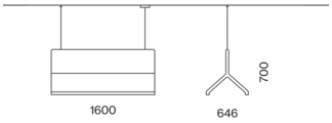


Quickinfo

3000 K, 4000 K
CRI ≥ 80 / 3 SDCM (initial MacAdam)
UGR ≤ 19
bis zu 110 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





DiiA® standards
251, 252, 253



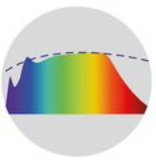
DIN EN 12464-1
UGR ≤ 19



suitable for double workstation



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



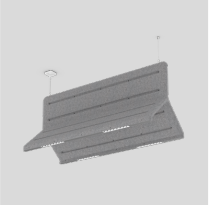
CRI ≥ 98
XPECTRUM
(optional)

MUSE DOUBLE 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 2 office workstations opposite each other; 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 2 gegenüberliegend angeordneten Büroarbeitsplätzen; inkl. transparenter Einspeiseleitung; Lichteinsatz aus Strangpressprofil für verbessertes Thermomanagement; hochglänzender Reflektor mit Facettenoptik; energieeffiziente LEDs mit sehr guter Farbwiedergabe

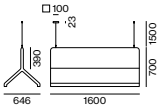


MUSE DOUBLE LIGHT ACOUSTIC SUSPENDED

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

A B C D E
α_w = 0.65

PET felt | 0.65 NRC | 0.62 SAA



CRI ≥ 80, DALI-2

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
40.0 W	3000 K	4160 lm	104 lm/W	0 9 1 - 1 2 2 1 5 3 ◪ F
	4000 K	4400 lm	110 lm/W	0 9 1 - 1 2 2 1 6 3 ◪ F

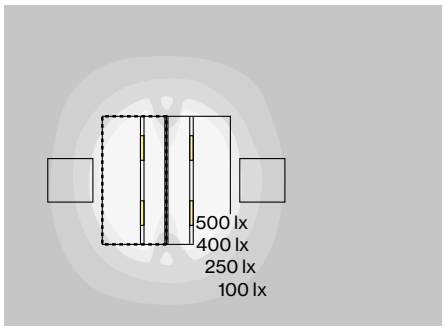
Light inset colour: grey cover / chrome reflector, canopy always in white

EQUIVALENT SOUND ABSORPTION AREA (A_{EQ} M²)

125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz
1.03	1.43	2.1	2.67	2.87	2.87

Planning Information





MUSE DOUBLE LIGHT
41 W direct, 4000 K, chrome reflector

ROOM VALUES

Room dimensions	5.4 × 4 × 3 m
Room volume	64.8 m²
Reflection factor	0.7 | 0.5 | 0.2
Maintenance factor	0.8
Mounting height	2.23 m

CALCULATION SURFACE ·····

Surface dimensions	1.6 × 0.8
Surface height	0.75 m
Average illuminance (E_m)	> 500 lx
Uniformity (U_0)	> 0.6

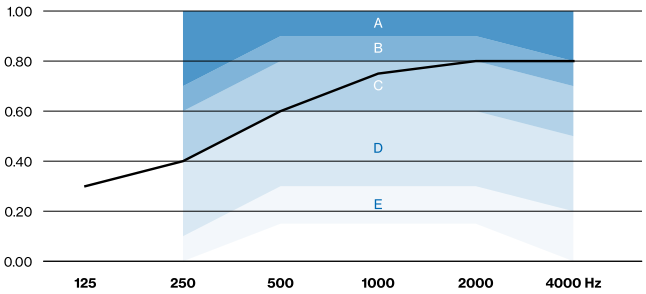
GLARE EVALUATION

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 DOUBLE LIGHT: cavity 25cm

Order options

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

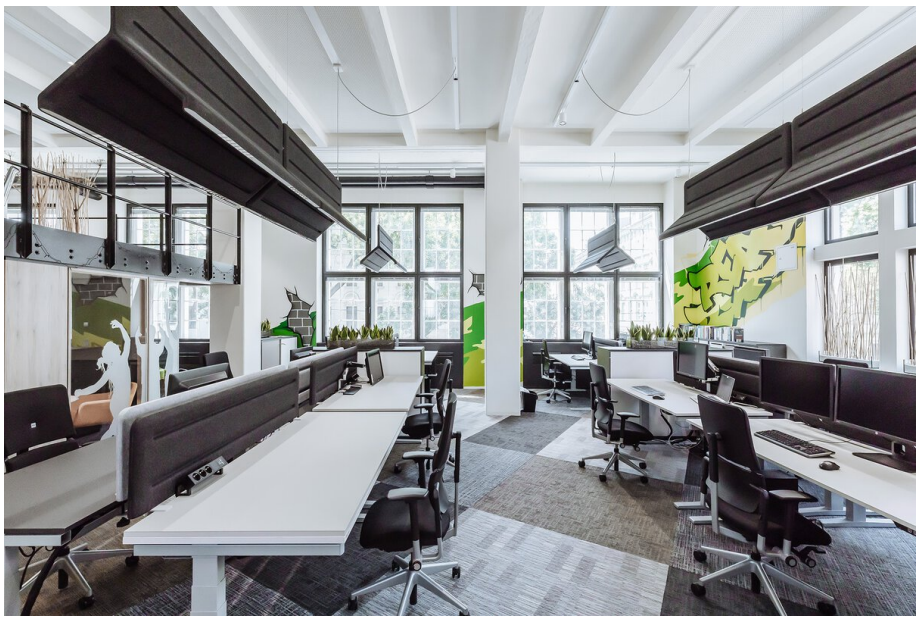
Inter-pool Immobilien GmbH

Österreich

Architekt
Inter-pool Immobilien GmbH / Architekt DI Stephan Kopinits

Lighting Design
Inter-pool Immobilien GmbH / Architekt DI Stephan Kopinits

Fotograf
Schneider & Schütz GmbH

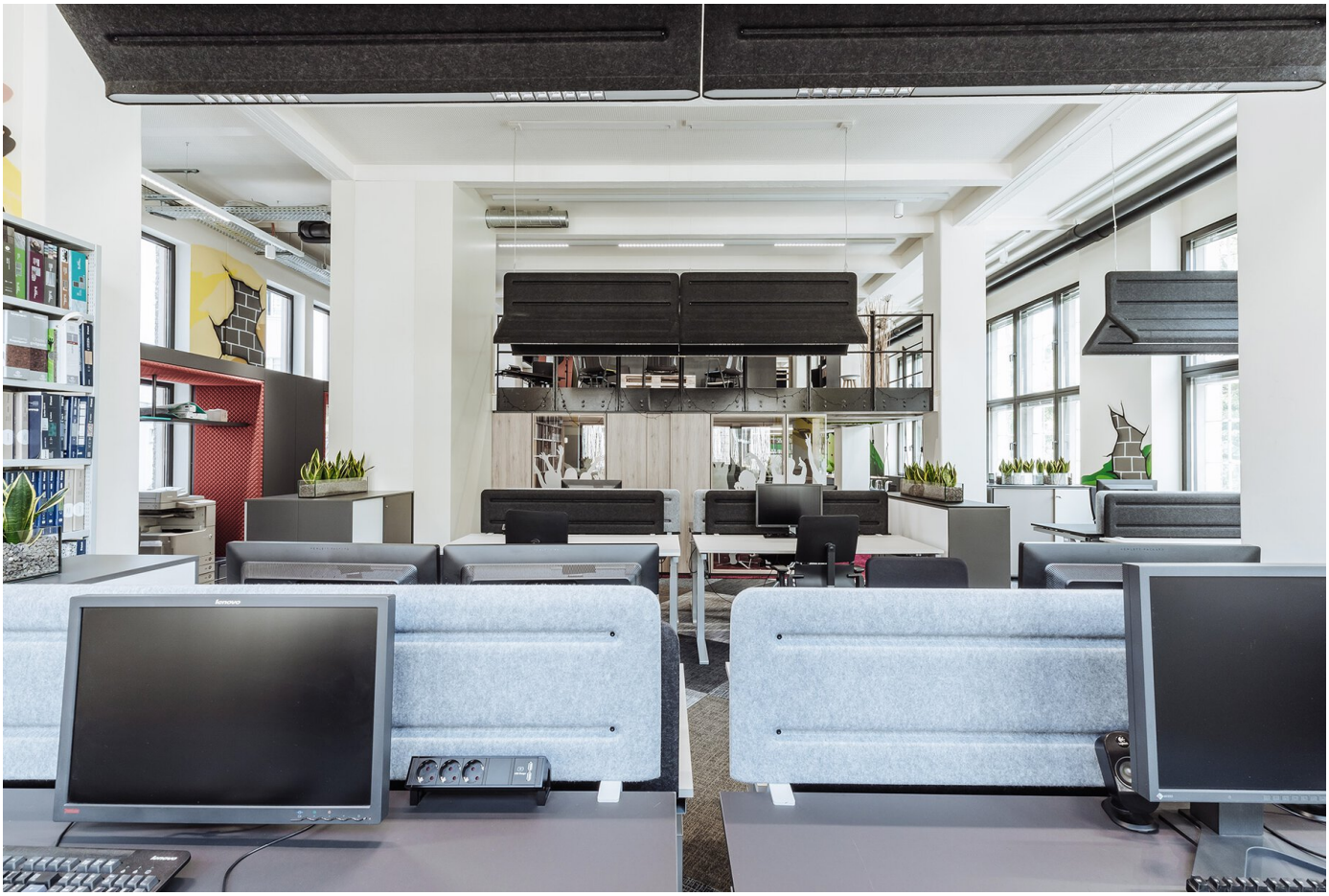


Verwendete Produkte



MUSE DOUBLE LIGHT acoustic suspended

No liability is assumed for typographical or printing errors.
© XAL GmbH · Auer-Welsbach-Gasse 36 · 8055 Graz · Austria · www.xal.com





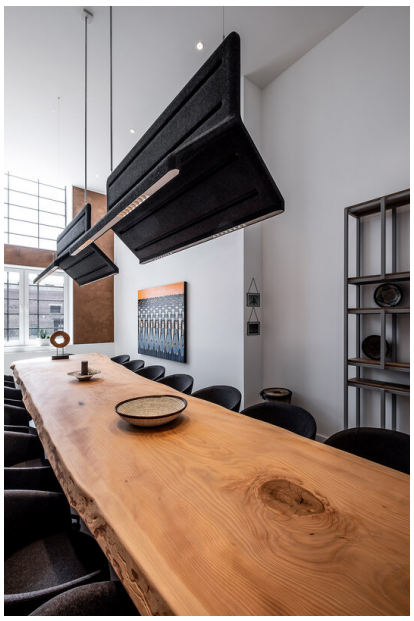

exterior



Magazin auf EF

Deutschland

Fotograf
Alexander Schwarz



Verwendete Produkte



MUSE DOUBLE LIGHT acoustic suspended

No liability is assumed for typographical or printing errors.
© XAL GmbH · Auer-Welsbach-Gasse 36 · 8055 Graz · Austria · www.xal.com

