



Artemide®

Ripple

by Bjarke Ingels Group

Ripple

BIG - Bjarke Ingles Group
↪ 2019

This suspension system shapes the qualities of space through molecular growth, combining light and sound absorption.

Comprised of circular structures in three different diameters, it works through layers of performance that can be modulated as required.

The structures can be simple electrical connection elements, unveil "pure" light or be enriched by a diffuser which, in addition to interacting with the light, offers sound absorption properties.

The basic element of the product is a circular ring whose profile is a synthesis of optics and mechanical engineering.

Once again, Artemide's project with BIG is guided by a strong idea of interaction with spaces, an open, modular and scalable solution that combines technological innovation with compositional intelligence, translating all this into something apparently simple but striking and full of potential.

This freedom of configuration is then mirrored by the flexibility in management granted by interaction with Artemide App.



For further information on Ripple
↪ visit [artemide.net](https://www.artemide.net)





Green Pea, Turin



Ripple 500
50W



Ripple 700
50W



Ripple 900
50W



Ripple Cluster
89W



1530

1530





Molecular growth

It is a suspension system that models the qualities of space according to a molecular growth, combining light and sound absorption.



Ripple can grow from the light and sound measured parameters and their relationship with space.

Once again, Artemide's project with BIG is guided by a strong idea of interaction with spaces, an open, modular and scalable solution that combines technological innovation with compositional intelligence, translating them into something apparently elementary but scenographic and full of potential.



University office in Milan





01 Structure

02 Light engine

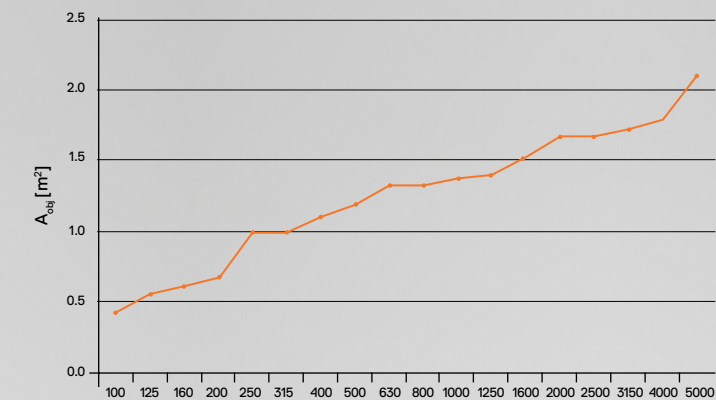
03 Diffuser with
acoustic absorption



Acoustic Quality



The bare structural ring of Ripple allows the distribution of sound-absorbing modules in space and the fullest possible exploitation of their potential, leaving the sound-absorbing surfaces as exposed as possible. The reciprocal position of the sound-absorbing elements is every bit as important as their number.



Frequency[Hz]	T ₁ [s]	T ₂ [s]	A _{obj} [m²]
500	5.30	3.61	1.2
630	5.21	3.46	1.3
800	5.00	3.36	1.3
1000	4.67	3.17	1.4
1250	4.36	3.00	1.4
1600	3.78	2.65	1.5
2000	3.18	2.28	1.7

Acoustic comfort is the psychophysical condition of well-being in which we find ourselves when we are surrounded by sound, in relation to the activity we are performing. A place's acoustic quality is determined by reverberation time, space and the sound-absorbing, reflective and distribution properties of the surfaces that cover it. Aobj (m2) is the equivalent acoustic absorption value of an object at different sound frequencies necessary to calculate the reverberation time of a space.



Giuntini Headquarters, Pisa

Ripple

Materials:

aluminum, technopolymer

Colours:

White

Color Temperature: 3000 K

Cri=90

Certification:



Ripple 50:

Dimensions: ø500 mm x 30mm

Dimmable 0-10V

Total Power: 20W

Delivered Lumens: 1707lm

Dimmable 2-Wire

Total Power: 17W

Delivered Lumens: 1354lm

Ripple 70:

Dimensions:: ø700 mm x 30mm

Dimmable 0-10V

Total Power: 29W

Delivered Lumens: 2566lm

Dimmable 2-Wire

Total Power: 25W

Delivered Lumens: 2105lm

Ripple 90:

Dimensions:: ø900 mm x 30mm

Dimmable 0-10V

Total Power: 38W

Delivered Lumens: 3309lm

Dimmable 2-Wire

Total Power: 36W

Delivered Lumens: 2775lm

Ripple Cluster:

Dimensions:: 1350 mm x 1530mm x 30 mm

Dimmable 0-10V

Total Power: 89W

Delivered Lumens: 5510lm

Accessories

Acoustic Diffuse Ø500mm

Acoustic Diffuse Ø500mm

Acoustic Diffuse Ø500mm

Acoustic Diffuse Ø700mm

Acoustic Diffuse Ø700mm

Acoustic Diffuse Ø700mm

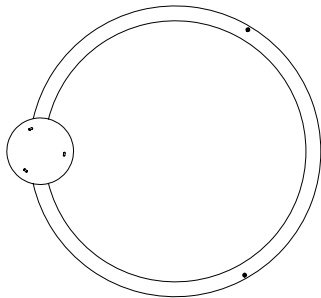
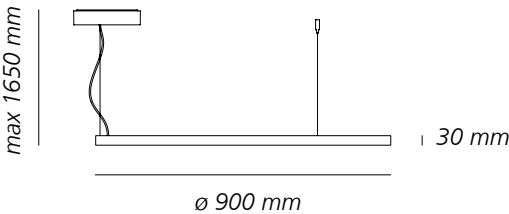
Acoustic Diffuse Ø900mm

Acoustic Diffuse Ø900mm

Acoustic Diffuse Ø900mm

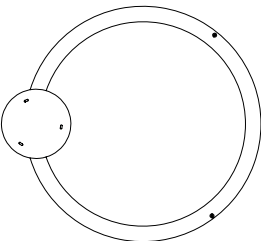
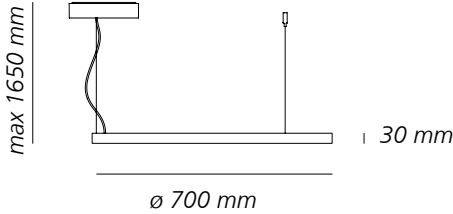
Ripple 90

ø 205 mm



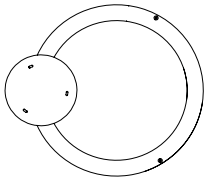
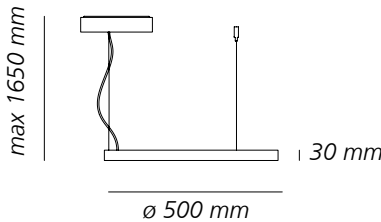
Ripple 70

ø 205 mm

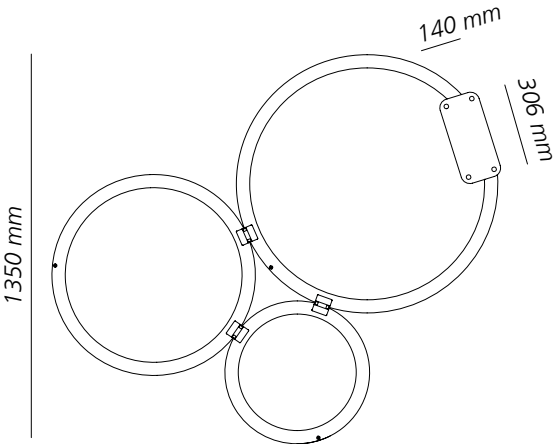
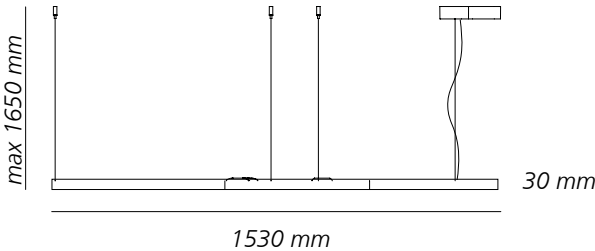


Ripple 50

ø 205 mm



Ripple Cluster





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