57

A fabrication process whereby air voids of different sizes and configurations are composed within a larger mass of dark grey glass. These air pockets are invisible when the piece is unlit, and come alive to reveal an interior universe when 57 is illuminated. By virtue of the method of making, each 57 is completely unique. A flexible suspension system enables pendants to be nestled in close-knit groups or loosely composed in a wider field, allowing each piece to be perceived individually.

Designed by Omer Arbel, 2013
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BOCCI

57

Lamping

1.8w LED

Material

blown and dipped glass, cast borosilicate glass cap, powder coated steel and brass hardware, swag hooks, braided metal coaxial cable, aircraft cable, electrical components, and brass or white powder coated canopy.

Patent

EU Patent # 002268581-0001 to 0006
Worldwide patents issued and pending

c UL us LISTED
LOW VOLTAGE LUMINAIRE
E476186

±100-165
(4"-6")

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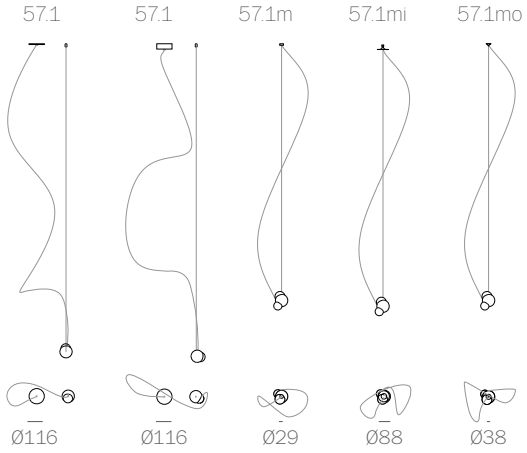
57
random

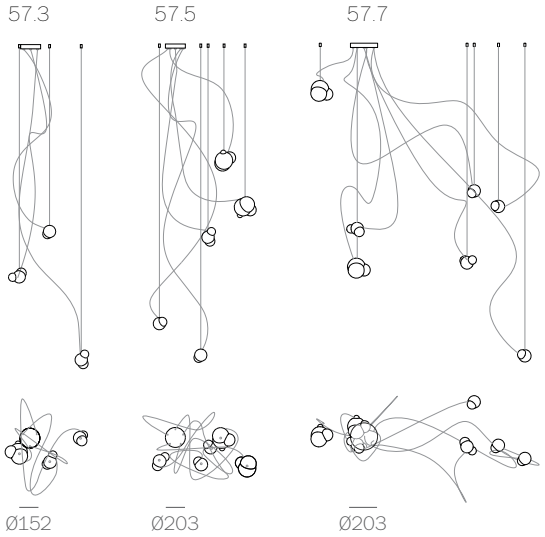
Adjustable Lengths

Random canopies



adjustable up to 3000 (10') standard

adjustable up to 24600 (80') custom

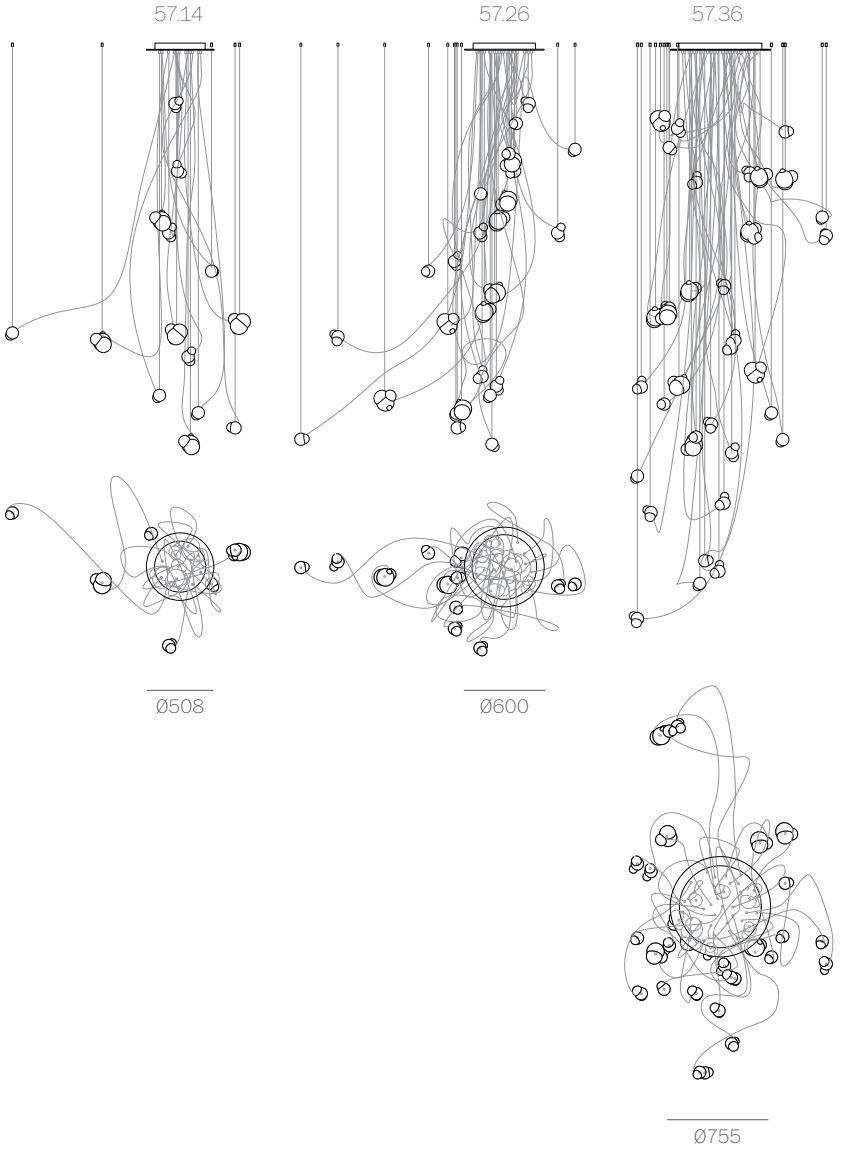


adjustable up to 3000 (10') standard

adjustable up to 24600 (80') custom

Fixed Lengths

Random canopies.



fixed length up to 3000 (10') standard

fixed length up to 24600 (80') custom

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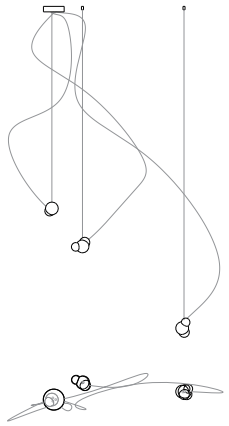
57
cluster

Adjustable Lengths

Cluster canopies.

57.3

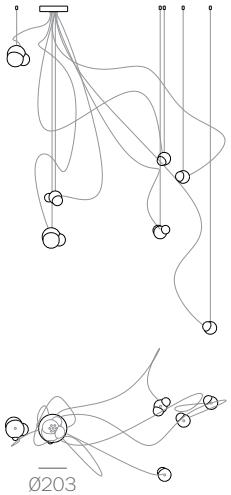


Ø152

adjustable up to 3000 (10') standard

adjustable up to 24600 (80') custom

57.7

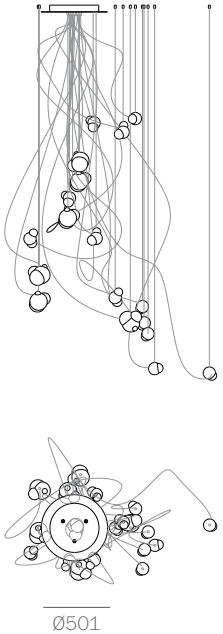


Ø203

Fixed Lengths

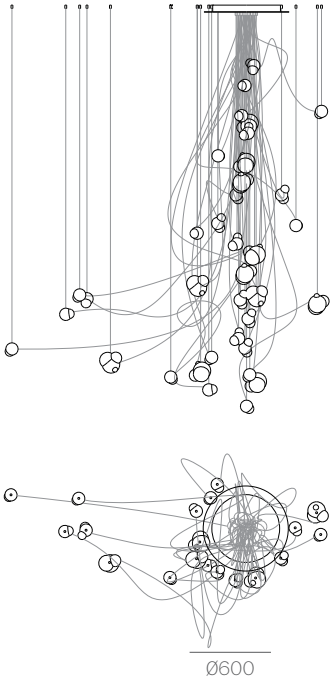
Cluster canopies.

57.19



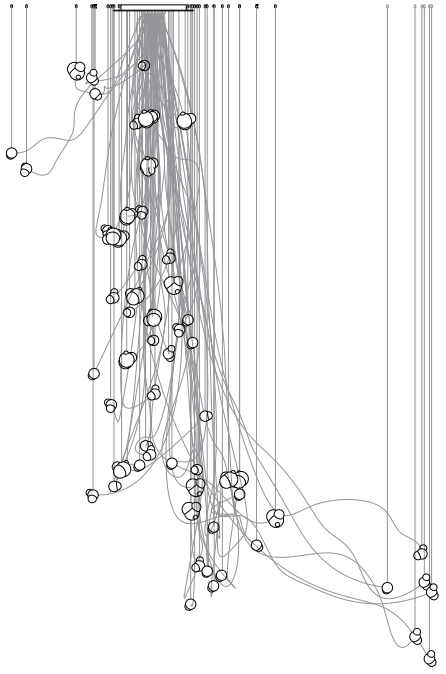
Ø501

57.37



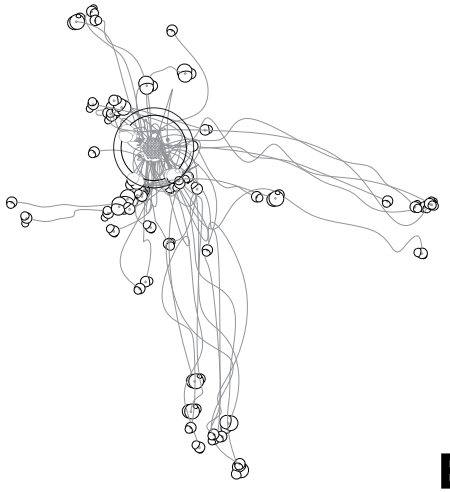
Ø600

57.61



fixed length up to 3000 (10') standard

fixed length up to 24600 (80') custom



Ø707

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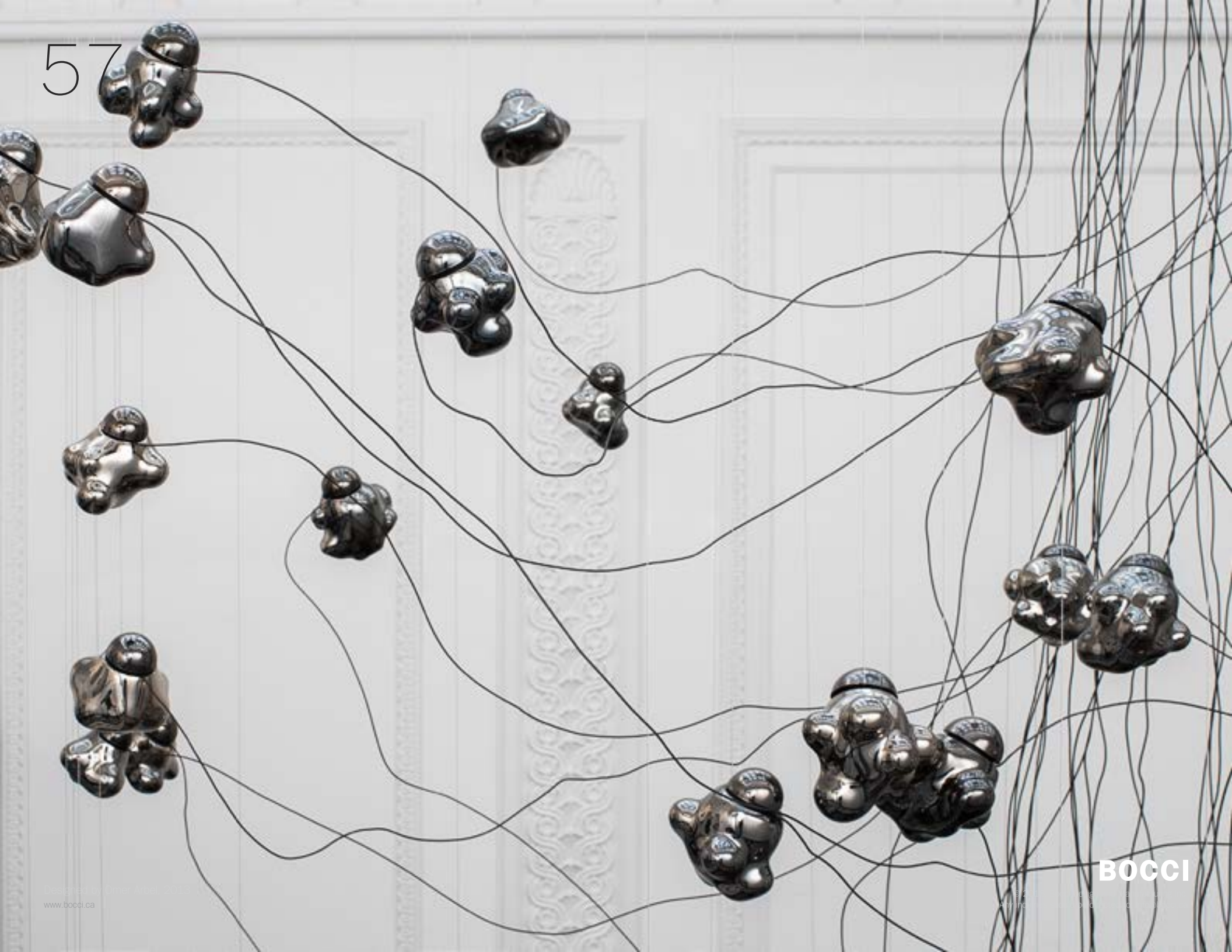

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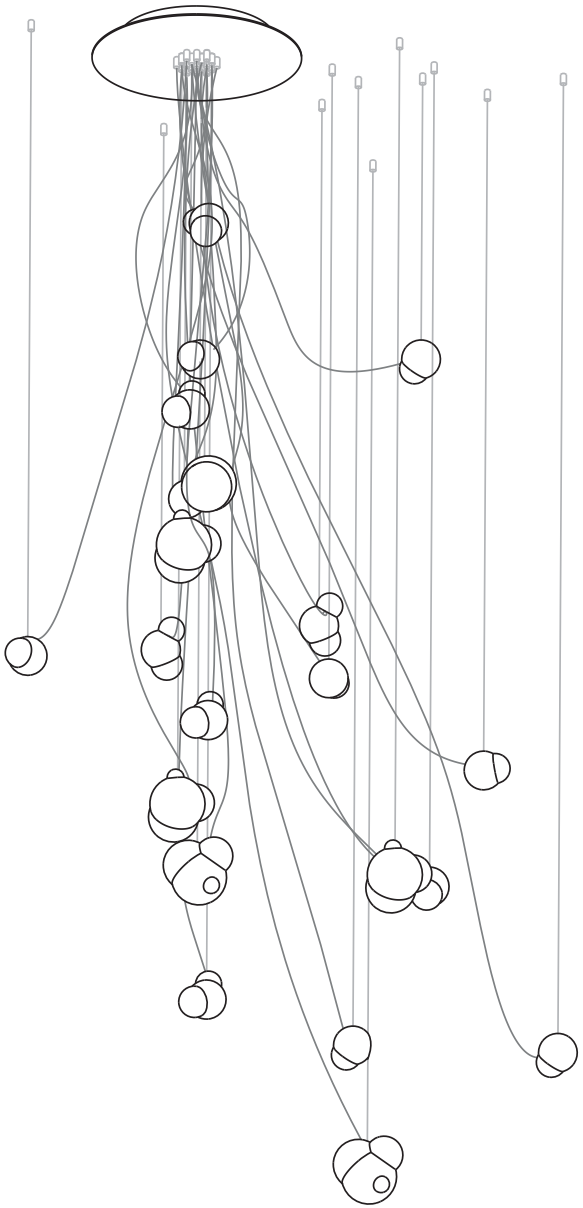

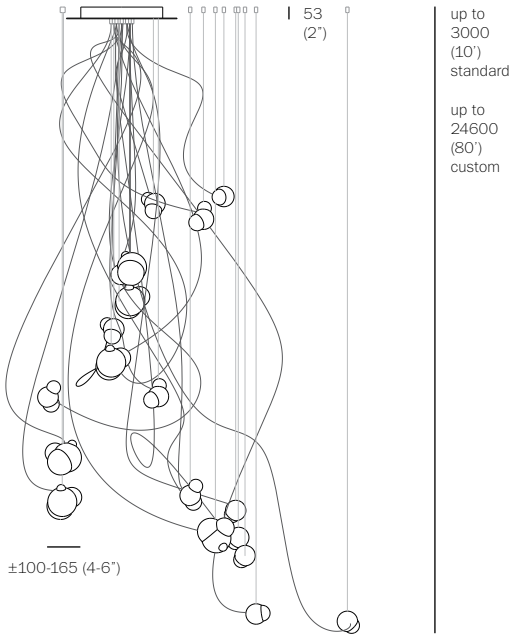

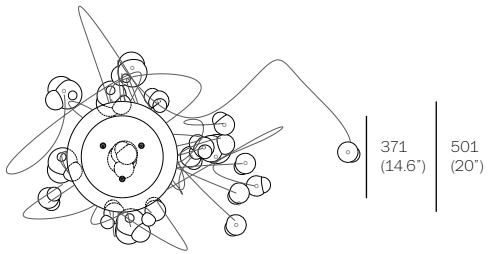

approx 50kg (110lb)

PENDANTS:	nineteen
MOUNTING:	white powder coated round canopy 501mm (20") in diameter x 53mm (2") deep
LAMPING:	1.8w LED (26w total)
CABLE:	fixed lengths. 3000mm (10') standard / up to 24600mm (80') maximum
MATERIALS:	blown and dipped glass, cast borosilicate glass cap, white powder-coated steel hardware and swag hooks, braided metal coaxial cable, aircraft cable, electrical components.
WEIGHT:	approximately 50kg (110lb)
TRANSFORMERS:	integral

DESCRIPTION

57.19 is a cluster configuration of nineteen 57 pendants suspended from a round canopy. This fixture is designed to be horizontal, meaning that the pendants don't hang directly below, but instead trail off across a space, around a corner or simply deviate from their gravitational directive. As such, this fixture is designed to be hung from any number of optional swag points mounted elsewhere from the canopy.

57 is an exploration of a technique 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. By virtue of the fabrication process, each piece is completely unique.

NOTES

+ Purchase replacement lamps online at www.bocci.ca/lamps

EU Patent # 002268581-0001 to 0006
Worldwide patents issued and pending

Made in Vancouver, Canada

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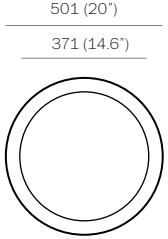
CE c UL us LISTED
LOW VOLTAGE LUMINAIRE
E476186

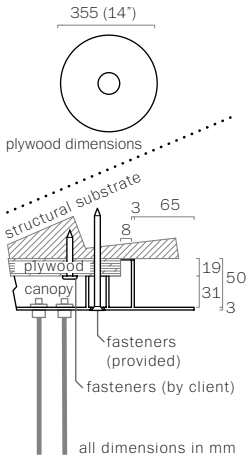
CLUSTER
57.19
Design by Omer Arbel
PRODUCT SPECIFICATION

BOCCI



1

Measure and mark the light fixture canopy position on the ceiling



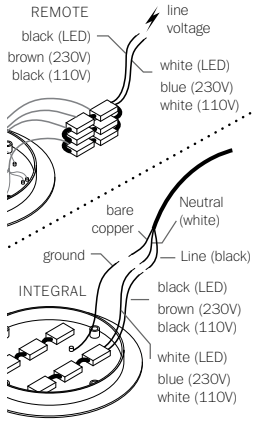
2

Note: The client is responsible for providing a robust 19mm (3/4") plywood backing or wood blocking to securely anchor to the structural substrate.

Connections from the plywood to the structural substrate are the client's responsibility.

Measure the plywood so that it fits within the canopy side walls (refer to detail above).

Anchor the plywood backing to the structural ceiling substrate.



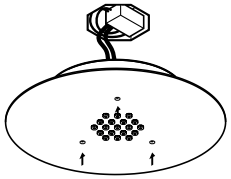
3

Connect transformers inside the canopy to line voltage.

LED: connect the black wire to black and white wire to white wire.

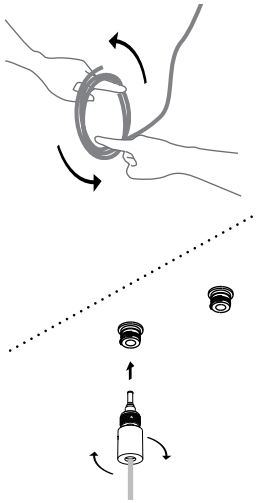
For the ground connection, connect the green wire with yellow stripe to the bare copper wire or green wire in the junction box.

Note: As an option, Bocci recommends mounting transformers remotely in a close, accessible and hidden location for ease of long term maintenance. Installation to be done by certified personnel to insure compliance with the code.



4

Anchor canopy into the plywood backing using the fasteners provided.

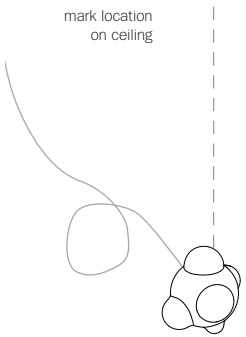


5

Very carefully uncoil the braided coaxial cable in a spool like manner. Insert your index fingers into opposite sides of the roll then rotate your fingers around each other to unroll the coaxial cable.

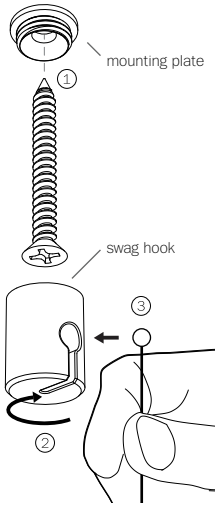
Use patience: allow the cable to uncoil completely to avoid kinks.

Each pendant terminates in a "headphone jack" type connector, which plugs into a receiving receptacle in the canopy. Clients are encouraged to compose their own pendant configuration on site, thus creating a truly unique fixture. After plugging in each pendant, turn the threaded sheath into place by hand ensuring that it is adequately tightened. Tools are not required.



6

Move pendant into location and mark the location for the swag hook screw on the ceiling.



7

Ensure that the ceiling at the swag location is strong enough to hold 2kg (5lbs) before attaching swag hook with the provided screws.

Thread the swag hook on to the mounting plate, ensuring all the threads are engaged.

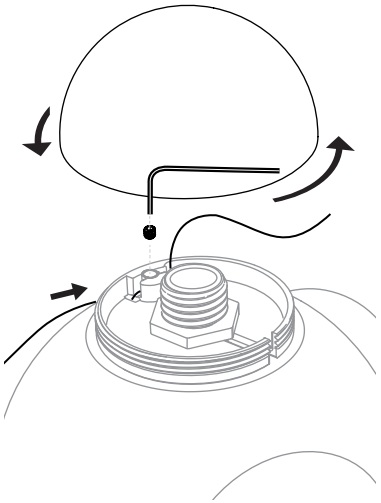
Slide the ball end of the aircraft into the slot on the swag hook.

CLUSTER

57.19

Design by Omer Arbel
PRODUCT INSTALLATION INSTRUCTIONS

BOCCI

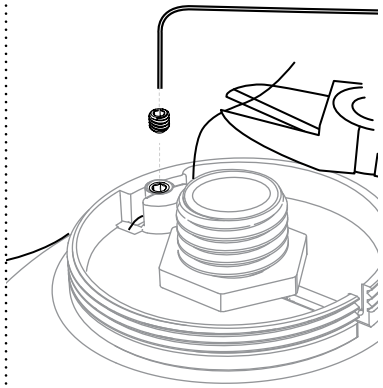


8

Remove the glass cap by turning counter-clockwise and set aside.

Note: throughout the installation, be mindful not to damage the glass cap and do not lose track of it, its size was chosen specifically for this pendant.

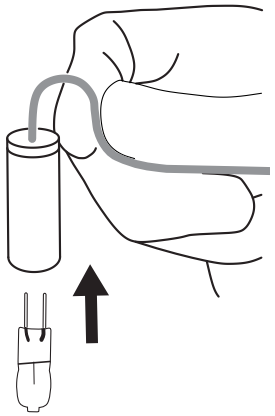
Using a 2mm Allen key, loosen the set screw on the hardware. Insert the aircraft cable into the small hole.



9

Once the pendant is positioned at the desired height, tighten the set screw to lock in the aircraft cable.

Using wire cutters, trim off any excess aircraft cable.



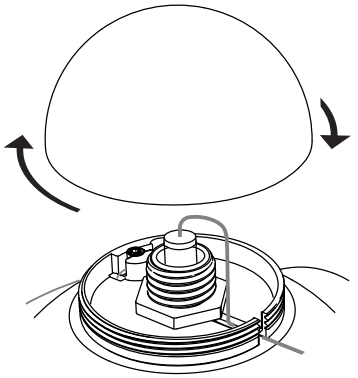
10

Form a crook-shape in the coax right above the lampholder pinching it together over your index finger or thumb. The lampholder should be roughly 90 degrees to the rest of the length of coax

Bocci 1.8w LED lamps included.

Plug the lamp into the socket. Do not touch the lamp with your bare hands.

Purchase replacement lamps online at www.bocci.ca/lamps



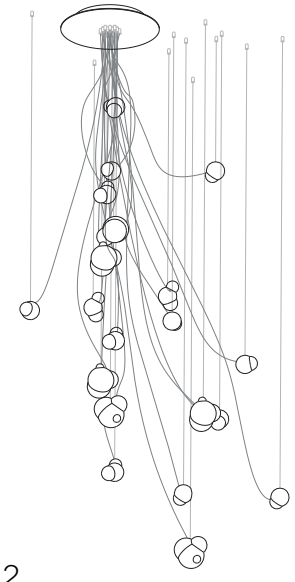
11

Insert the lampholder into the pendant through the hole in the centre of the cap mount. Set it in such a way that the crook rests parallel to the cap mount and runs through the slot with the lampholder inside the pendant perpendicular to the cap mount.

Put the cap back onto the pendant, ensuring that the coax remains seated in the slot. Thread the cap onto the mount.

DO NOT OVERTIGHTEN.

There should be a 2mm gap between the cap and the pendant with the coax emerging from inside.



12

Clean fingerprints from glass surfaces.

Turn fixture on.

For additional assistance, please contact Bocci:

Vancouver
sales@bocci.ca
www.bocci.ca

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www.bocci.ca

EU Patent # 002268581-0001 to 0006
Worldwide patents issued and pending

Made in Vancouver, Canada

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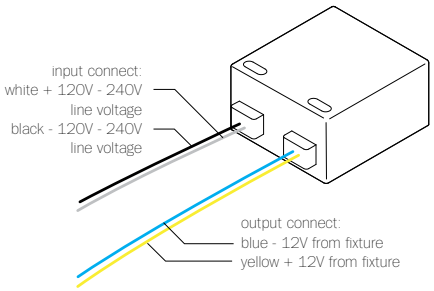
CLUSTER
57.19

Design by Omer Arbel
PRODUCT INSTALLATION INSTRUCTIONS

BOCCI

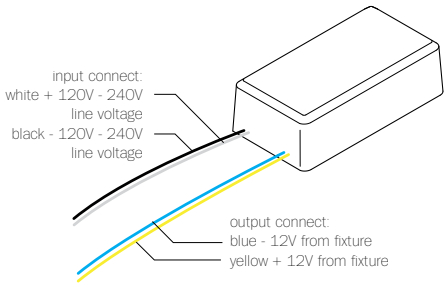
120/240V LED Driver - 4W



B-L03U-12V

PRIMARY:	AC 100 - 240V, 120mA, 50/60Hz
SECONDARY:	Max. 12V DC (4.2w max.)
LAMPING:	1w LED lamps: 1-3 1.5w LED lamps: 1-2 1.8w LED lamps: 1-2 2.3w ring LED lamps: 1
DIMMING:	Non-dimmable
NOTES:	Constant voltage Class 2 power unit For LED lamps only
DIMENSION:	43mm (1.7") x 41mm (1.6") x 22mm (0.8")
DESIGNATION:	E124867 SELV-equivalent ta: 50°C tc: 75°C

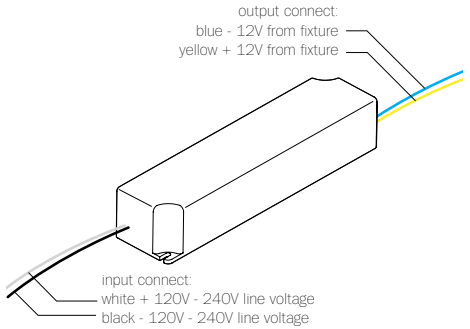
120/240V LED Driver - 8W



B-L07U-12V

PRIMARY:	AC 100 - 240V, 170mA, 50/60Hz
SECONDARY:	Max. 12V DC (8.4w max.)
LAMPING:	1w LED lamps: 1-7 1.5w LED lamps: 1-5 1.8w LED lamps: 1-4 2.3w ring LED lamps: 1-3
DIMMING:	Non-dimmable
NOTES:	Constant voltage Class 2 power unit For LED lamps only
DIMENSION:	65mm (2.5") x 35mm (1.3") x 28mm (1.1")
DESIGNATION:	E124867 SELV-equivalent ta: 50°C tc: 75°C

120/240V LED Driver - 24W



B-L24U-12V

PRIMARY:	AC 100 - 240V, 300mA, 60Hz
SECONDARY:	Max. 12V DC (24w max.)
LAMPING:	1w LED lamps: 1-24 1.5w LED lamps: 1-16 1.8w LED lamps: 1-13 2.3w ring LED lamps: 1-10
DIMMING:	Dimmable using minimum 8 lamps and improves with larger load. Use low voltage electronic dimmers only
NOTES:	Short Circuit Protection Constant voltage Class 2 power unit For LED lamps only
DIMENSION:	42mm (1.7") x 170mm (6.7") x 33mm (1.3")
DESIGNATION:	E124867 SELV-equivalent

LED
Drivers
PRODUCT SPECIFICATION

For additional assistance, please contact Bocci:

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www.bocci.ca

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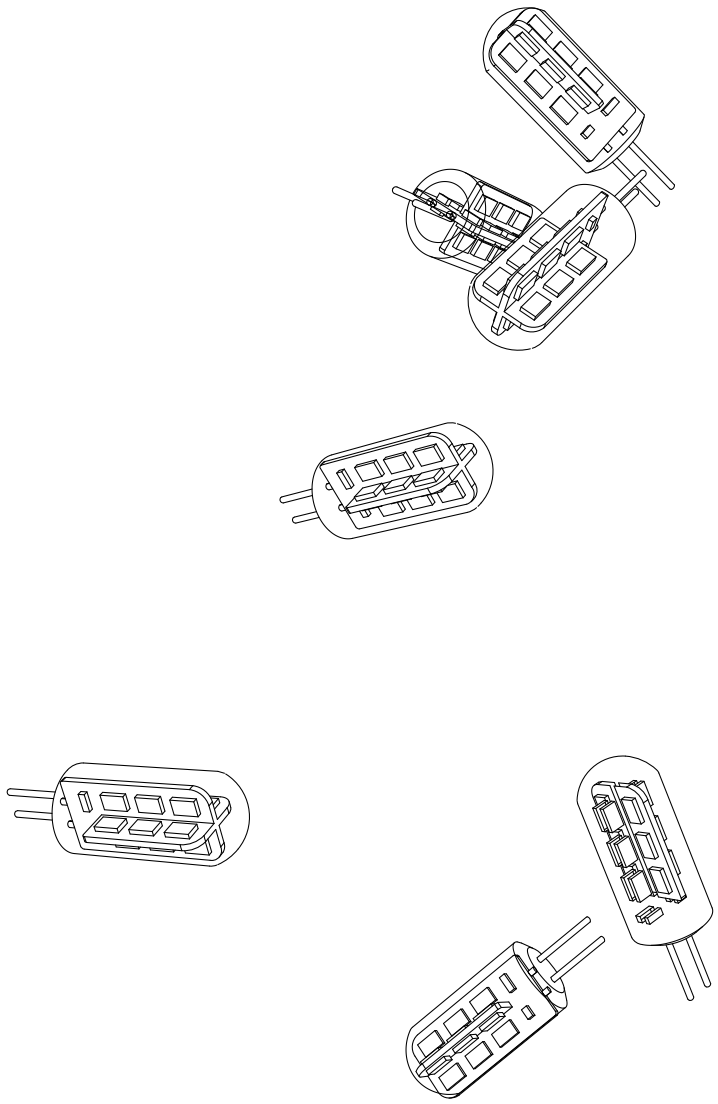

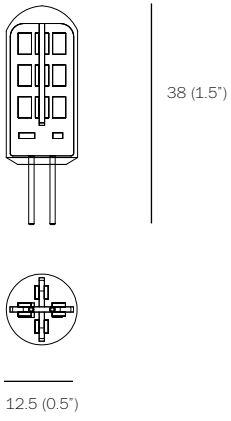

WATTAGE:	1.8w
COLOUR TEMPERATURE:	2600k
CRI:	75 (100 is daylight)
LIGHT OUTPUT:	142 lumens
EFFICIENCY:	60 lm/w
LAMP LIFE:	25,000 hours

DESCRIPTION

The Bocci 1.8w LED lamping option offers a longer-life, energy efficient alternative to typical halogen or xenon lamps. This proprietary and worldwide patent pending design utilizes Bocci's standard G4 lamp holder (9.1mm/0.36" in diameter), which is designed to accept either the Bocci xenon lamp or the Bocci LED lamp. The possibility of dual usage allows the opportunity for existing chandeliers with xenon lamping to be retrofitted on site to LED along with the appropriate driver.

This unique replacement design is unlike typical embedded xenon fixtures as it eliminates the waste associated with catastrophic failures that leave no choice but to replace the entire fixture. When it comes time to relamp, the xenon heads may simply be replaced, as with conventional lamps. Bocci xenon lamp keeps the fixture out of landfills in the future, protects your investment and introduces a significant saving of energy.

NOTES

+ Purchase replacement lamps online at www.bocci.ca/lamps

RoHS CE

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LED

1.8W

Design by Omer Arbel
PRODUCT SPECIFICATION

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