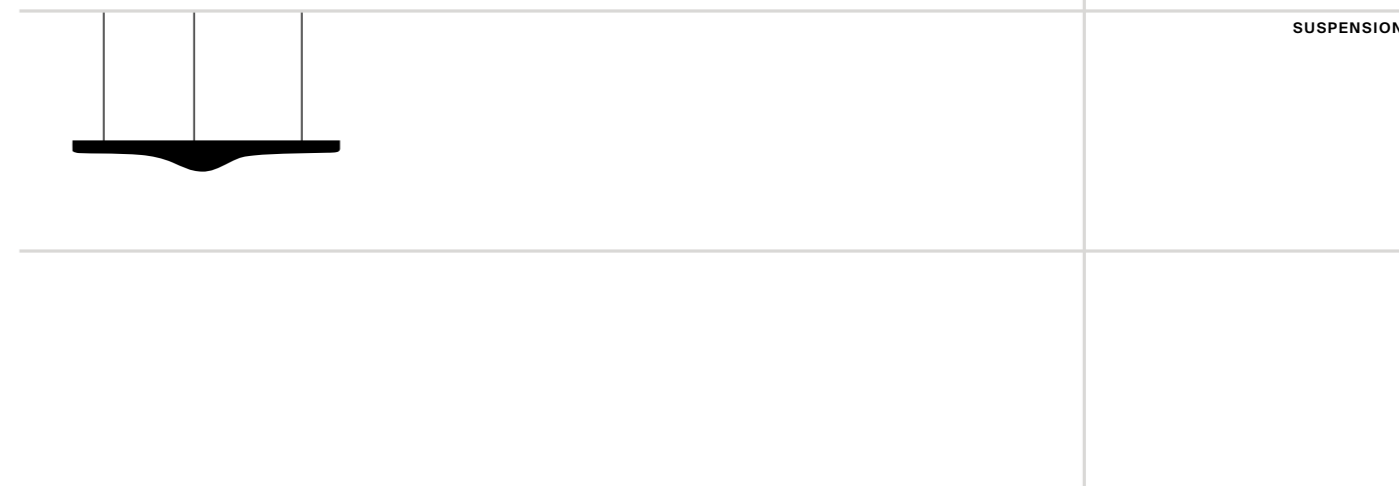


Studio Odile Decq

Pétale
Acoustic Solution



Pétale



SUSPENSION

Studio Odile Decq, 2012

EN A suspension lamp with an organic form that conceals the magic of silence: the body consists of a sound-absorbing panel covered in white fabric, to improve acoustic comfort in any space. Available in three sizes.

IT Una lampada a sospensione dalla forma organica che cela dentro di sé la magia del silenzio: il corpo lampada, rivestito con un tessuto bianco, è costituito da un pannello fonoassorbente che consente di migliorare il comfort acustico all'interno dello spazio. Disponibile in tre dimensioni.

DE Eine Pendelleuchte, deren organische Form den Zauber der Stille in sich verbirgt: Der Lampenkörper mit seiner weißen textilen Bespannung besteht aus schallschluckendem Material, das es ermöglicht, den akustischen Komfort innerhalb des Raumes zu verbessern. Erhältlich in drei Versionen.

FR Une lampe à suspension à la forme organique qui recèle toute la magie du silence : le corps de la lampe, revêtu d'un tissu blanc, est constitué d'un panneau phono-absorbant qui permet d'améliorer le confort acoustique à l'intérieur de l'espace. Disponible en trois dimensions.

ES Una lámpara de suspensión con una forma orgánica que encierra dentro de sí la magia del silencio: el cuerpo de la lámpara, revestido con un tejido blanco, está compuesto por un panel fonoabsorbente que permite mejorar el confort acústico en el interior del espacio. Disponible en tres tamaños.



1 Model of application

office

Location analysis

a pleasant workspace must guarantee a perfect balance between correct, uniform lighting of workspaces and a comfortable acoustic "situation" in which the noise produced inside the space is reduced to a minimum level.

Solution

Pétale suspensions combine the technology of a fiberglass panel that absorbs the sound waves reflected by the room's surfaces with an integrated high-performance lighting module. The result is a comfortable lightscape and a pleasing acoustic sensation.

2 Room data

L = 6 m
W = 6 m
H = 4 m

Fixtures installation

1 fixture every
2 workspace AFF 2,1 m

Lighting source used

LED module 45W
Ledstrip 17W

Illuminance average

Workspaces 304 lx

3 Before

Time of reverberation* 2,35 s

After

(+ 2 Pétale D71P)
Time of reverberation 1,86 s
Decrease of reverberation
about 21%**

* 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.



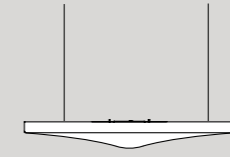


D71

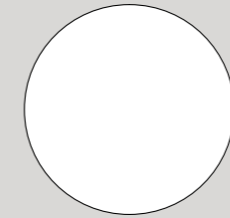
Pétale

D71CL
weight 13,0 Kg
D71PL
weight 14,10 Kg
D71PIL
weight 16,50 Kg

D71CL

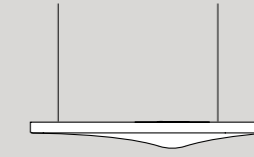


2.3" | min 8" - max 118"
6 cm | min 20 - max 300 cm

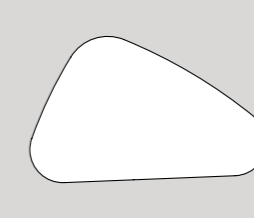


47.3" | 120 cm

D71PL

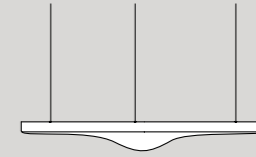


2.3" | min 8" - max 118"
6 cm | min 20 - max 300 cm

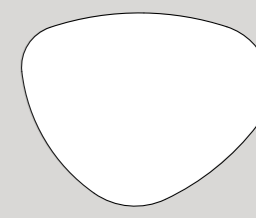


32.7" | 83 cm

D71PIL



2.3" | min 8" - max 118"
6 cm | min 20 - max 300 cm

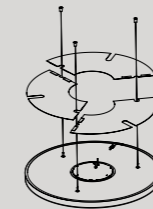


47.2" | 120 cm

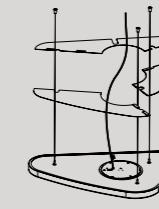
TECHNICAL DATA

Accessoires cover

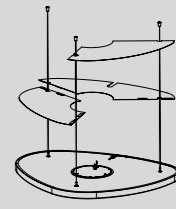
D71/OAC for D71CL



D71/OAP for D71PL



D71/OAP1 for D71PIL



Light source

D71PL

LED 45W* 3000K push/DALI + 17W LED strip

EEL

D71CL

LED 45W* 3000K push/DALI + 18W LED strip

A++

D71PIL

LED 45W* 3000K push/DALI + 21W LED strip

A++

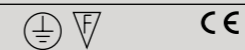
Materials

Aluminium structure and textile

Structure finishes

○ White

Insulation class



* Power consumption by device