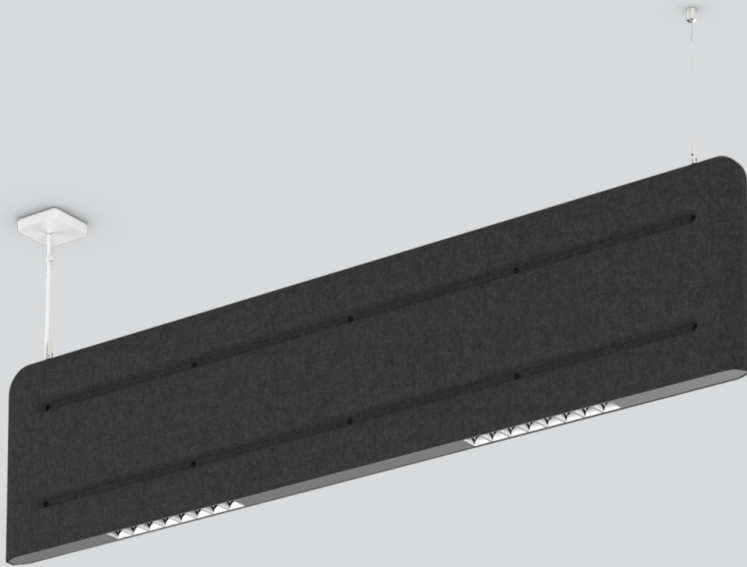




MUSE LIGHT acoustic

suspended

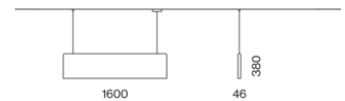
EN Luminaire body made of high quality, self-supporting, at least 50% recycled PET felt with sound absorbing properties; high quality visual and tactile surface; constructed of 2 shells to form cavities that improve acoustic performance; large sound absorbing surface; pendant fitting with cable suspension; 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, selbsttragendem, mind. 50% recyceltem 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 $\geq$ 80 / 3 SDCM
UGR $\leq$ 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



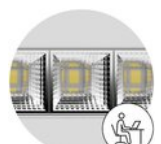
Colour



Light distributions



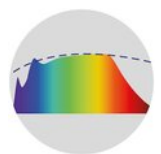
DiiA® standards
251, 252, 253



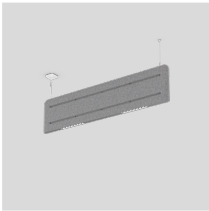
DIN EN 12464-1
UGR $\leq$ 19



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



CRI $\geq$ 98
XPECTRUM
(optional)



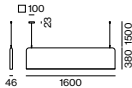
MUSE LIGHT acoustic suspended

	CRI ≥ 80	UGR ≤ 19	cd/m² ≤ 1500	220-240 V	DALI 1ADDR.		X-PERT
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A	B	C	D	E
$\alpha_w = 0.45$				
		PET felt	0.55 NRC	0.55 SAA

SYSTEM	COLOUR TEMP.	LUM. FLUX	SYSTEM	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

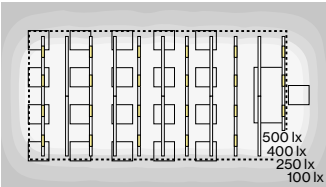
Light inset colour: grey cover / chrome reflector, canopy always in white



Equivalent sound absorption area ($A_{eq} m^2$)

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

Planning Information



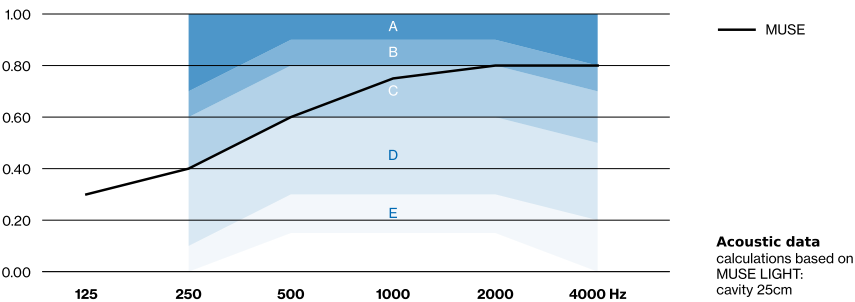
MUSE LIGHT
20 W direct, 4000K, chrome reflector
+ **MUSE BAFFLE** (every 2nd)

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	
anthracite	B
indigo blue	E
felt grey	G
bright blue	P

XAL Office, Vienna

Austria

Lighting Design

XAL Lighting Design

Photographer

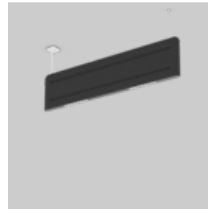
Kurt Kuball



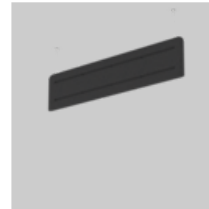
Used products



**MUSE DOUBLE
LIGHT** acoustic
suspended



MUSE LIGHT
acoustic suspended



MUSE BAFFLE
acoustic suspended



LENO surface



LITO 60 suspended



