

MUSE LIGHT acoustic

suspended

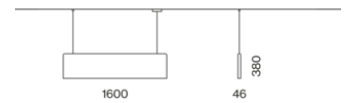
EN Luminaire body made of high quality, self-supporting, at least 50% recycled PET felt with sound absorbing properties; high quality visual and tactile surface; constructed of 2 shells to form cavities that improve acoustic performance; large sound absorbing surface; pendant fitting with cable suspension; with integrated tool-less suspension height adjustment; optimised for the illumination of office workstations; incl. transparent feed; light inset made from extruded profile for improved thermal management; high gloss reflector with faceted design; energy-efficient LEDs with very good colour rendering

ES Cuerpo luminoso de fieltro PET al menos un 50% reciclado y autoportante de calidad superior con propiedades de absorción del sonido; superficie de gran calidad óptica y táctil; estructura de dos cuencos, así se generan huecos para mejorar el rendimiento acústico; superficie de absorción sonora grande; suspendido con cable; regulación de la altura sin necesidad de herramientas; optimizado para iluminación de puestos de oficina; incluido cable de alimentación transparente; inserto luminoso de perfil extruido para una mejor gestión del calor; reflector de alto brillo con óptica facetada; LEDs de alta eficiencia que proporcionan una alta reproducción cromática

Quickinfo

3000 K, 4000 K
 CRI \geq 80 / 3 SDCM (initial MacAdam)
 UGR \leq 19
 hasta 108 lm/W
 L90 / 50000 h
 DALI-2
 IP20
 fieltro PET compuesto de al menos un 50% de material reciclado post-consumer hasta clase de absorbente A

Types



Color



Distribución luminosa



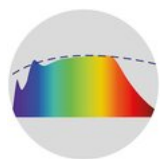
DiiA® standards
 251, 252, 253



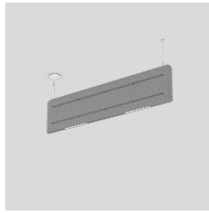
DIN EN 12464-1
 UGR \leq 19



sound absorption by PET felt from at least 50% recycled material



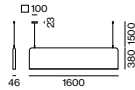
CRI \geq 98
 XPECTRUM (optional)



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	CRI ≥ 80	UGR ≤ 19	cd/m ² ≤ 1500	220-240 V	DALI 1ADDR.		
A B C D E	$\alpha_{wy} = 0.45$		0.55 NRC	0.55 SAA			

CRI ≥ 80, DALI-2



SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
20.3 W	3000 K	2080 lm	102 lm/W	0 9 1 - 1 2 1 1 5 3 <input checked="" type="checkbox"/> F
	4000 K	2200 lm	108 lm/W	0 9 1 - 1 2 1 1 6 3 <input checked="" type="checkbox"/> F

Light inset colour: grey cover / chrome reflector, canopy always in white

EQUIVALENT SOUND ABSORPTION AREA (A_{EQ} M²)

125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz
0.1	0.2	0.57	0.93	0.97	0.93

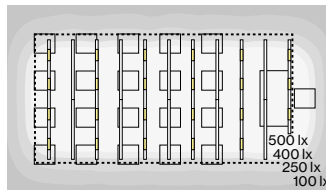
Planning Information



MUSE LIGHT
20 W direct, 4000K, chrome reflector
+ **MUSE BAFFLE** (every 2nd)

ROOM VALUES

Room dimensions	9 × 5 × 3 m
Room volume	135 m ³
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8
Mounting height	2.23 m



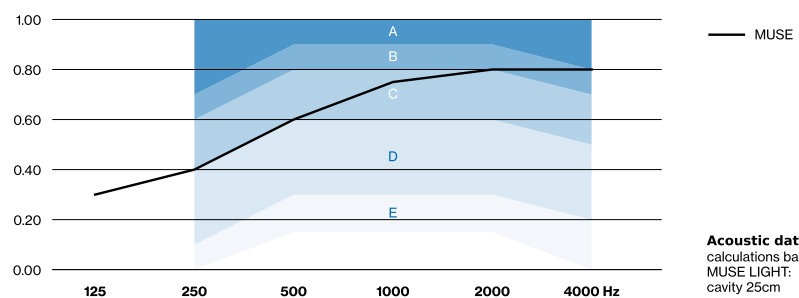
CALCULATION SURFACE

Surface dimensions	8 × 4
Surface height	0.75 m
Average illuminance (E _m)	> 500 lx

GLARE EVALUATION

Table Classification	X=4H Y=8H S=0.25H
UGR transversal	≤ 19
UGR axial	≤ 19
≥ 65° ≤ 1500 cd/m ²	

SOUND ABSORPTION COEFFICIENTS



Order options

COLOUR	<input checked="" type="checkbox"/>
anthracite	B
indigo blue	E
felt grey	G
bright blue	P

XAL Office, Vienna

Austria

Lighting Design

XAL Lighting Design

Fotografía

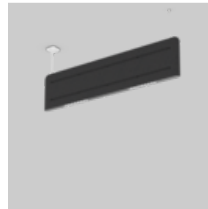
Kurt Kuball



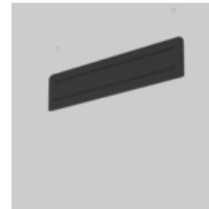
Productos utilizados



**MUSE DOUBLE
LIGHT** acoustic
suspended



MUSE LIGHT
acoustic suspended



MUSE BAFFLE
acoustic suspended



LENO surface



LITO 60 suspended



