PENDANTS:	sixty-one
CANOPY:	white powder-coated round canopy 707mm (27.8") diameter and 53 (2") deep
LAMPING:	1.8w LED (110w total)
DIMMING:	dimmable - use electronic low voltage dimmer only
CABLE LENGTH:	Up to 3000mm (10') standard. 30550mm (100') custom max.
INSTALLATION:	jack-connected (lengths set during production)
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 130 kg (291 lb)
TRANSFORMERS:	integral

DESCRIPTION

57.61 designates a fixture with sixty-one 57 pendants suspended by a white powder coated 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 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. By virtue of the fabrication process, each piece made is completely unique from any other piece ever produced.

57 is a blown white and clear glass pendant dipped in grey glass which houses a low voltage, replaceable, dimmable and proprietary LED lamp. Individual pendants have a spatial presence on their own, but their strength lies in their ability to cluster them very close together in cloud-like formations.

NOTES

+ Preset lengths may have a variance of +/- 100mm (4")

+ Bocci recommends LED drivers be remote mounted when possible.

+ one LED driver sent for every 12 pendants in remote-mount installations.

+ Requires composition of the semi-rigid coaxial cable.

+ Shortest and longest coax lengths specified by client with 10-20% additional length to be adjusted on site. Drop lengths specified in 10'/3m increments and are cut to length on site with steel cable cutters (cutters not supplied).

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

EU patent # EU 002268581
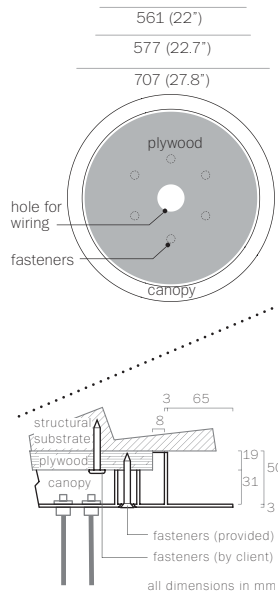Worldwide patents issued and pending.

Made in Vancouver, Canada

Vancouver
sales@bocci.ca
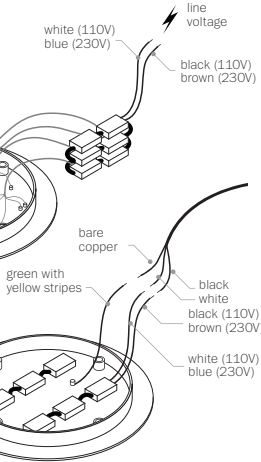www.bocci.ca

Berlin
europe@bocci.ca
www.bocci.ca

53 (2")

3000 (10') standard max.

overall drop provided by client

30550 (100') custom max.

± 165 (6.5")

577 (18.5")

707 (27.8")

approx 130 kg (291 lb)

UL CERTIFIED
SAFETY US·CA
SÉCURITÉ US·CA
E476186
LOW VOLTAGE LUMINAIRE

CE

57.61
PRODUCT SPECIFICATION

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561 (22")
577 (22.7")
707 (27.8")

plywood

hole for
wiring

fasteners

canopy

structural
substrate

3 65
8

plywood

canopy

19
50
31
3

fasteners (provided)
fasteners (by client)

all dimensions in mm

Remote mount

line
voltage

white (110V)
blue (230V)

black (110V)
brown (230V)

bare copper

green with
yellow stripes

black
white
black (110V)
brown (230V)

white (110V)
blue (230V)

Direct mount

mark
location
on ceiling

1

Measure and mark the light
fixture canopy position on the
ceiling.

Note: The client is responsible
for providing a robust 3/4"
(19mm) 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).

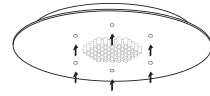Anchor the plywood backing to
the structural ceiling substrate.

2

Connect LED drivers inside
the canopy to line voltage.
Match black wire to the black
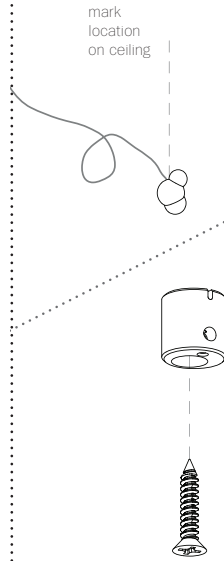wire and white wire to the
white wire.

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 by, accessible and
hidden location for ease
of long term maintenance.
Installation to be done by
certified personnel to ensure
code compliance.

3

Anchor canopy into the
plywood backing using the
fasteners provided.

4

Mark a point directly
above the pendants
desired location and
screw the swag hook
into the ceiling using
the fasteners provided.

Ensure that the ceiling
is sufficiently strong
enough to hold 1.2kg
(3lbs).

5

Insert the end of the
aircraft cable into
the small hole in the
swag hook and tie a
knot in the aircraft
cable at the point at
which you want the
pendant to hang.

Tighten the set
screw until snug,
and turn another
half turn. Give the
aircraft a quick
tug (approximate
the weight of the
pendant) to make
sure the connection
is secure.

The pendant should
be hanging from the
aircraft cable now.

6

If not using a swag
hook, Unthread the
outer sleeve on the
jack connector to
reveal the same
small screw and set
screw set up as the
swag hook. Thread
the aircraft cable
through and tighten
the set screw until
snug, and turn
another half turn.

Thread the outer
sleeve back over
the male jack, and
connect to the
female jack in the
canopy.

7

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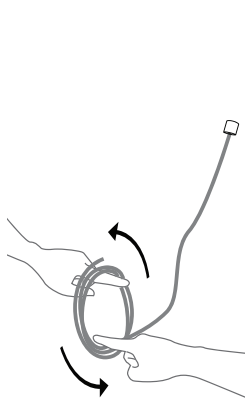turning counter-clockwise
and set aside.

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.

8

Locate end of aircraft cable
(drop lengths are in excess
of specified drops) and
loosen the set screw holding
the aircraft cable into the
hardware. Pull the aircraft
cable through the hole until
the pendant is hanging at the
desired height. Tighten set
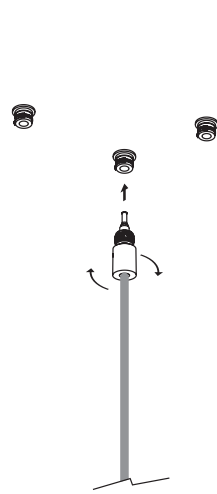screw until snug, and then turn
another 1/4 turn.

Spool remaining aircraft cable
and fit it into the glass cap for
adjustments later.

Repeat steps 1 - 5 until
complete.

57.61 INSTALLATION INSTRUCTIONS
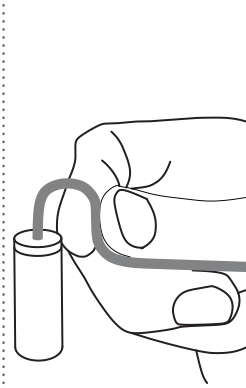
BOCCI

9

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.

10

Each coax length terminates in a "headphone jack" connector, which plugs into a receptacle in the canopy. After plugging in each length, turn the threaded sheathing into place, wiggling back and forth to ensure that it is adequately tightened.

Compose the semi-rigid coax according to the intended design aesthetic.

11

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.
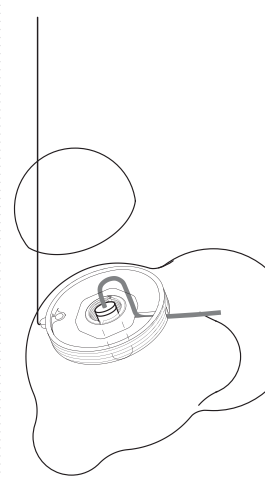
12

Bocci 24.2 1.8w LED lamps included.

Plug the lamp into the socket. Do not touch the lamp with your bare hands.
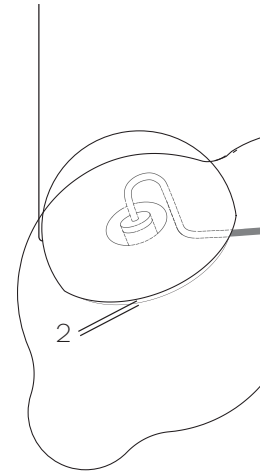
Purchase replacement lamps online at www.bocci.ca/lamps

Note: when using a dimmer, use only low voltage electronic dimmer to ensure the fixture works properly.
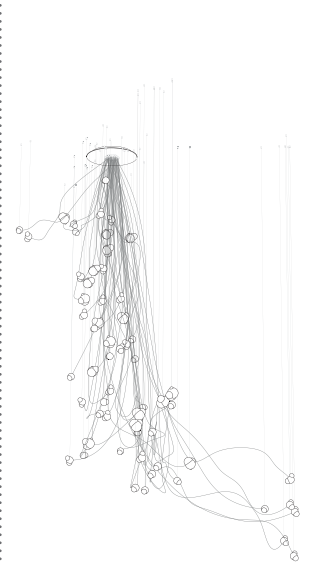
Bocci 24.2 LED

13

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.

14

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.

2

15

Clean fingerprints from glass surfaces.

Turn fixture on.

*

For additional assistance, please contact Bocci:

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www.bocci.ca

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57.61 INSTALLATION INSTRUCTIONS

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