21

Thin porcelain sheets are draped over an inverted diffuser made of sandblasted borosilicate glass. The thin porcelain skin is allowed to dress the borosilicate core in whatever form occurs naturally in each iteration of the procedure.

Designed by Omer Arbel, 2007
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21

Lamping

1.8w LED or 20w xenon

Material

porcelain, blown borosilicate glass, braided metal coaxial cable, electrical components, brushed nickel or white powder coated canopy

Patent

US patent # US D556,361
Worldwide patents issued and pending

CE

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E476186

Designed by Omer Arbel, 2007
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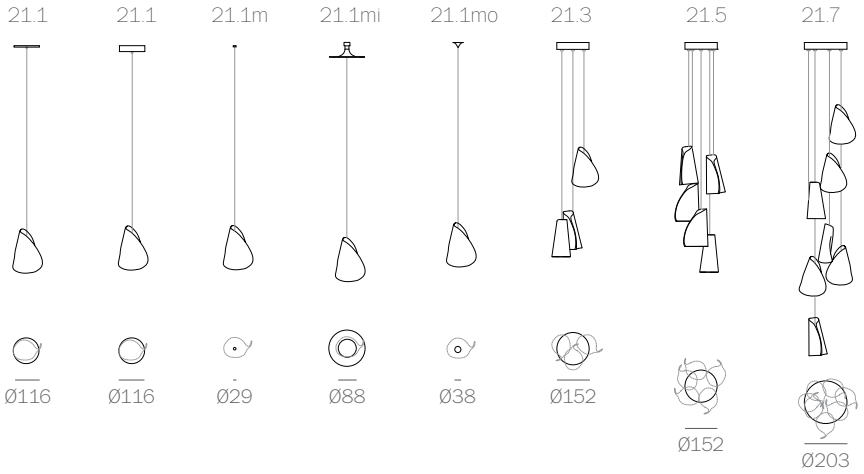
Any inquiries should be directed to: info@bocci.ca

21

Adjustable Lengths

Random canopies.

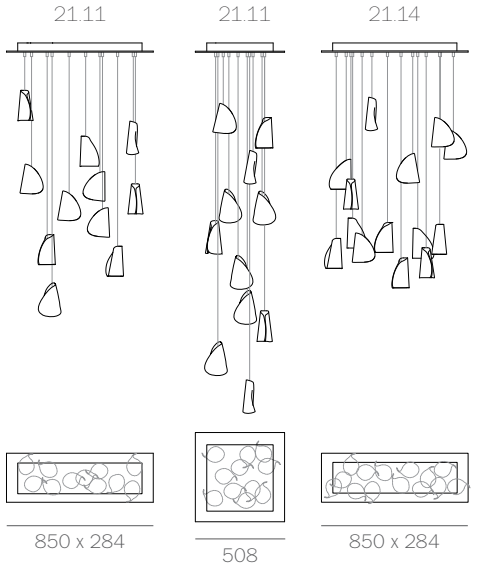


adjustable up to 3000 (10') standard

adjustable up to 30500 (100') custom

Fixed Lengths

Random canopies.

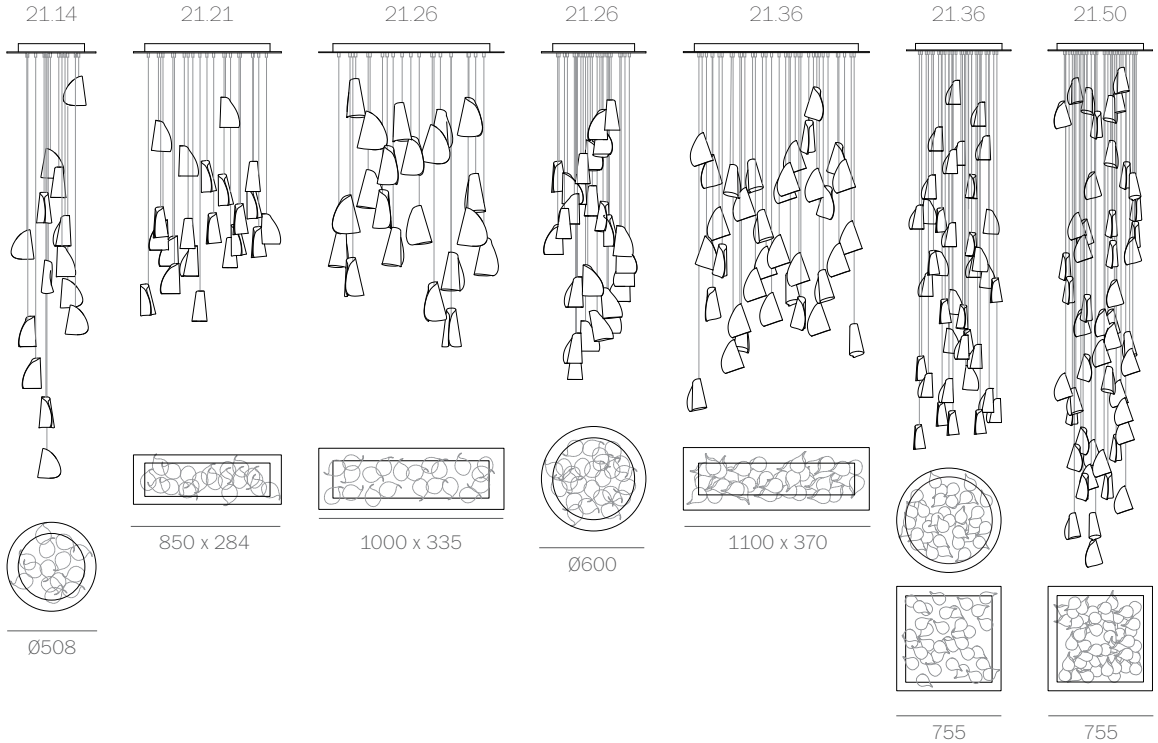


fixed length up to 3000 (10') standard

fixed length up to 30500 (100') custom

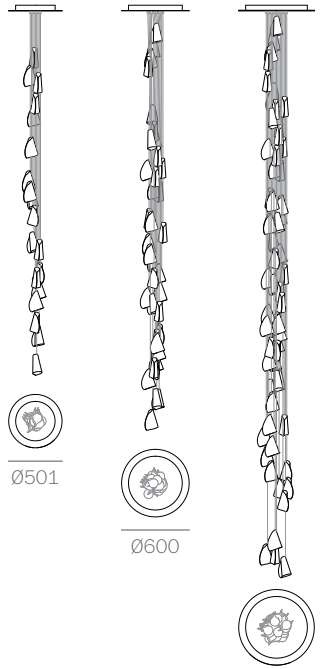
Fixed Lengths

Random canopies.



Fixed Lengths

Cluster canopies.



fixed length up to 3000 (10') standard

fixed length up to 30500 (100') custom

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21

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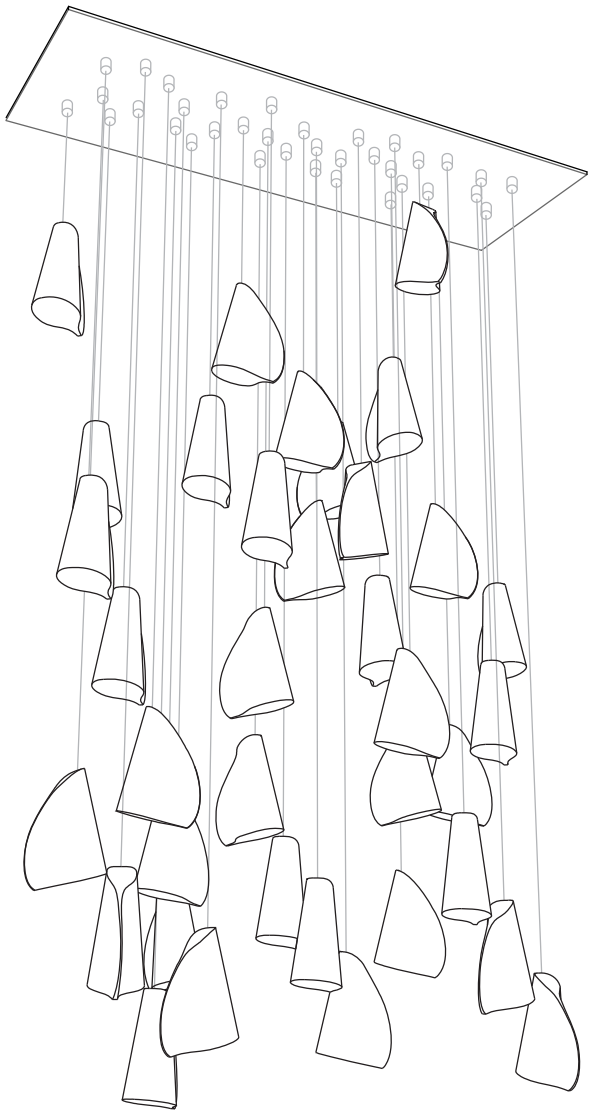

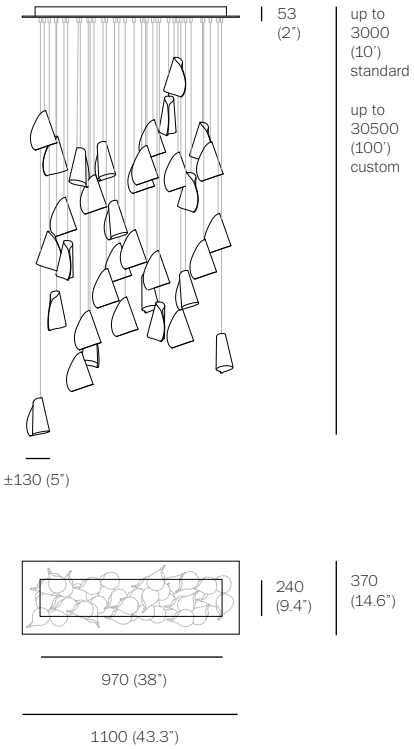

approx 28.4kg (62.6lb)

PENDANTS:	thirty-six
MOUNTING:	white powder coated rectangular canopy 1100mm (43.3") x 370mm (14.6") x 53mm (2") deep
LAMPING:	1.8w LED or 20w xenon
COAX:	fixed lengths. 3000mm (10') standard / up to 30500mm (100') maximum
MATERIALS:	porcelain, borosilicate glass, braided metal coaxial cable, electrical components, white powder coated canopy
WEIGHT:	approximately 28.4kg (62.6lb)
TRANSFORMERS:	integral

DESCRIPTION

21.36 is a random configuration of thirty-six 21 pendants hung from a rectangular canopy. The drop lengths of the pendants are randomized between a client specified range of heights to variously cluster and scatter. The result is an ambient installation or field of light.

Inspired by the sporadic, discordant arrangement of barnacles on a rock surface, the 21 is fabricated from thin sheets of porcelain wrapped around a trumpet shaped borosilicate diffuser. Each diffuser houses a low voltage lamp. A strong contrast is established between the organically distributed soft light passing through the white porcelain skin and the sharp, crisp light passing through the borosilicate glass diffuser.

NOTES

+ Purchase replacement lamps online at www.bocci.ca/lamps
+ Unless otherwise noted when ordering, all chandeliers will be outfitted to be xenon compatible.
+ As an alternative to built-in transformers, Bocci recommends mounting transformers remotely in an easily accessible and hidden location for ease of long-term maintenance.

US patent # US D556,361
Worldwide patents issued and pending.

Made in Vancouver, Canada

LOW VOLTAGE LUMINAIRE
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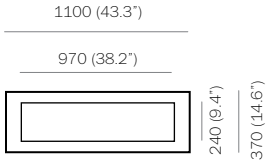
RECTANGLE

21.36

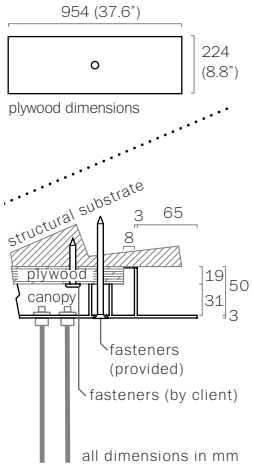
Design by Omer Arbel
PRODUCT SPECIFICATION

BOCCI



1

Measure and mark the light fixture canopy position on the ceiling



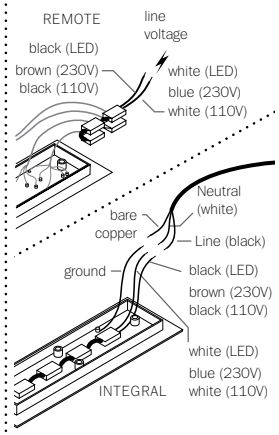
2

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

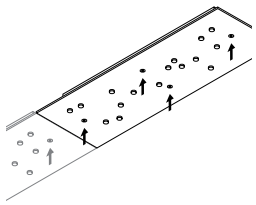
Connect transformers inside the canopy to line voltage.

Xenon (110V) or LED: connect the black wire to black and white wire to white wire.

Xenon (230V): connect black wire to brown wire and white wire to blue wire.

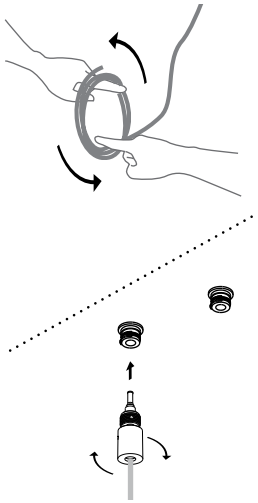
For the ground connection, connect the green wire with yellow stripe to the bare copper wire or green wire in the junction box.

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 ensure compliance with the code.



4

Anchor canopy into the plywood backing using the fasteners provided.

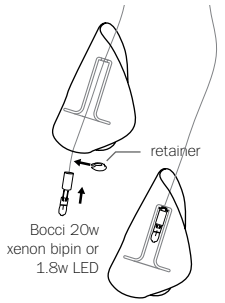


5

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.

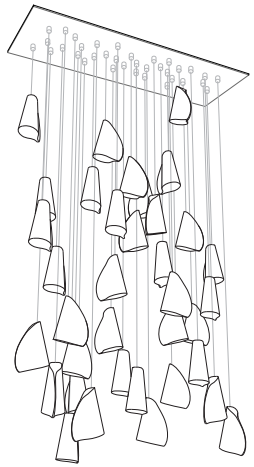


6

Thread the coaxial cable through the shade, followed by the borosilicate diffuser and finally slide on the retainer.

Bocci 1.8w LED or 20w xenon lamps are included. Lamping is transformer specific.

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



7

Clean fingerprints from glass surfaces.

Turn fixture on.

For additional assistance, please contact Bocci:

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US patent # US D556,361

Worldwide patents issued and pending.

Made in Vancouver, Canada

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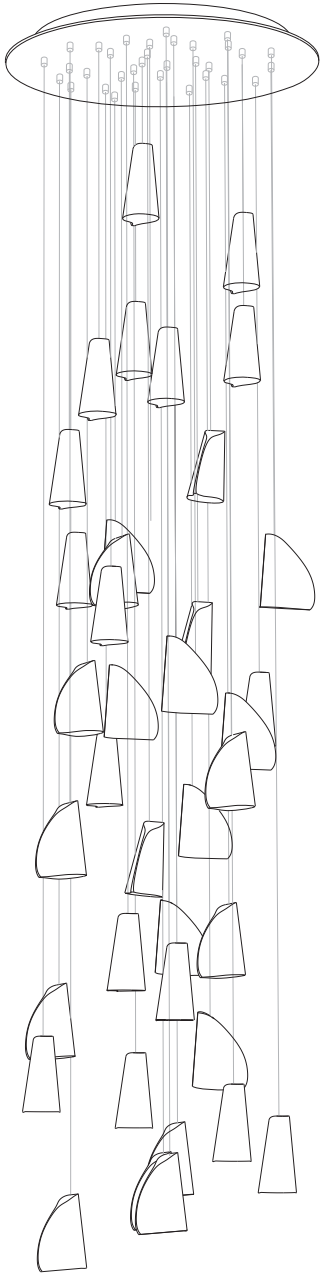
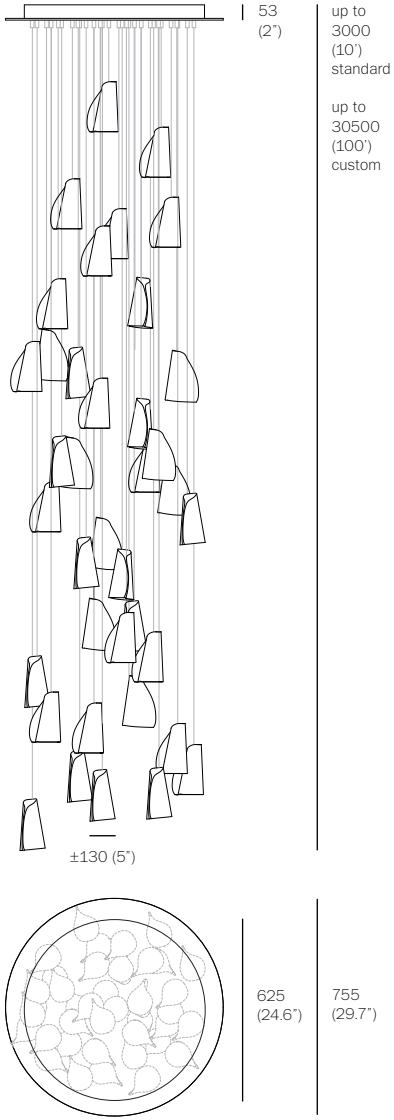
RECTANGLE

21.36

Design by Omer Arbel
PRODUCT INSTALLATION INSTRUCTIONS

BOCCI





approx 28kg (61.7lb)

PENDANTS:	thirty-six
MOUNTING:	white powder coated round canopy 755mm (29.7") in diameter x 53mm (2") deep
LAMPING:	1.8w LED or 20w xenon
COAX:	fixed lengths. 3000mm (10') standard / up to 30500mm (100') maximum
MATERIALS:	porcelain, borosilicate glass, braided metal coaxial cable, electrical components, white powder coated canopy
WEIGHT:	approximately 28kg (61.7lb)
TRANSFORMERS:	integral

DESCRIPTION

21.36 is a random configuration of thirty-six 21 pendants hung from a round canopy. The drop lengths of the pendants are randomized between a client specified range of heights to variously cluster and scatter. The result is an ambient installation or field of light.

Inspired by the sporadic, discordant arrangement of barnacles on a rock surface, the 21 is fabricated from thin sheets of porcelain wrapped around a trumpet shaped borosilicate diffuser. Each diffuser houses a low voltage lamp. A strong contrast is established between the organically distributed soft light passing through the white porcelain skin and the sharp, crisp light passing through the borosilicate glass diffuser.

NOTES

+ Purchase replacement lamps online at www.bocci.ca/lamps
+ Unless otherwise noted when ordering, all chandeliers will be outfitted to be xenon compatible.
+ As an alternative to built-in transformers, Bocci recommends mounting transformers remotely in an easily accessible and hidden location for ease of long-term maintenance.

US patent # US D556,361
Worldwide patents issued and pending.

Made in Vancouver, Canada

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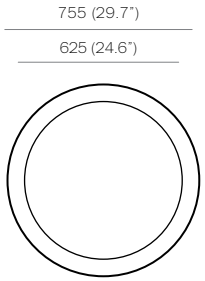
ROUND

21.36

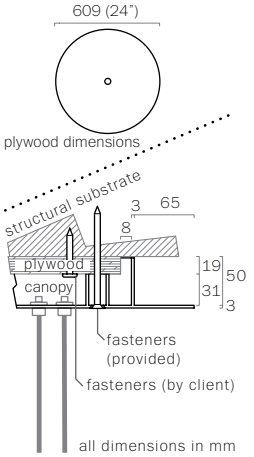
Design by Omer Arbel
PRODUCT SPECIFICATION

BOCCI



1

Measure and mark the light fixture canopy position on the ceiling



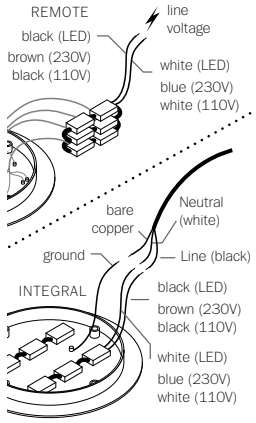
2

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

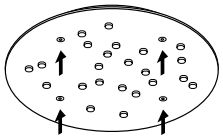
Connect transformers inside the canopy to line voltage.

Xenon (110V) or LED: connect the black wire to black and white wire to white wire.

Xenon (230V): connect black wire to brown wire and white wire to blue wire.

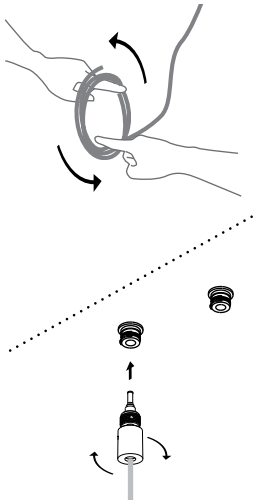
For the ground connection, connect the green wire with yellow stripe to the bare copper wire or green wire in the junction box.

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 ensure compliance with the code.



4

Anchor canopy into the plywood backing using the fasteners provided.

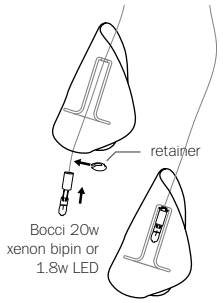


5

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.

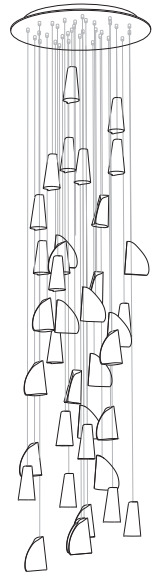


6

Thread the coaxial cable through the shade, followed by the borosilicate diffuser and finally slide on the retainer.

Bocci 1.8w LED or 20w xenon lamps are included. Lamping is transformer specific.

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



7

Clean fingerprints from glass surfaces.

Turn fixture on.

For additional assistance, please contact Bocci:

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US patent # US D556,361

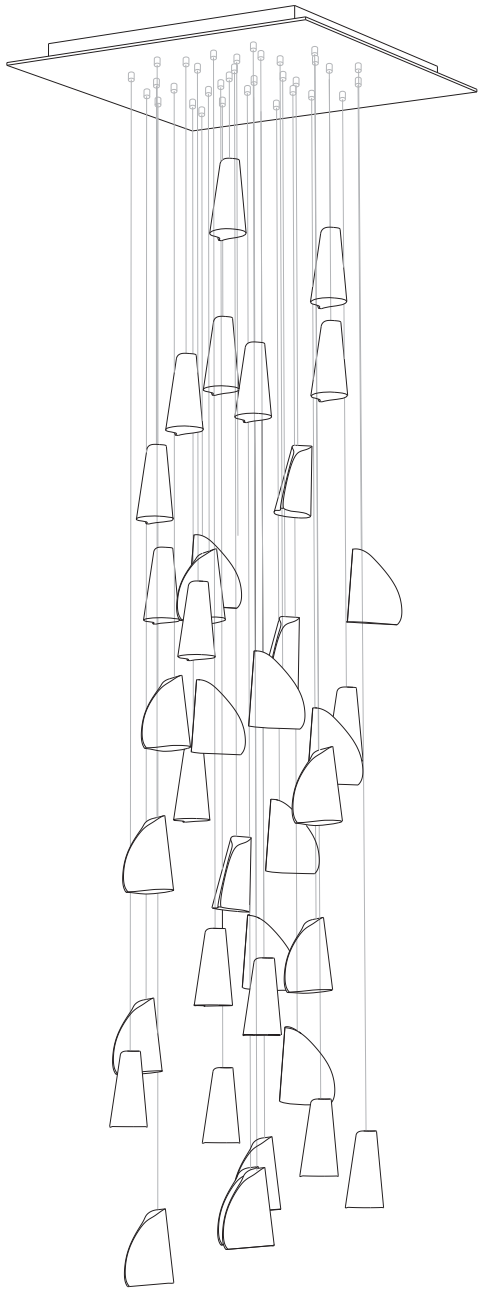
Worldwide patents issued and pending.

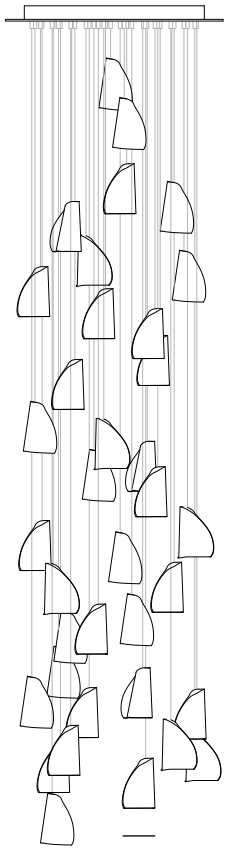
Made in Vancouver, Canada

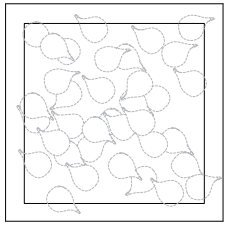
LOW VOLTAGE LUMINAIRE
E476186

ROUND
21.36
Design by Omer Arbel
PRODUCT INSTALLATION INSTRUCTIONS

BOCCI







approx 32.5kg (71.7lb)

PENDANTS:	thirty-six
MOUNTING:	white powder coated square canopy 755mm (29.7") x 53mm (2") deep
LAMPING:	1.8w LED or 20w xenon
COAX:	fixed lengths. 3000mm (10') standard / up to 30500mm (100') maximum
MATERIALS:	porcelain, borosilicate glass, braided metal coaxial cable, electrical components, white powder coated canopy
WEIGHT:	approximately 32.5kg (71.7lb)
TRANSFORMERS:	integral

DESCRIPTION

21.36 is a random configuration of thirty-six 21 pendants hung from a square canopy. The drop lengths of the pendants are randomized between a client specified range of heights to variously cluster and scatter. The result is an ambient installation or field of light.

Inspired by the sporadic, discordant arrangement of barnacles on a rock surface, the 21 is fabricated from thin sheets of porcelain wrapped around a trumpet shaped borosilicate diffuser. Each diffuser houses a low voltage lamp. A strong contrast is established between the organically distributed soft light passing through the white porcelain skin and the sharp, crisp light passing through the borosilicate glass diffuser.

NOTES

+ Purchase replacement lamps online at www.bocci.ca/lamps
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Worldwide patents issued and pending.

Made in Vancouver, Canada

LOW VOLTAGE LUMINAIRE
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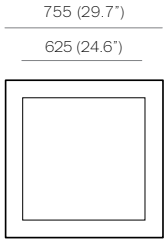
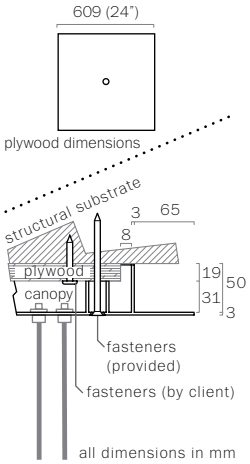
SQUARE
21.36
Design by Omer Arbel
PRODUCT SPECIFICATION

BOCCI



1

Measure and mark the light fixture canopy position on the ceiling



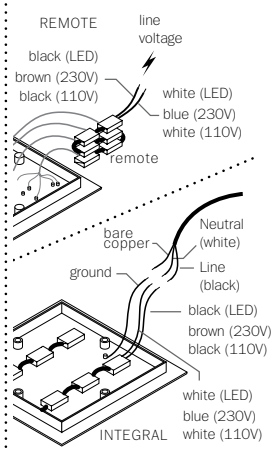
2

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

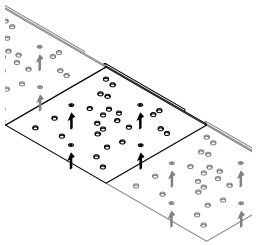
Connect transformers inside the canopy to line voltage.

Xenon (110V) or LED: connect the black wire to black and white wire to white wire.

Xenon (230V): connect black wire to brown wire and white wire to blue wire.

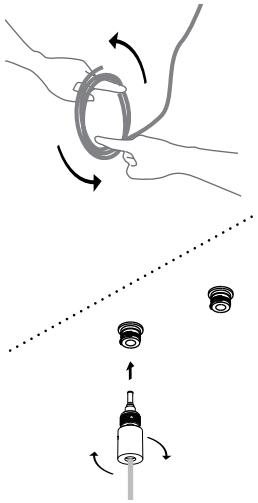
For the ground connection, connect the green wire with yellow stripe to the bare copper wire or green wire in the junction box.

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 ensure compliance with the code.



4

Anchor canopy into the plywood backing using the fasteners provided.

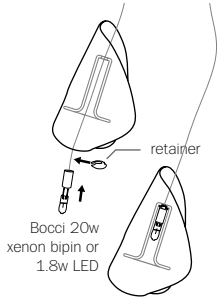


5

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.

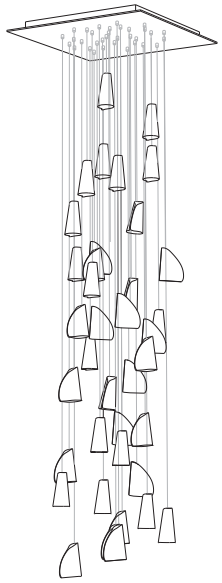


6

Thread the coaxial cable through the shade, followed by the borosilicate diffuser and finally slide on the retainer.

Bocci 1.8w LED or 20w xenon lamps are included. Lamping is transformer specific.

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



7

Clean fingerprints from glass surfaces.

Turn fixture on.

For additional assistance, please contact Bocci:

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US patent # US D556,361

Worldwide patents issued and pending.

Made in Vancouver, Canada

LOW VOLTAGE LUMINAIRE
E476186

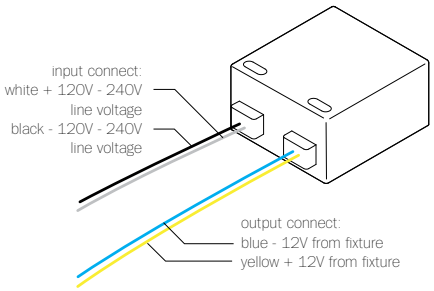
SQUARE

21.36

Design by Omer Arbel
PRODUCT INSTALLATION INSTRUCTIONS

BOCCI

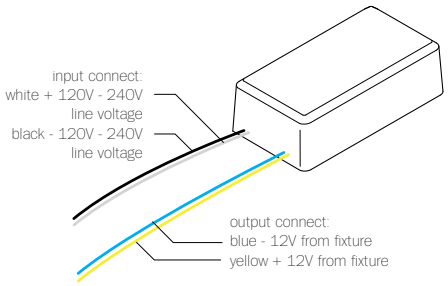
120/240V LED Driver - 4W



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

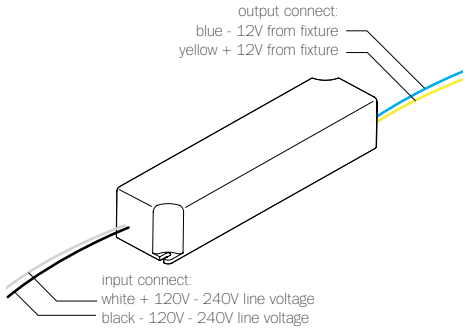
120/240V LED Driver - 8W



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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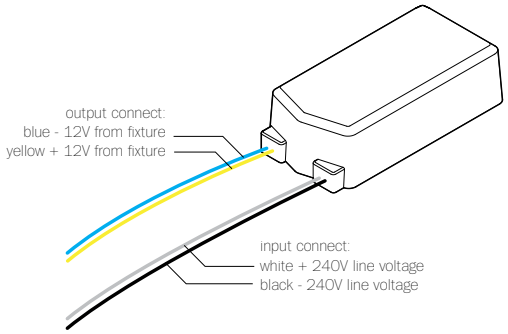
BOCCI

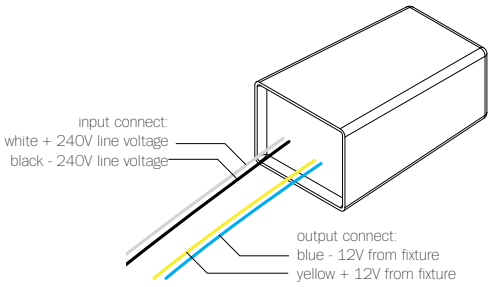
120V Transformer



WH-601E6A-3C

PRIMARY:	AC 120V 50/60Hz, 500mA
SECONDARY:	12V AC (10w min. - 60w max.)
LAMPING:	10w lamps: 1-6 20w lamps: 1-3
DIMMING:	Dimmable using minimum 2 x 10w lamps or 1 x 20w lamp using low voltage electronic and trailing edge dimmers only.
NOTES:	Auto stop protected Class 2 power unit Electronic transformer for xenon lamps only
DIMENSION:	70mm (2.8") x 36mm (1.4") x 20mm (0.75")
DESIGNATION:	60 WATT, c UL us E124867

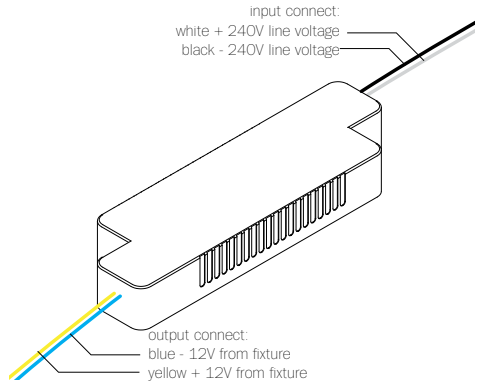
240V Transformer



WH-602W

PRIMARY:	AC 230V-240V 50Hz, 260mA
SECONDARY:	11.5V AC (10w min. - 60w max.)
LAMPING:	10w lamps: 1-6 20w lamps: 1-3
DIMMING:	Dimmable using minimum 2 x 10w lamps or 1 x 20w lamp using low voltage electronic and trailing edge dimmers only.
NOTES:	Auto stop protected Class 2 power unit Electronic transformer for xenon lamps only
DIMENSION:	63mm (2.5") x 35mm (1.4") x 26mm (1")
DESIGNATION:	60 WATT, CE, IP65, ta: 50°C tc: 80°C

240V Transformer



WH-602S

PRIMARY:	AC 230V-240V 50Hz, 260mA
SECONDARY:	11.5V AC (10w min. - 60w max.)
LAMPING:	10w lamps: 1-6 20w lamps: 1-3
DIMMING:	Dimmable using minimum 2 x 10w lamps or 1 x 20w lamp using low voltage electronic and trailing edge dimmers only.
NOTES:	Auto stop protected Class 2 power unit Electronic transformer for xenon lamps only
DIMENSION:	117mm (4.5") x 36mm (1.4") x 16mm (0.6")
DESIGNATION:	60 WATT, CE

XENON

Transformers

PRODUCT SPECIFICATION

For additional assistance, please contact Bocci:

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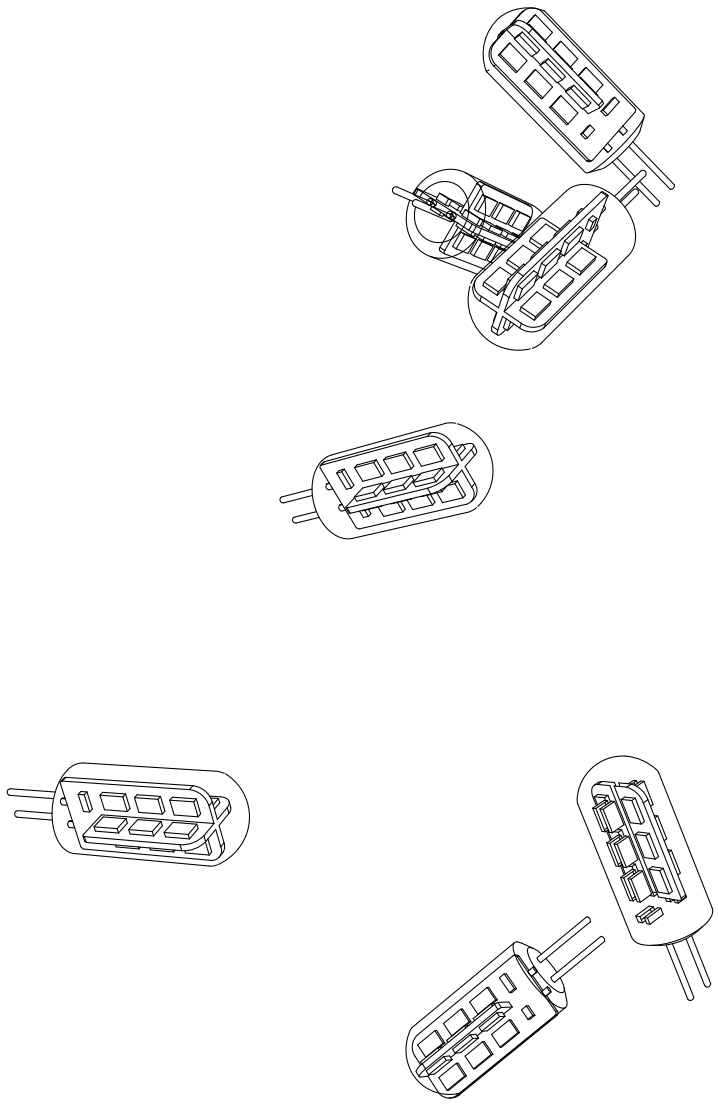

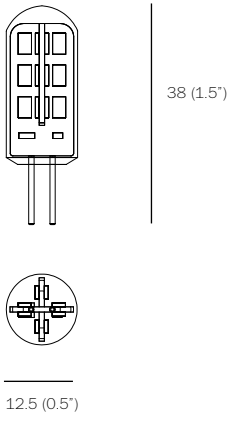

WATTAGE:	1.8w
COLOUR TEMPERATURE:	2600k
CRI:	75 (100 is daylight)
LIGHT OUTPUT:	142 lumens
EFFICIENCY:	60 lm/w
LAMP LIFE:	25,000 hours

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

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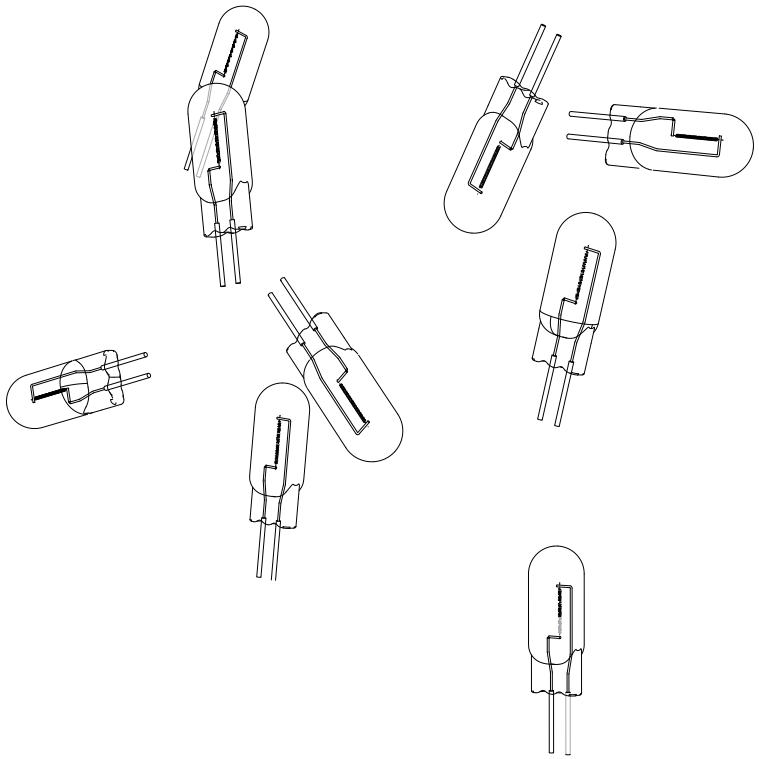
LED

1.8W

Design by Omer Arbel
PRODUCT SPECIFICATION

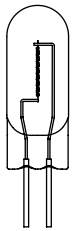
BOCCI



XENON

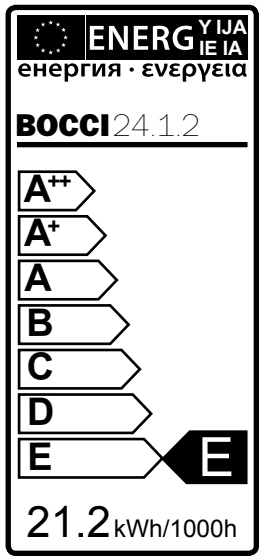
20W

Design by Omer Arbel
PRODUCT SPECIFICATION



32.3 (1.3")

9.1 (0.36")



WATTAGE:	20w
COLOUR TEMPERATURE:	2600k
CRI:	100 (100 is daylight)
LIGHT OUTPUT:	196 lumens
EFFICIENCY:	19.03 lm/w
DIMMABLE:	yes
LAMP LIFE:	20,000 hours

DESCRIPTION

The Bocci 20w xenon 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
+ Requires electronic low-voltage, trailing edge dimmer
+ When replacing, do not touch bulb with bare hands

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BOCCI