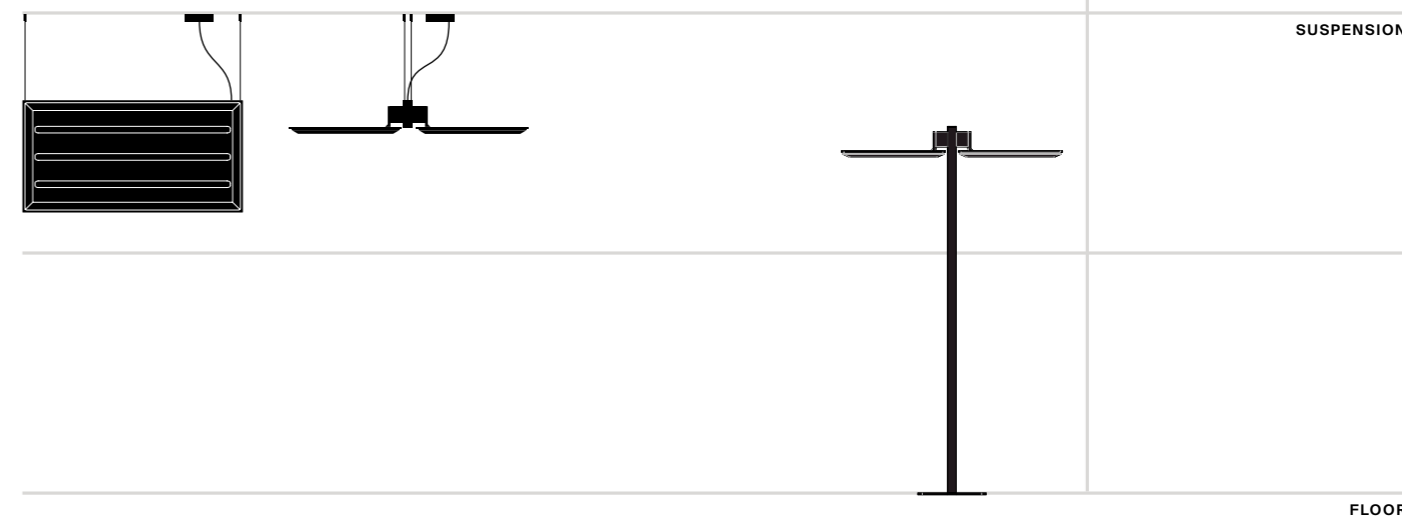


Monica Armani

Diade
Acoustic Solution



Diade



Monica Armani, 2016

EN A partition, a ceiling, that surprisingly becomes light. The Diade suspensions are technical lighting solutions that offer high levels of sound absorbing performance. A linear LED lamp for the workplace; a modular architectural feature capable of defining space and personalizing the context. The technical LED lighting, ideal for work, is directly downward and upwards by the central line, with the possibility of two beams, depending on lighting requirements. The acoustic panels can be positioned vertically or horizontally by means of an accessory.

IT Una quinta, un plafone che sorprendentemente diventano luce. Le sospensioni Diade sono soluzioni illuminotecniche che offrono al contempo elevate prestazioni di fono assorbimento. Una lampada a LED lineare dedicata ai luoghi di lavoro; un elemento architettonico modulare capace di definire lo spazio e personalizzare l'ambiente. La luce tecnica a LED, ideale per il lavoro, viene diretta verso il basso e verso l'alto dalla linea centrale, con possibilità di due ottiche a seconda delle esigenze. I due pannelli fonoassorbenti possono essere montati verticali o orizzontali mediante un apposito accessorio.

DE Eine Trennung und eine Deckenleuchte, die überraschend zu Licht werden. Die Diade-Hängeleuchten sind Lichtlösungen, die zugleich eine gute Schallabsorption bieten. Diese lineare LED-Leuchte eignet sich hervorragend für Arbeitsbereiche. Dieses modulare, architektonische Element ist in der Lage, den Raum zu definieren und das Ambiente zu personalisieren. Das technische LED-Licht ist ideal für die Arbeit, wird von der Mittellinie nach unten sowie nach oben gerichtet und bietet je nach Bedarf die Möglichkeit von zwei Lichtleitern. Die beiden schallabsorbierenden Paneele können durch entsprechendes Zubehör horizontal oder vertikal montiert werden.

FR Une coulisse, un plafond qui deviennent étonnamment lumière. Les suspensions Diade sont des solutions d'éclairage qui offrent à la fois des prestations élevées d'absorption acoustique. Une lampe à LED linéaire dédiée aux lieux de travail; un élément architectural modulaire en mesure de définir l'espace et de personnaliser l'environnement. Idéale pour le travail, la lumière technique à LED est dirigée vers le bas et vers le haut de la ligne centrale, avec possibilité de deux optiques selon les exigences. Les deux panneaux insonorisants peuvent être montés verticalement ou horizontalement à l'aide d'un accessoire prévu à cet effet.

ES Una lámpara de pared, un plafón que sorprendentemente se transforman en luz. Las suspensiones Diade son soluciones luminotécnicas que ofrecen al mismo tiempo elevadas prestaciones de absorción acústica. Una lámpara de LED lineal dedicada a los lugares de trabajo; un elemento arquitectónico modular capaz de definir el espacio y personalizar el ambiente. La luz técnica de LED, ideal para el trabajo, se orienta hacia abajo y hacia arriba de la línea central, con posibilidad de dos ópticas según las exigencias. Los dos paneles insonorizantes pueden montarse en vertical u horizontal con un accesorio específico.



1 Model of application

call center

Location analysis

A workspace where several people speaking need physical isolation to be concentrated, sensible control of sound propagation + effective control of light too.

Solution

Diade is a perfect solution that brings the sound control where needed, guarantying pleasant light and anti-glare effect on working areas.

2 Room data

L = 15 m
W = 10 m
H = 4 m

Fixtures installation

1 x Diade every 4 positions
2.4 m from the ground

Lighting source used

LED module 29W (uplight)
LED module 54W (downlight)

Illuminance average

Post (average value) 480 lx

3 Before

Time of reverberation* 2,27 s

After

(+ 12 Diade)

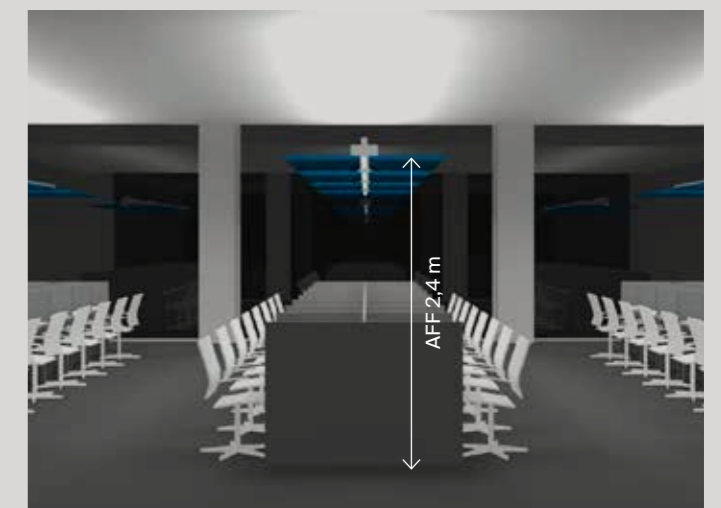
Time of reverberation 1,33 s

Decrease of reverberation

about 41%**

* 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.





- EN** Created above all for the workplace, Diade can now be positioned anywhere in the space, to adapt to the shifting configurations of the office as it evolves in time.
- IT** Pensata soprattutto per il workplace, Diade diventa ora collocabile in qualsiasi punto dell'ambiente per adattarsi a diverse configurazioni dell'ufficio che mutano nel tempo.
- DE** Diade wurde speziell für den Arbeitsplatz entwickelt und kann jetzt an beliebiger Stelle im Raum aufgestellt werden, um sich an verschiedene Bürokonfigurationen anzupassen, die sich mit der Zeit ändern.
- FR** Conçu spécialement pour le lieu de travail, Diade peut désormais être placé n'importe où dans la pièce pour s'adapter à différentes configurations de bureau qui changent avec le temps.
- ES** Diseñado especialmente para el lugar de trabajo, Diade ahora se puede colocar en cualquier lugar de la sala para adaptarse a diferentes configuraciones de oficina que cambian con el tiempo.

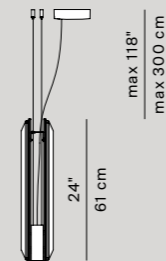
D93

Diade

Vertical version
Panels 120 cm
 weight 12,0 Kg
Panels 180 cm
 weight 18,0 Kg

dimnable
 push/DALI

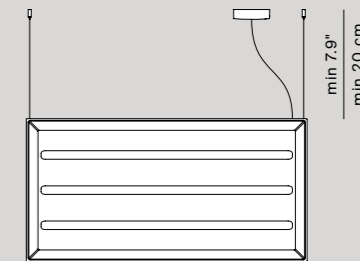
1.4"
 3.6 cm



5.5"
 14 cm

max 118"
 max 300 cm

24"
 61 cm

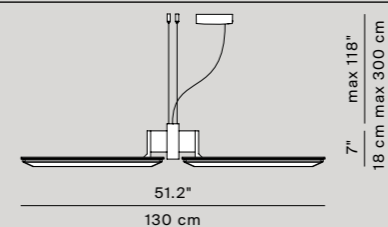


min 7.9"
 min 20 cm

47.2" / 70.8"
 120 / 180 cm

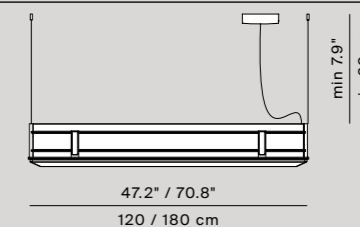
Horizontal version
Panels 120 cm
 weight 12,0 Kg
Panels 180 cm
 weight 18,0 Kg

dimnable
 push/DALI



51.2"
 130 cm

7"
 18 cm max 300 cm



min 7.9"
 min 20 cm

47.2" / 70.8"
 120 / 180 cm

D93/5 - D93/7
 Kit 4 supports (120 cm)
 or 6 supports (180 cm)
 positioning vertical panels



D93/6 - D93/8
 Kit 4 supports (120 cm)
 or 6 supports (180 cm)
 positioning horizontal panels

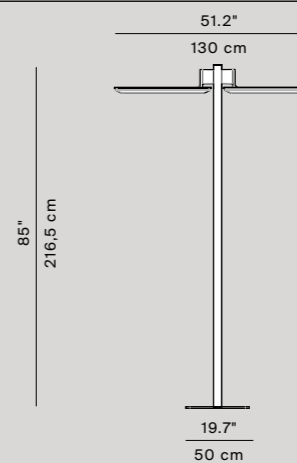


D93T
 dimmable
 on board



49"
 123 cm

23.6"
 60 cm



51.2"
 130 cm


19.7"
 50 cm

85"
 216.5 cm



EEL

Light source	D93SDDC / D93SDIC D93SFC / D9TFIC	(direct version) LED 54W* 3000K, (direct/indirect version) 54W* + 29W* 3000K direct with anti-glare optics (UGR < 19) / indirect version 54W* + 29W* 3000K	A++ A++
	D93SDDL / D93SDIL D93SFIL	(direct version) LED 80W* 3000K, (direct/indirect) version 80W* + 46W* 3000K direct with anti-glare optics (UGR < 19) / indirect version 80W* + 46W* 3000K	A++ A++

Materials Lamp body in aluminium, sound absorbing panel in molded PET

Structure finishes  Natural grey aluminium

Panel finishes  White / blue  White / black  White / beige

Insulation class  

* Power consumption by device