

MUSE LIGHT acoustic

suspended

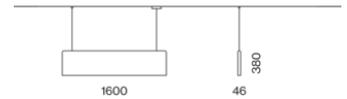
EN Luminaire body made of high quality, self-supporting, at least 50% recycled PET felt with sound absorbing properties; high quality visual and tactile surface; constructed of 2 shells to form cavities that improve acoustic performance; large sound absorbing surface; pendant fitting with cable suspension; with integrated 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. 50% 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

Quickinfo

3000 K, 4000 K
 CRI ≥ 80 / 3 SDCM (initial MacAdam)
 UGR ≤ 19
 up to 108 lm/W
 L90 / 50000 h
 DALI-2
 IP20
 PET felt made of at least 50% post-consumer recycled material up to absorption class A

Types



Colour



Light distributions



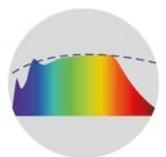
DiiA® standards
 251, 252, 253



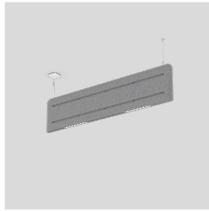
DIN EN 12464-1
 UGR ≤ 19



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



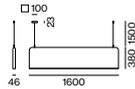
CRI ≥ 98
 XPECTRUM (optional)



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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

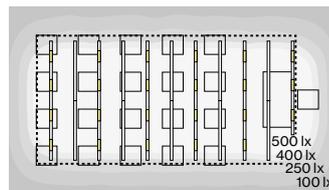
EQUIVALENT SOUND ABSORPTION AREA (A_{EQ} M²)

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)

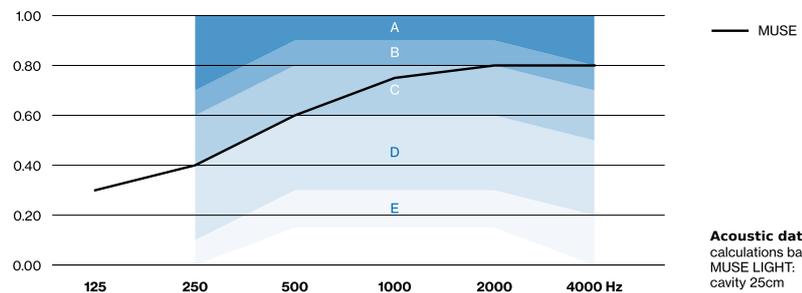


ROOM VALUES
Room dimensions 9 × 5 × 3 m
Room volume 135 m³
Reflection factor 0.7 | 0.5 | 0.2
Maintenance factor 0.8
Mounting height 2.23 m

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



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

Photographer

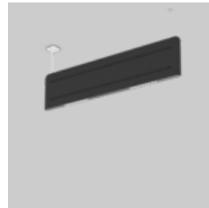
Kurt Kuball



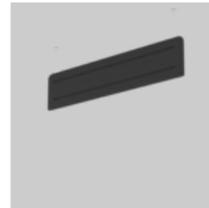
Used products



**MUSE DOUBLE
LIGHT** acoustic
suspended



MUSE LIGHT
acoustic suspended



MUSE BAFFLE
acoustic suspended



LENO surface



LITO 60 suspended



