

CLUSTER

57.3

PRODUCT SPECIFICATION



PENDANTS: three

CANOPY: white powder-coated round canopy 152mm (6") diameter and 32 (1.3") deep with a clustered configuration of pendants.

LAMPING: 1.8w LED (6w total)

DIMMING: not dimmable

CABLE LENGTH: Up to 9000mm (30') standard. 30550mm (100') custom max.

INSTALLATION: strain relief (pendant height site adjustable)

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 5 kg (11 lb)

TRANSFORMERS: integral

#### DESCRIPTION

57.3 designates a fixture with three 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

- + Bocci recommends LED drivers be remote mounted when possible.
- + one LED driver sent for every 12 pendants in remote-mount installations.
- + LED is not dimmable with less than 10 pendants
- + Requires composition of the semi-rigid coaxial cable.
- + Aircraft cable lengths are adjustable on site - 3000mm (10') is the standard maximum. 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](http://www.bocci.ca/lamps)

EU patent # EU 002268581

Worldwide patents issued and pending.

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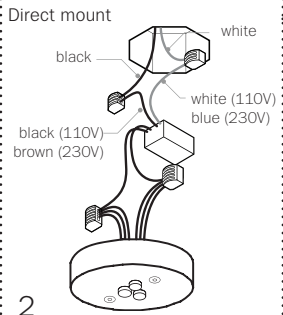
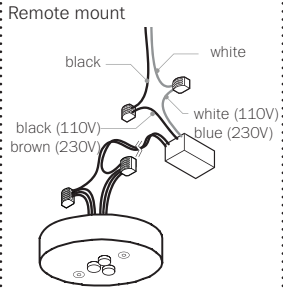


1

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



152 (6")



2

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

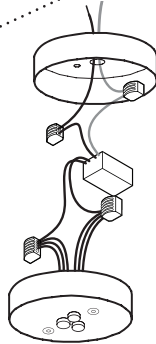
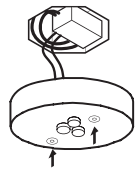
For the ground connection, connect the green wire with yellow stripe to the bare copper wire or green wire in the junction box.

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

Tuck the transformer and wiring into the junction box, if available. If junction box is not available, use the back plate to enclose the wiring and transformer into the fixture.

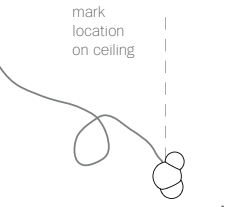
Mount canopy directly to junction box with fasteners provided or affix directly to structural ceiling surface.



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).

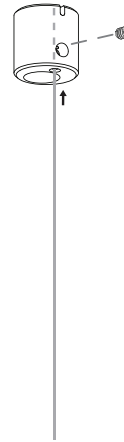


5

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.

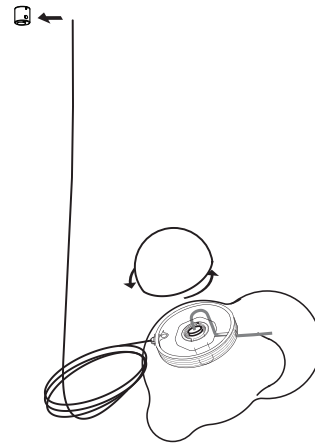
The pendant should be hanging from the aircraft cable now.



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.

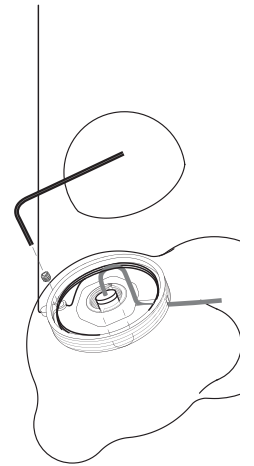


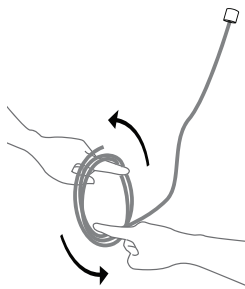
8

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.

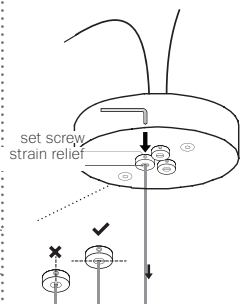
Repeat steps 1 - 5 until complete.





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

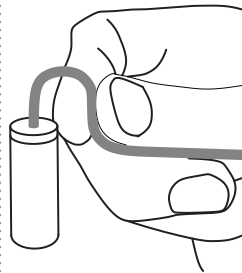
To thread the coaxial cables through the canopy, use the Allen key provided to loosen the setscrew in the canopy and gently feed the cable through the canopy until you have reached your desired drop length. Use Allen key to tighten the setscrew to hold the strain relief to secure the coaxial cable at its new length.

- DO NOT OVERTIGHTEN.

Thread the remaining coaxial cables through the canopy in the same manner.

Note: The strain relief is a black plastic collar around the coaxial cable. There is a single slot opening on the side of the strain relief component. It is essential that this opening is oriented at 90 degrees to set screw chamber. There can be no contact between the set screw and the cable.

- RISK OF ELECTRIC SHORT!



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.



Boccì 24.2 LED

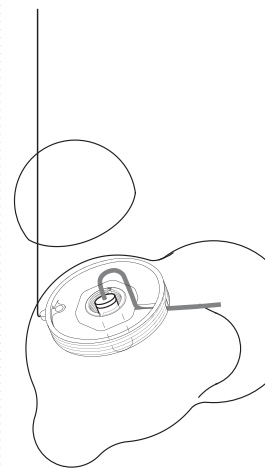
12

Boccì 24.2 1.8w LED lamps included.

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

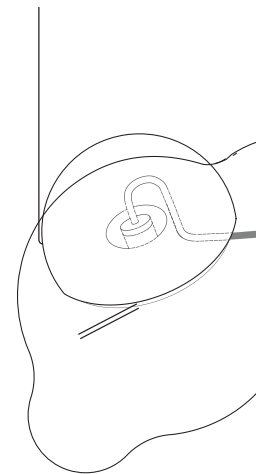
Purchase replacement lamps online at [www.bocci.ca/lamps](http://www.bocci.ca/lamps)

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



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.



15

Clean fingerprints from glass surfaces.

Turn fixture on.

\*

For additional assistance, please contact Bocci:

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EU patent #EU 002268581

Made in Vancouver, Canada



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INSTALLATION INSTRUCTIONS