

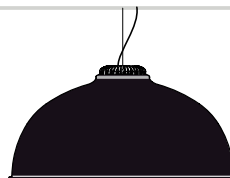
Luceplan

Farel

Diego Sferrazza



SUSPENSION



Diego Sferrazza, 2018

EN Farel introduces for the first time in the Luceplan catalogue, an iconic dome structure, a neutral geometric form proposed in sound-absorbing thermoformed material with outer fabric cladding. The lamp can be personalized thanks to a combination of colors of the shade, ranging through cool, warm and neutral tones for the outside, combined with dark or pale hues for the inside. Farel is a lamp with very low environmental impact. The fabric covering the outside of the shade is made with 100% recycled yarns. Luceplan takes part in the SEAQUAL initiative, a project on a vast scale to free seas and coasts of plastic refuse, which are transformed into completely traceable recycled raw material. The felt that covers the inside of the shade composed of 60% recycled material.

IT Farel introduce per la prima volta nel catalogo Luceplan l'iconica struttura a cupola, una geometria neutra proposta in materiale termoformato fonoassorbente rivestito di tessuto all'esterno. È possibile personalizzare la lampada grazie a una combinazione di colori del paralume che spaziano da tonalità fredde, calde e neutre per l'esterno, abbinate a toni scuri o chiari per l'interno. Farel è una lampada a bassissimo impatto ambientale. Il tessuto che riveste esternamente il paralume proviene da filati riciclati al 100%. Luceplan ha sposato l'iniziativa SEAQUAL, un progetto su vasta scala di pulitura dei mari e delle zone costiere dai rifiuti plastici, al fine di trasformarli in materiale grezzo riciclato completamente tracciabile. Anche il feltro, che riveste l'interno del paralume, è costituito da materiale riciclato al 60%.

DE Farel ist die erste Leuchte von Luceplan mit ikonischer Kuppelform – eine neutrale geometrische Form aus thermisch geformtem Material mit schallabsorbierendem Bezug. Die Leuchte bietet die Möglichkeit individueller Gestaltung über die Schirmfarben: kalte, warme und neutrale Farben für außen und dunkle oder helle für innen. Farel ist eine Lampe mit sehr geringer Umweltbelastung. Der Stoff, der den Lampenschirm außen umhüllt, wird aus 100% recycelten Garnen realisiert. Luceplan setzt seinen Ehrgeiz in die SEAQUAL-Initiative, ein groß angelegtes Projekt zur Reinigung der Meere und Küstengebiete von Kunststoffabfällen. Ziel ist es, diese Abfälle in vollständig rückverfolgbares recyceltes Rohmaterial umzuwandeln. Auch der Filz, der das Innere des Lampenschirms auskleidet, besteht zu 60% aus recyceltem Material.

FR Farel présente, pour la première fois dans le catalogue Luceplan, la structure en dôme emblématique, une géométrie neutre proposée dans un matériau thermoformé insonorisant recouvert de tissu extérieur. Il est possible de personnaliser la lampe grâce à une combinaison de couleurs de l'abat-jour couvrant des teintes froides, chaudes et neutres pour l'extérieur, associées à des tons sombres ou clairs pour l'intérieur. Farel est une lampe à très faible impact environnemental. Le tissu qui recouvre l'extérieur de l'abat-jour est composé à 100 % de fibres recyclées. Luceplan a adhéré à l'initiative SEAQUAL, un projet à grande échelle visant à nettoyer les mers et les zones côtières des déchets plastiques, afin de les transformer en matière première recyclée entièrement traçable. Le feutre, qui recouvre l'intérieur de l'abat-jour, est également composé de 60 % de matériaux recyclés.

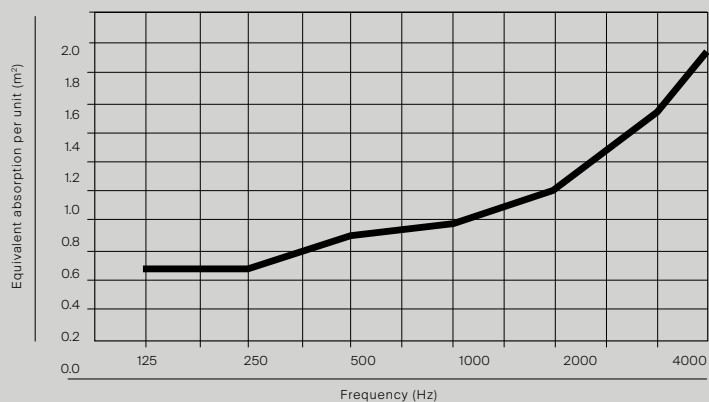
ES Farel introduce por primera vez en el catálogo Luceplan la icónica estructura de cúpula, una geometría neutra propuesta de material termoformato fonoabsorbente revestido de tela por fuera. Es posible personalizar la lámpara gracias a una combinación de colores de la pantalla que van de tonos fríos, cálidos y neutros para el exterior, combinados con tonos oscuros o claros para el interior. Farel es una lámpara de muy bajo impacto ambiental. El tejido que recubre el exterior de la pantalla está confeccionado con hilos 100% reciclados. Luceplan se ha unido a la iniciativa SEAQUAL, un proyecto a gran escala de limpieza de los mares y zonas costeras de residuos plásticos, con el fin de transformar estos residuos en materia prima reciclada totalmente trazable. Incluso el fieltro, usado para el revestimiento interior de la pantalla, está elaborado con un 60% de material reciclado.

MOD. Farel



Sound Absorption of Farel

based on test results in compliance
with EN ISO 335:2003
"measurement of sound absorption
in a reverberation room".



Model of application: meeting room

Location analysis:

Those kind of areas are useful for a reserved space where the quality of conversation is the main goal. A space for interaction with digital system as well as persons. A creative space.

Solution:

Focus the light on the desk surface, create a more snug space, juiced up by chromatics and material interactions between textile and metallic parts. The "dome effect" guarantee less sound dispersion and a better effective communication.

Room data

L = 6 m

W = 4 m

H = 3 m

Fixtures installation

2 fixtures for 1 meeting table

1,6 m AFF

Lighting source used

Led 23W 2700K

Illuminance average

Post (average value) 678 lx

Before

Time of reverberation* 0,9 s

After

(+ 2 Farel)

Time of reverberation 0,82 s

Decrease of reverberation

about 15%**

* 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.



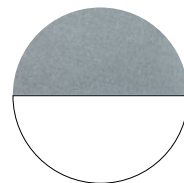






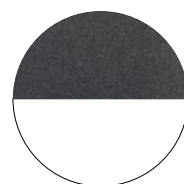
External fabric
Light grey

Internal felt
White



External fabric
Dark grey

Internal felt
White



External fabric
Rust

Internal felt
Black

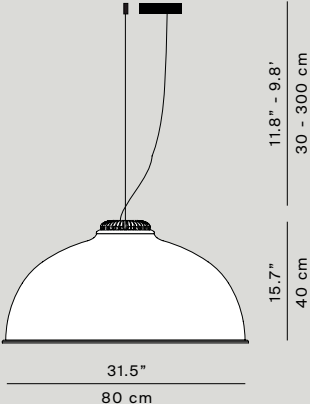
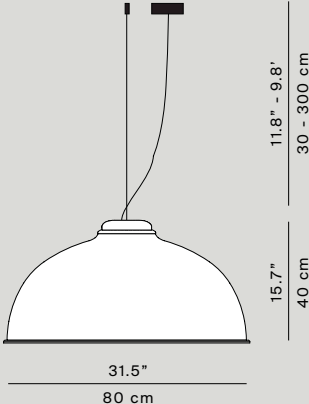















External fabric
Ocher

Internal felt
Black



SEAQUAL
INITIATIVE
**TOGETHER
FOR A CLEAN
OCEAN**

D96/6DW-D96/6D optics dimmable phase cut or push/DALI with suspension cables and finishing rings + D96C shade	D96/6D - D96/86DW + D96C		D96/1EB - D96/1EN + D96C	
D96/1EB - D96/1EN optics with suspension cables and finishing rings + D96C shade				
Light source	D96/6DW - D96/6D	LED module 23W* 2700K dimmable push/DALI CRI 90 Internal lampshade white: 1.268 lm - black 1.137 lm LED module 23W* 3000K dimmable push/DALI CRI 90 Internal lampshade white: 1.317 lm - black 1.180 lm		
	D96/1EB - D96/1EN	LED E27 dimmable 70W HSGSA E27		
Rating system	D96/6D - D96/6DW D96/1EB - D96/1EN	220-240 V ~ 50/60 Hz, 23W 220-240 V ~ 50/60 Hz		
Materials	Shade in acoustic material and flame retardant fabric Rings and heat sink in coated aluminium			
Metal parts Rings and heat sink finishes	 Matt Black	 Matt Alu		
External lampshade finishes	 Light Grey	 Dark Grey	 Rust	 Ocher
Internal lampshade finishes	 White	 White	 Black	 Black
  				
Reference code	D96K	1D960K0000G3		
	D96/6DW	1D960/6DW020 1D960/6DW001 1D960/6DW030		
	D96/6D	1D960/6D0020 1D960/6D0001 1D960/6D0030		
	D96/1EB	1D960/1EB001 1D960/1EB020 1D960/1EB030		
	D96/1EN	1D960/1EN001 1D960/1EN020 1D960/1EN030		
	D96C	1D960C0000G3 1D960C0000A4 1D960C0000A5 1D960C0000B3		

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