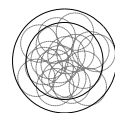


53  
(2')

up to 3000  
(10')  
standard

up to 9900  
(32')  
custom

±165 (6.5')



371 (14.6')

501 (20')

approx 49.5kg (109lb)

PENDANTS: nineteen

MOUNTING: white powder coated round canopy 501mm (20') in diameter x 53mm (2') deep

LAMPING: 1.5w LED or 20w xenon

CABLE: fixed lengths. 3000mm (10') standard / up to 9900mm (32') maximum

MATERIALS: blown glass, flexible copper tubing, electrical components, copper hardware, white powder coated canopy

WEIGHT: approximately 49.5kg (109lb)

POWER SUPPLIES: integral

## DESCRIPTION

28.19c is a cluster configuration of nineteen 28 pendants hung from a round canopy. The cluster designation in this configuration refers to the tight spacing of the copper jack connectors at the canopy, and not the composition of the pendants, which are random lengths. The result is an ambient installation or field of light.

28 is an exploration of specificity in manufacturing. Instead of designing form itself, here the intent was to design a system of making that yields form. Individual 28 pendants result from a complex glass blowing technique whereby air pressure is intermittently introduced into and then removed from a glass matrix which is intermittently heated and then rapidly cooled. The result is a distorted spherical shape with a composed collection of imploded inner shapes, one of which acts as a shade for the light source.

The 28 copper series provides a different compositional reading that results from shaping the copper tubing during installation. Pendants can be angled in any direction to provide a range of sculptural forms. The copper will weather and tarnish, registering the passage of time in its patina.

Standard 28s are made with clear glass exterior spheres and milk white interior lamp holder cavities. 28s are possible with infinite versatility in colour compositions, sizes and shapes.

## NOTES

- + Purchase replacement lamps online at [www.bocci.com/shop/bulbs](http://www.bocci.com/shop/bulbs)
- + Unless otherwise noted when ordering, all fixtures will be outfitted to be xenon compatible
- + Preset lengths may have a variance of +/- 50mm (2')
- + As an alternative to a built-in power supply, Bocci recommends mounting Power supplies remotely in an easily accessible and hidden location for ease of long-term maintenance.

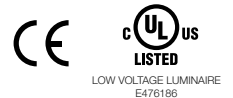
US Patent # D687,740

EU Patent # 001695834-001 to 004

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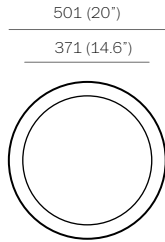
CLUSTER

# 28.19c

PRODUCT SPECIFICATION

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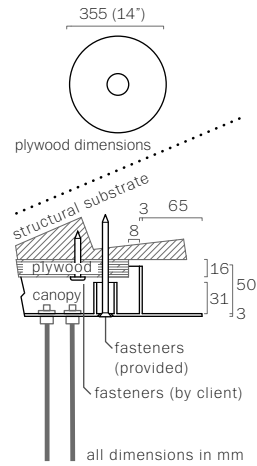


1

Note: All connections and power supplies are tested by our technicians before shipping. However, it is possible for ports/ power supplies to come loose or damage during shipping.

Test each port before installing canopy to ceiling to catch any loose connections or faulty power supplies.

Measure and mark the light fixture canopy position on the ceiling



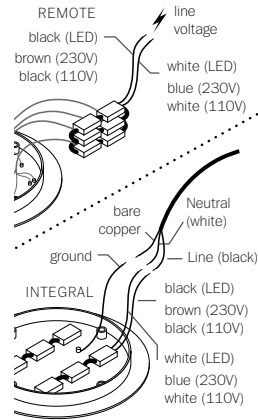
2

Note: The client is responsible for providing a robust 16mm (5/8") 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

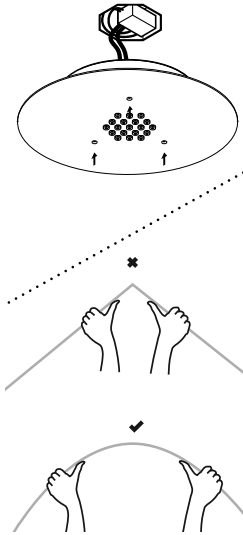
Connect power supplies to line voltage.

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: Bocci strongly recommends mounting power supplies 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

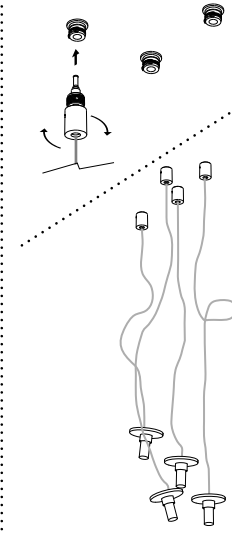
Anchor canopy into the plywood backing using the fasteners provided.

Turn power to fixture on.

Separate the copper tubes according to length.

Very carefully uncoil the copper tube with both hands to avoid kinking.

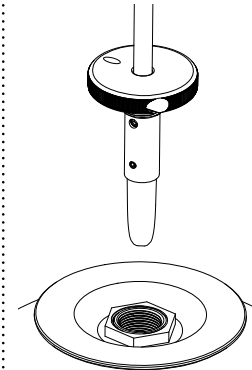
Note: be very careful not to overbend the copper tubes as it will leave a permanent kink that can not be removed.



5

Each copper length terminates in a "headphone jack" type connector, which plugs into a receiving receptacle in the canopy. After plugging in each pendant, turn the threaded sheath into place by hand ensuring that it is adequately tightened. Tools are not required.

Compose the copper tubing according to the intended design aesthetic.

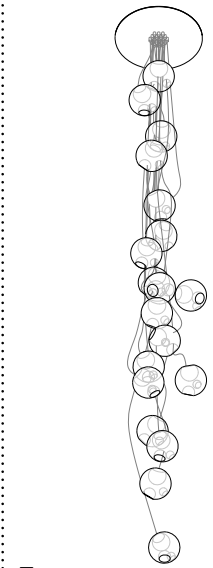


6

Plug the lamp into the socket. Check that each lamp is working properly as you go along by keeping power on.

Thread the pendant on.

Note: Once the pendant is added, it will pull the copper downwards. The pendant will try to hang directly below the canopy as the copper is not rigid enough for long horizontal compositions without the addition of swag hooks.



7

Clean fingerprints from surfaces.

For additional assistance, please contact Bocci:

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US Patent # D687,740  
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CLUSTER  
28.19c

PRODUCT INSTALLATION INSTRUCTIONS

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