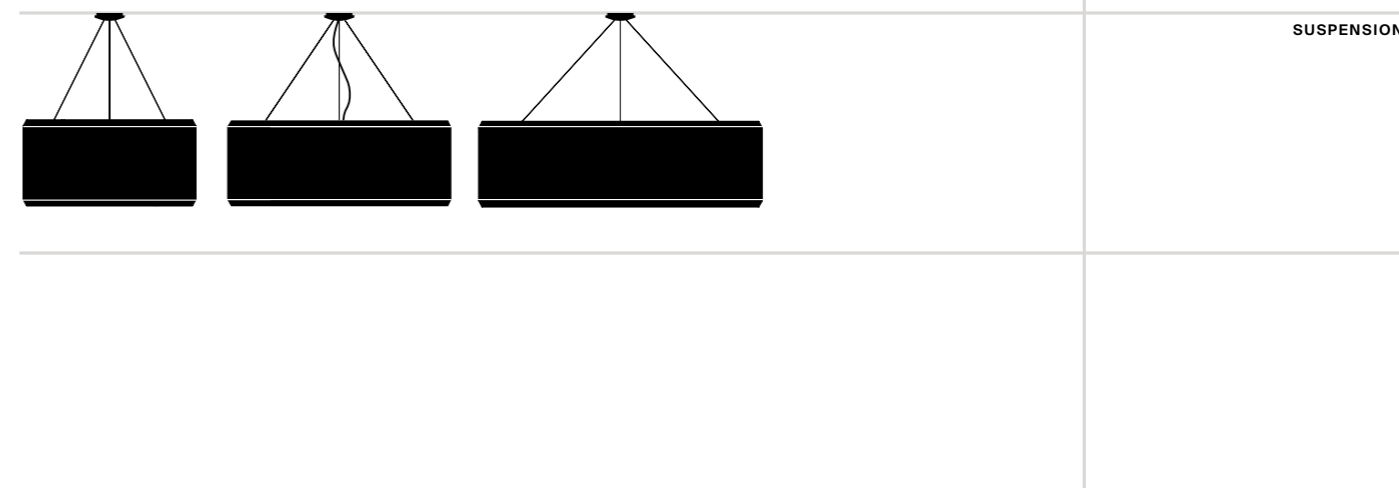


Monica Armani

Silenzio
Acoustic Solution



Silenzio



Monica Armani, 2013

EN Quality lighting combined with acoustic comfort and the beauty of fabrics, for this family of suspension lamps. A lighting system that matches decor solutions with high levels of sound absorption, for public and private spaces.

IT La qualità della luce si accompagna al comfort acustico e alla bellezza dei tessuti nella nuova famiglia di sospensioni. Si tratta di un sistema d'illuminazione che abbina soluzioni di arredo ad elevate prestazioni di fonoassorbimento per spazi pubblici e privati.

DE Qualität des Lichts, akustischer Komfort und Schönheit des Gewebes für die neue Familie von Pendelleuchten. Ein Beleuchtungssystem, das Design und Komfort mit hohem Schallschluckvermögen für öffentliche und private Räume kombiniert.

FR Avec cette nouvelle famille de suspensions, la qualité de la lumière se conjugue au confort acoustique et à la beauté des tissus. Il s'agit d'un système d'éclairage qui associe des solutions déco à des prestations d'absorption phonique d'une extrême qualité pour les espaces publics et privés.

ES La calidad de la luz va acompañada de la comodidad acústica y de la belleza de los tejidos en la nueva familia de lámparas de suspensión. Se trata de un sistema de iluminación que combina soluciones decorativas con altas prestaciones de fonoabsorción para espacios públicos y privados.



1 Model of application

restaurant

Location analysis

the quality of a restaurant is a combination of different factors: quality of food, service and environment and a good quality of speech combined with acoustic comfort.

Solution

the Silenzio suspensions are the perfect solution because they are simple shapes which enrich the spaces thanks to the high quality of the textiles; they diffuse a comfortable light and provide high levels of acoustic absorption.

2 Room data

L = 15 m
W = 7 m
H = 5,5 m

Different height from 2,5 mt to 2,9 mt AFF

Lighting source used

LED module 45W

Fixtures installation

5 x Silenzio Ø 90 cm
9 x Silenzio Ø 120 cm

Illuminance average

Table (min) 180 lx
Table (max) 452 lx

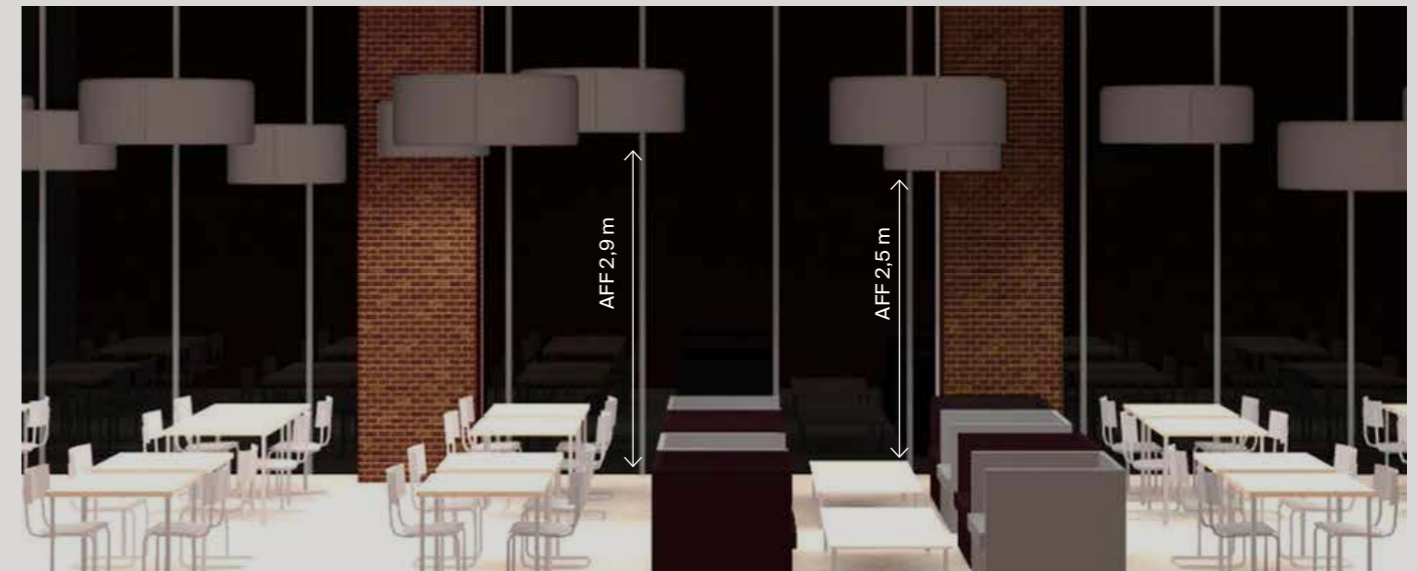
3 Before

time of reverberation* 3,16 s

After

(with Silenzio) time of reverberation 1,55 s
Decrease of reverberation: about 51%**

Measuring reverberation time allows to calculate total sound absorption. Reverberation time varies according to the frequency. If reverberation time is too long, the space can have echoes and rumbles. The data is always approximate: the software doesn't take in consideration the position of the speaker and the position of absorbent surfaces.





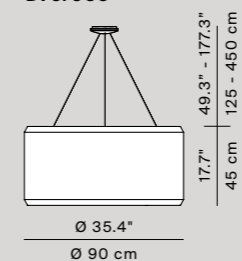
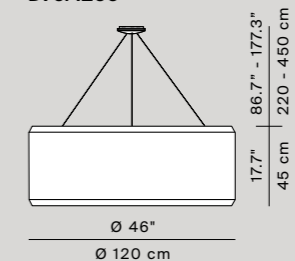
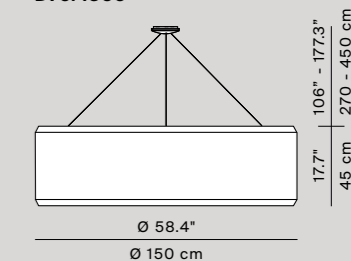
D79

Silenzio

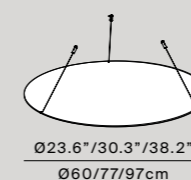
D79/90c
weight 17,0 Kg
dimmable push/DALI

D79/120c
weight 22,0 Kg
dimmable push/DALI

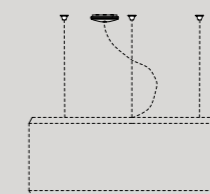
D79/150c
weight 29,0 Kg
dimmable push/DALI

D79/90c**D79/120c****D79/150c****Accessoires**

D79R/07
bottom screen



D79R/09
suspension kit

**Light source****D79R/03**

3 x LED E27

A++ / A+ / A

3 x max 105 HSGSA E27 energy saver

D

3 x 23/27W FB E27

A

D79R/10

LED module 45W* 3000K

A++

D79R/11

LED module 45W* 2700K

A++

Materials

Aluminium and steel structure and textile

Structure finishes

White

Textiles**Standard colours**
Possible color schemes available upon request, for customized solutions

Green 412 912 942 **Blue** 733 743 753

Green/beige 223 923 **Pink/lilac/blue** 682 722 852

Orange 443 543 653 **Grey** 123

Insulation class

* Power consumption by device