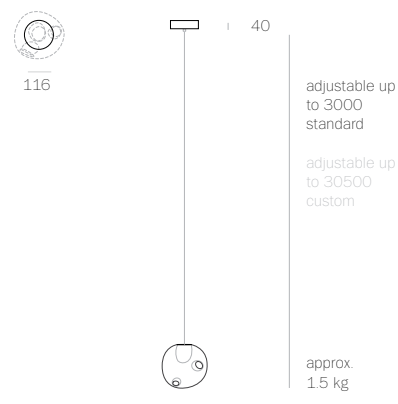
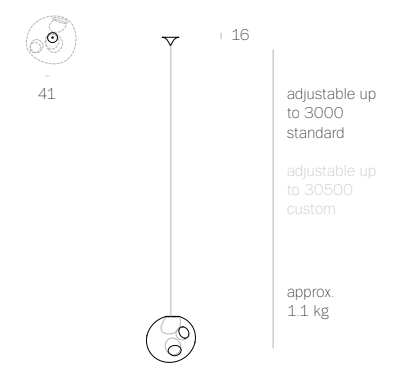
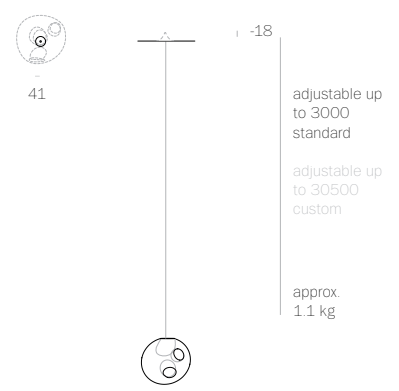


**28S** Surface light (mini plate - remote transformer)  
55mm diameter mounting plate.  
\*wall or ceiling mounted  
approx. 1 kg

**28SP** Surface light  
165mm diameter paintable mounting plate.  
\*wall or ceiling mounted  
approx. 1 kg

**28SC** Surface light (copper tubing - remote transformer)  
58mm diameter mounting plate.  
500mm flexible copper tubing.  
\*wall or ceiling mounted  
approx. 1.2 kg

**28D** Desk Lamp  
flexible crochet memory cable 3000mm  
approx. 2.2 kg

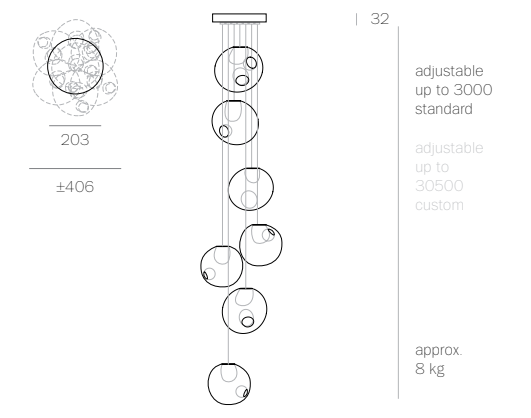
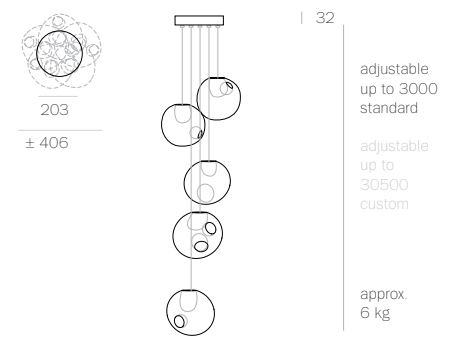
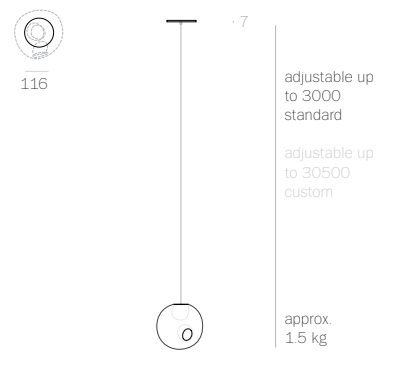
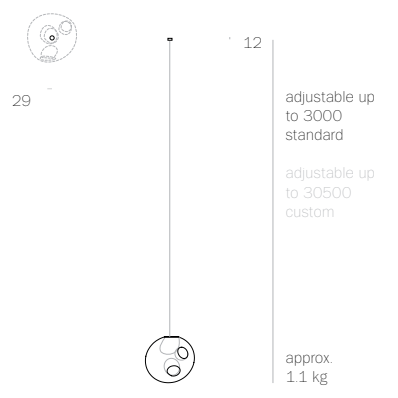


28.1mi Mini innie canopy

28.1mo Mini outtie canopy

28.1 Deep

28.3 Random

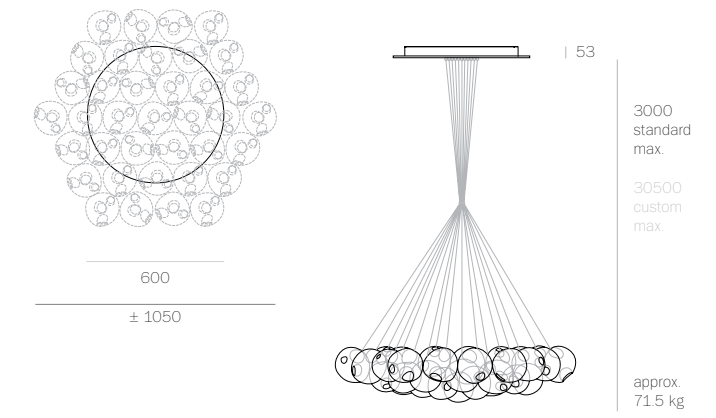
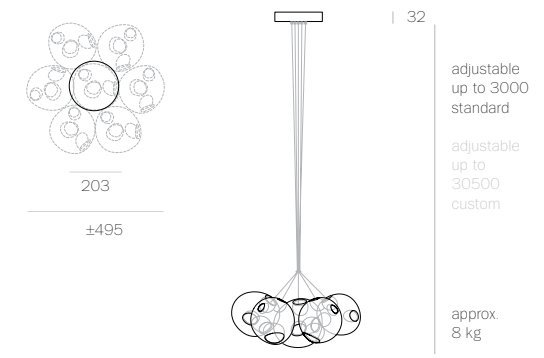
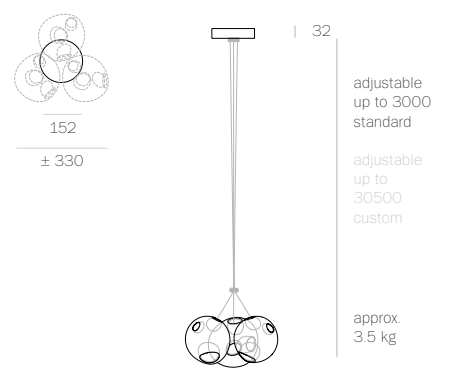


28.1m Mini canopy

28.1

28.5 Random

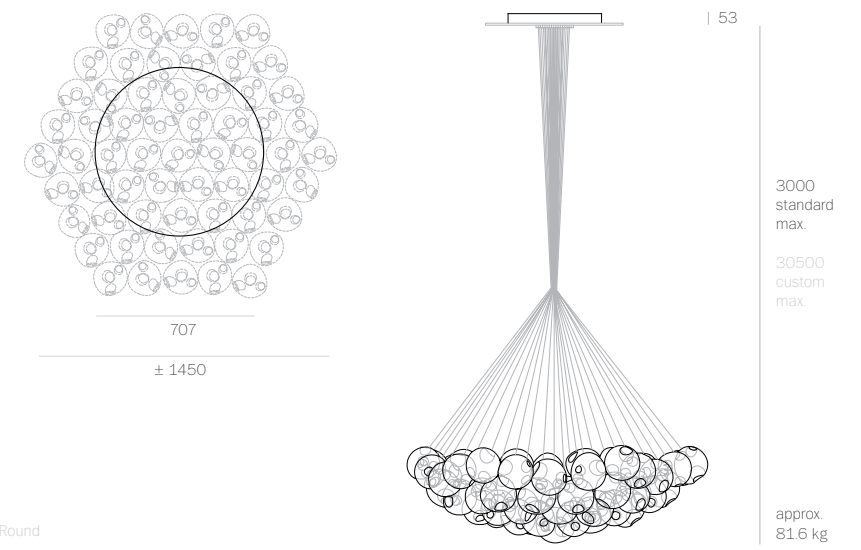
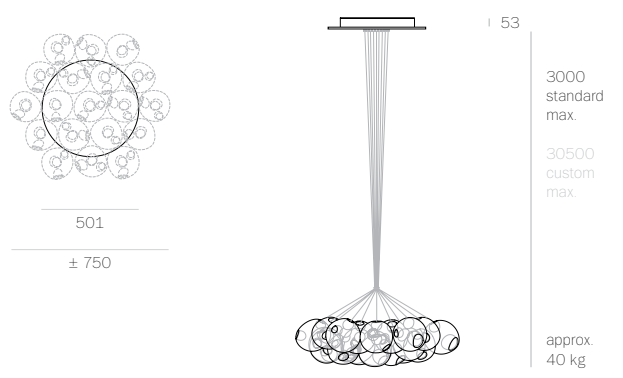
28.7 Random



28.3 Cluster

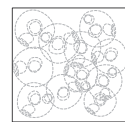
28.7 Cluster

28.37 Round

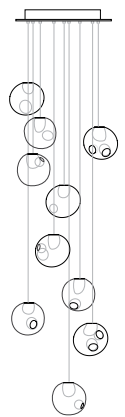


28.19 Round

28.61 Round



508

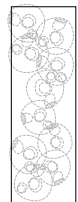


| 53

3000 standard max.  
30500 custom max.

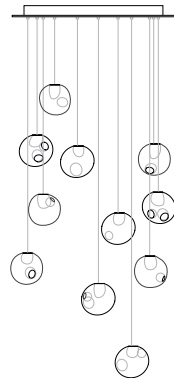
approx. 29 kg

28.11 Square



284

850

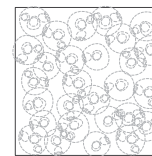


| 53

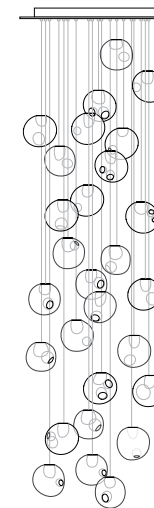
3000 standard max.  
30500 custom max.

approx. 28 kg

28.11 Rectangle



755

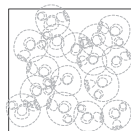


| 53

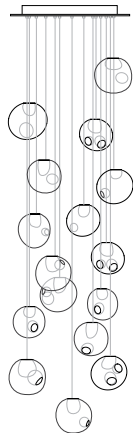
3000 standard max.  
30500 custom max.

approx. 65 kg

28.28 Square



600



| 53

3000 standard max.  
30500 custom max.

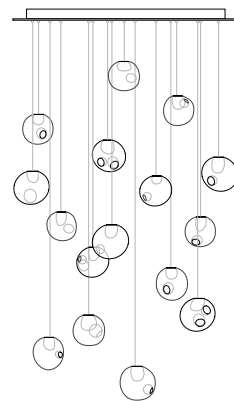
approx. 39.5 kg

28.16 Square



370

1100

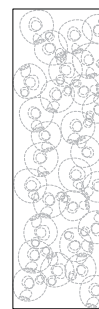


| 53

3000 standard max.  
30500 custom max.

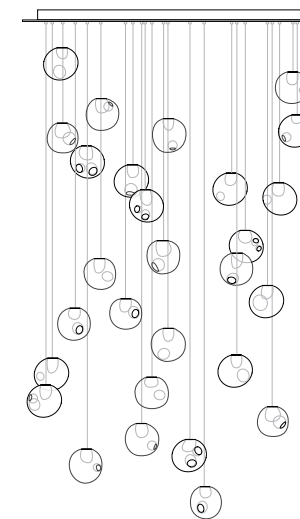
approx. 38 kg

28.16 Rectangle



445

1320



| 53

3000 standard max.  
30500 custom max.

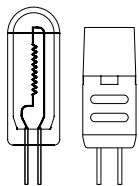
approx. 66.8 kg

28.28 Rectangle

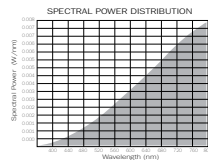


# 38 Technical Specifications

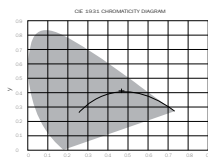
LAMPING:



XENON

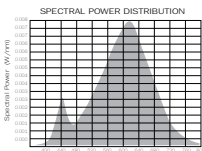


Peak Wavelength 790nm  
Luminous Flux 106 lm  
Input Power 19.03 W  
Lumens/Watt 5.6

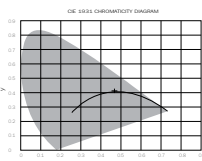


Correlated Colour Temperature: 2537  
Colour Rendering Index: 100  
Luminous Flux: 81  
Lumens/Watt: 8.3

LED



Peak Wavelength 605nm  
Luminous Flux 47 lm  
Input Power 2.04 W  
Lumens/Watt 23.0



Correlated Colour Temperature: 2647  
Colour Rendering Index: 84  
Luminous Flux: 47  
Lumens/Watt: 23

10W or 1.5W LED type G4 bi-pin lamp  
(Bocci 24.1 or 24.2 LED)

Ta = 25C

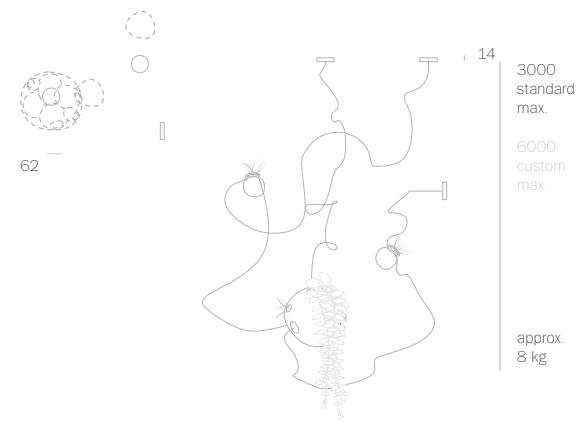
DESIGNATIONS:



suitable for indoor or outdoor use

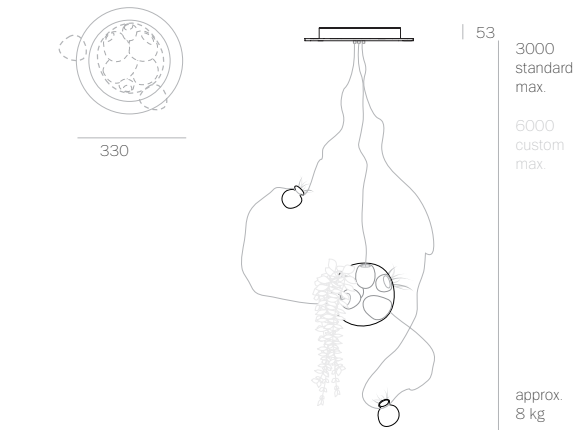


± 200 - 250



38.3m Mini Canopy

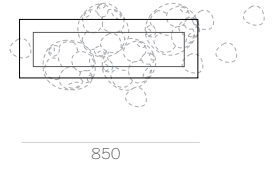
14  
3000 standard max.  
6000 custom max.  
approx. 8 kg



38.3m

53  
3000 standard max.  
6000 custom max.  
approx. 8 kg

284

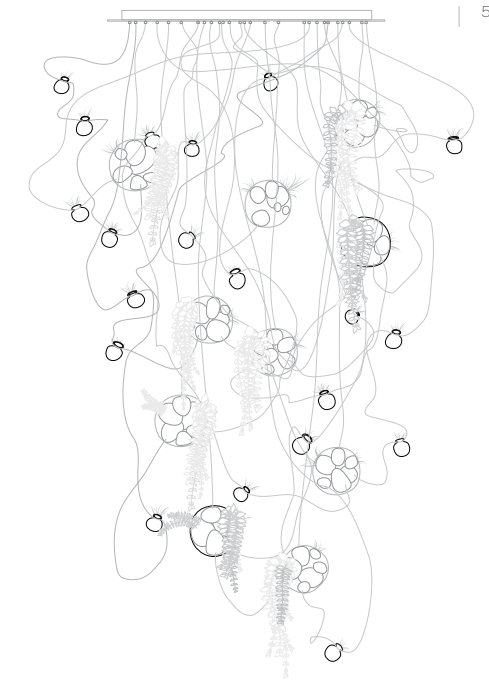
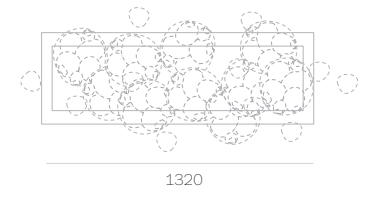


53

3000  
standard  
max.  
  
6000  
custom  
max.

approx.  
31 kg

445



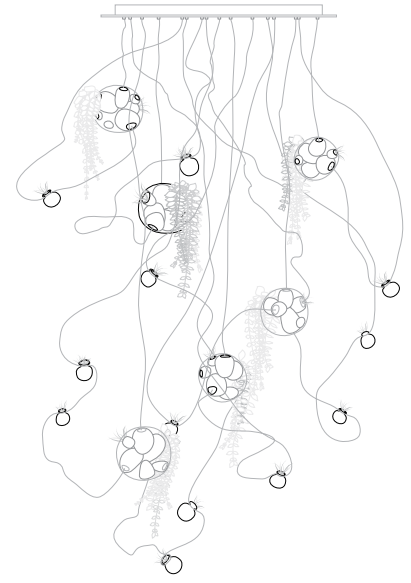
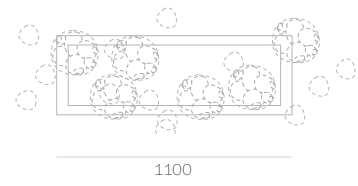
53

3000  
standard  
max.  
  
6000  
custom  
max.

approx.  
75 kg

38.11

370



53

3000  
standard  
max.  
  
6000  
custom  
max.

approx.  
43 kg

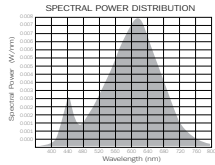
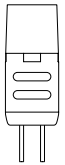
38.28

38.16

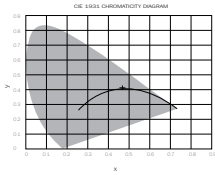
# 57 Technical Specifications

### LAMPING:

LED



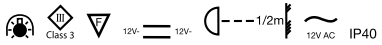
Peak Wavelength 605nm  
Luminous Flux 47 lm  
Input Power 2.04 W  
Lumens/Watt 23.0



Correlated Colour Temperature: 2647  
Colour Rendering Index: 84  
Luminous Flux: 47  
Lumens/Watt: 23

1.5W type G4 bi-pin lamp. (Bocci 24.2 LED)

### DESIGNATIONS:



suitable for indoor or outdoor use



± 100 - 165

55mm diameter mounting plate.  
\*wall or ceiling mounted  
approx. 1 kg  
± 105

adjustable up to 3000 standard  
adjustable up to 30500 custom max.  
\*swag hook must be used  
approx. 1.5 kg  
± 150

adjustable up to 3000 standard  
adjustable up to 30500 custom max.  
\*swag hook must be used  
approx. 1.5 kg  
± 150

adjustable up to 3000 standard  
adjustable up to 30500 custom max.  
approx. 1.5 kg  
± 150

adjustable up to 3000 standard  
adjustable up to 30500 custom max.  
approx. 1.5 kg  
± 150

adjustable up to 3000 standard  
adjustable up to 30500 custom max.  
approx. 2 kg  
± 150

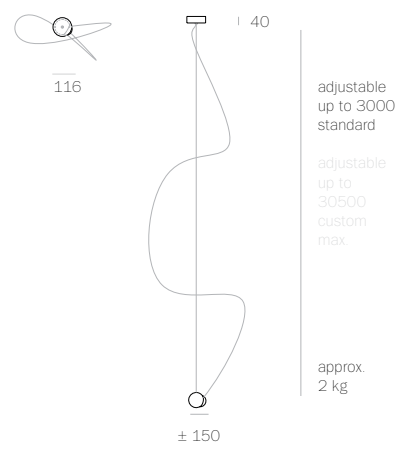
57s Surface light  
(mini plate - remote transformer)

57.1mi Mini innie canopy

57.1mo Mini outtie canopy

57.1m Mini Canopy

57 technical

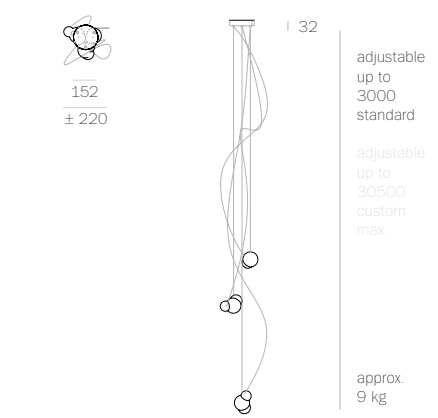


adjustable  
up to 3000  
standard

adjustable  
up to  
30500  
custom  
max.

approx.  
2 kg

57.1 Deep canopy

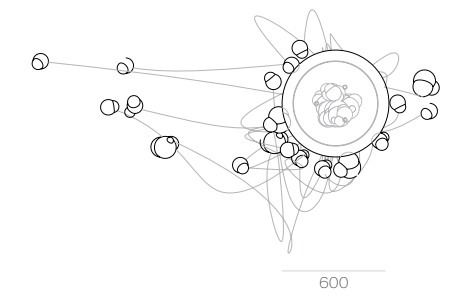


adjustable  
up to  
3000  
standard

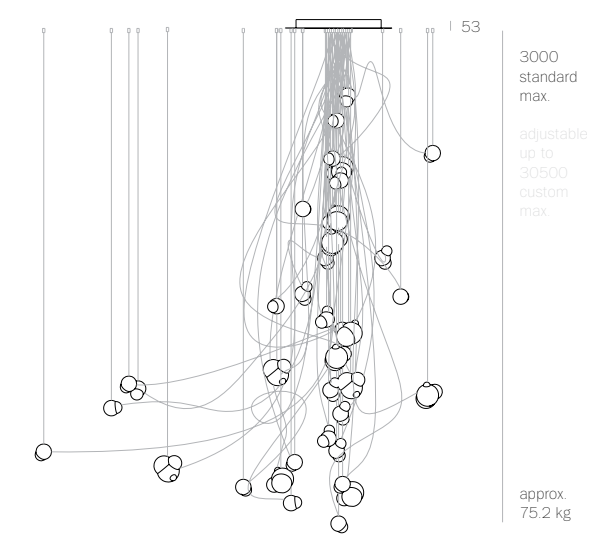
adjustable  
up to  
30500  
custom  
max.

approx.  
9 kg

57.3



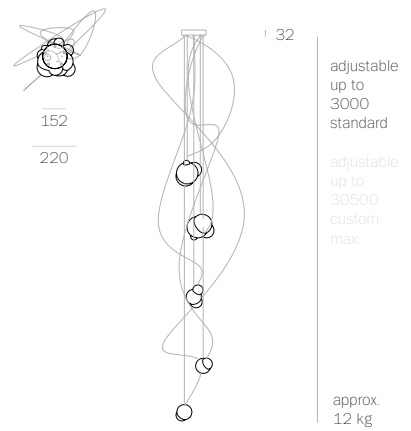
57.37



3000  
standard  
max.

adjustable  
up to  
30500  
custom  
max.

approx.  
75.2 kg

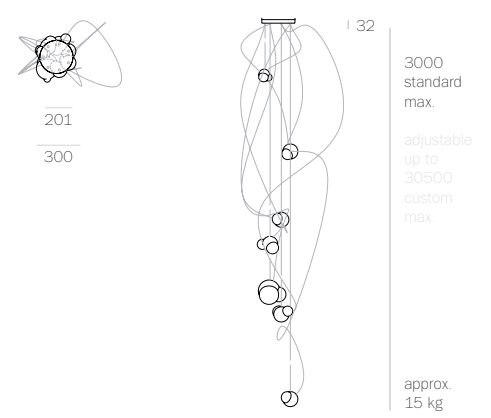


adjustable  
up to  
3000  
standard

adjustable  
up to  
30500  
custom  
max.

approx.  
12 kg

57.5



3000  
standard  
max.

adjustable  
up to  
30500  
custom  
max.

approx.  
15 kg

57.7

Photographs courtesy Estudi Borrell	10 - 11 83
Photographs by Cory Dawson	13 31
Photographs by Josh Dunford	04 - 05 85
Photographs by Spencer Hung	43 57 80 91
Photographs by Robert Keizure	18 - 19
Photographs by Nic Lehoux	50 - 51
Photographs by Gwenaël Lewis	3 8 14 15 17 20 - 21 22 23 25 26 - 27 29 30 33 34 35 36 37 38 39 40 41 44 45 48 49 52 53 54 55 58 59 61 62 - 63 65 66 - 67 68 69 74 78 87 89

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