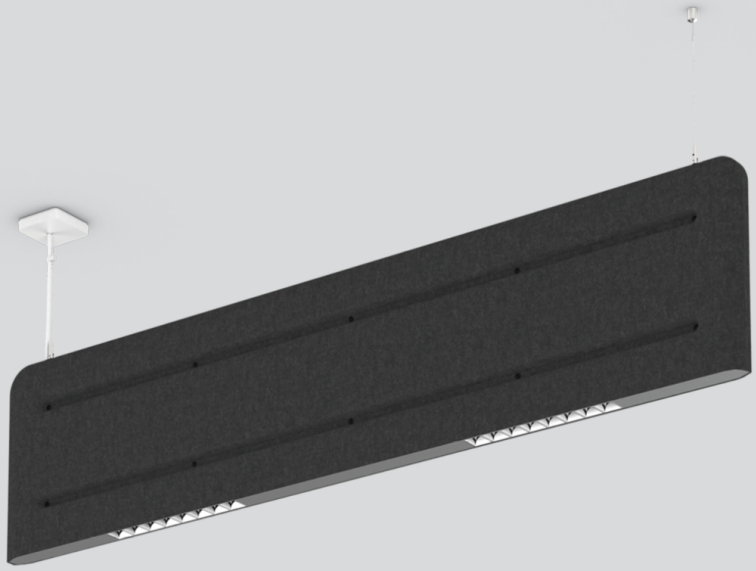
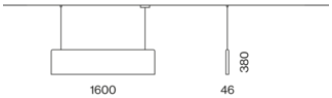


Quickinfo

3000 K, 4000 K
CRI ≥ 80 / 3 SDCM (initial MacAdam)
UGR ≤ 19
bis zu 108 lm/W
L80 / 50000 h
DALI-2
IP20
PET-Filz bestehend aus mindestens 50% post-consumer recyceltem Material
bis zu Absorberklasse A

Types



Farben



Lichtverteilung



MUSE LIGHT acoustic

suspended

EN Luminaire body made of high quality, self-supporting, at least 75% 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 toolless 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

DE Leuchtenkörper aus hochwertigem, selbsttragenden, mind. 75% recycelten PET-Filz mit schallabsorbierenden Eigenschaften; optisch und haptisch hochwertige Oberfläche; Aufbau aus 2 Schalen, dadurch bilden sich Hohlräume zur Verbesserung der akustischen Performance; große schallabsorbierende Oberfläche; abgependelt mit Seilabhängung; werkzeuglose Höhenverstellung an der Leuchte; optimiert zur Ausleuchtung von Büroarbeitsplätzen; inkl. transparenter Einspeiseleitung; Lichteinsatz aus Strangpressprofil für verbessertes Thermomanagement; hochglänzender Reflektor mit Facettenoptik; energieeffiziente LEDs mit sehr guter Farbwiedergabe



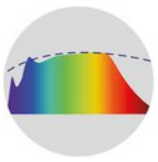
DiiA® standards 251, 252, 253



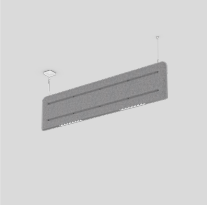
DIN EN 12464-1 UGR ≤ 19



sound absorption by PET felt from at least 75% recycled material



CRI ≥ 98 XPECTRUM (optional)



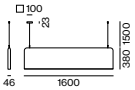
MUSE LIGHT acoustic suspended

CRI ≥ 80 | UGR ≤ 19 | cd/m² ≤ 1500 | 220-240 V | 1 ADDR. | X-PERT

A B C D E
α_w = 0.45

PET felt | 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 F
	4000 K	2200 lm	108 lm/W	0 9 1 - 1 2 1 1 6 3 F

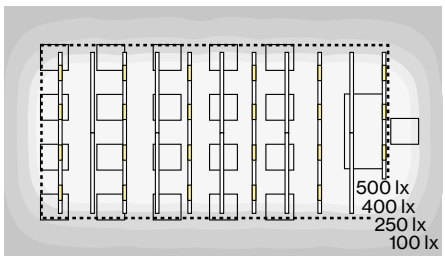
Light inset colour: grey cover / chrome reflector, canopy always in white

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, 4000 K, chrome reflector
+ MUSE BAFFLE (every 2nd)

ROOM VALUES

Room dimensions	9 × 5 × 3 m
Room volume	135 m²
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

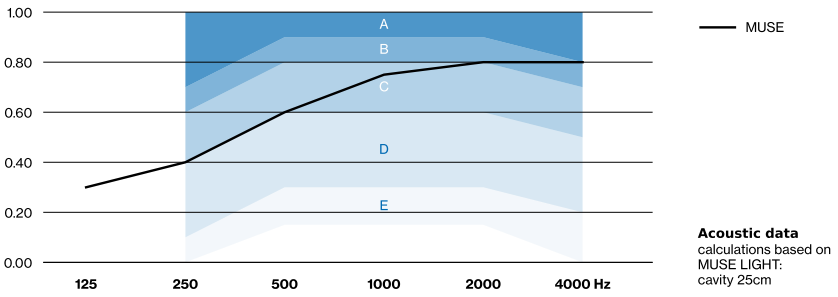
GLARE EVALUATION

Table Classification X=4H | Y=8H | S=0.25H

UGR transversal	≤ 19
UGR axial	≤ 19

≥ 65° ≤ 1500 cd/m²

SOUND ABSORPTION COEFFICIENTS



Acoustic data
calculations based on MUSE LIGHT:
cavity 25cm

Order options

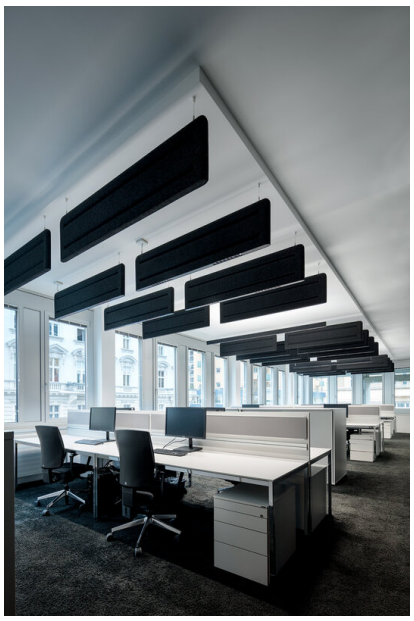
COLOUR	
anthracite RAL 7021	B
indigo blue	E
felt grey RAL 7037	G
bright blue	P

XAL Office, Vienna

Österreich

Lighting Design
XAL Lighting Design

Fotograf
Kurt Kuball



Verwendete Produkte



MUSE DOUBLE LIGHT acoustic suspended



MUSE LIGHT acoustic suspended



MUSE BAFFLE acoustic suspended



LENO surface



LITO 60 suspended

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