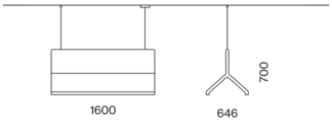


## Quickinfo

3000 K, 4000 K
CRI ≥ 80 / 3 SDCM (initial MacAdam)
UGR ≤ 19
up to 110 lm/W
L80 / 50000 h
DALI-2
IP20
PET felt made of at least 50% post-consumer recycled material
up to absorption class A

### Types




### Colours



### Light distributions






DiiA® standards 251, 252, 253



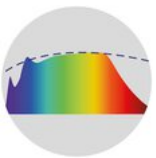
DIN EN 12464-1 UGR ≤ 19



suitable for double workstation



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



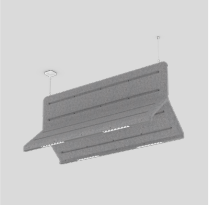
CRI ≥ 98 XPECTRUM (optional)

# **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

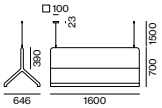
DE Leuchtenkörper aus hochwertigem, selbsttragenden, mind. 75% recycelten PET-Filz mit schallabsorbierenden Eigenschaften; optisch und haptisch hochwertige Oberfläche; Aufbau aus 2 Schalen, dadurch bilden sich Hohlräume zur Verbesserung der akustischen Performance; große schallabsorbierende Oberfläche; 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 $\alpha_w$ = 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 |

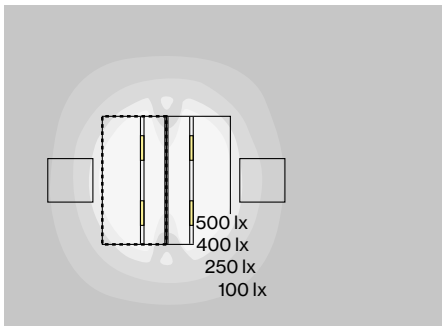
## Planning Information



### 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 |

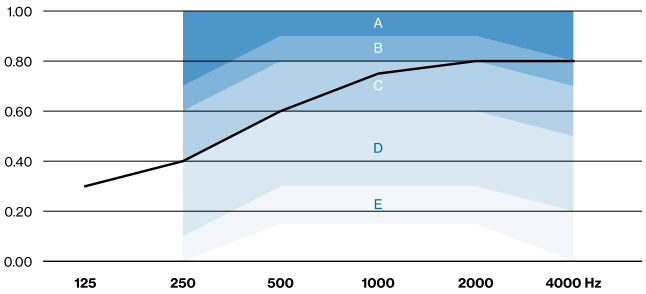
**GLARE EVALUATION**

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 |

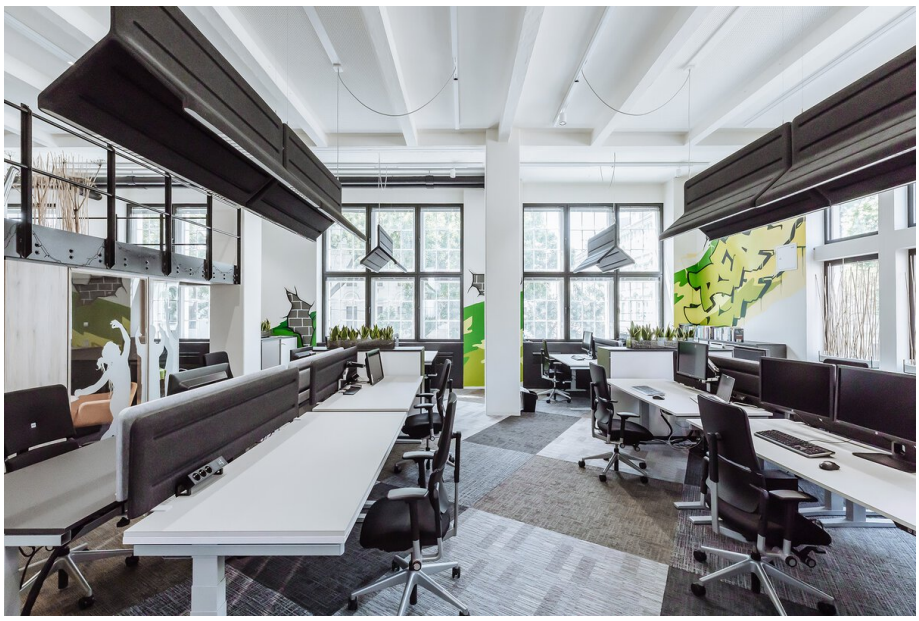
# Inter-pool Immobilien GmbH

Austria

**Architect**
Inter-pool Immobilien GmbH / Architekt DI Stephan Kopinits

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

**Photographer**
Schneider & Schütz GmbH

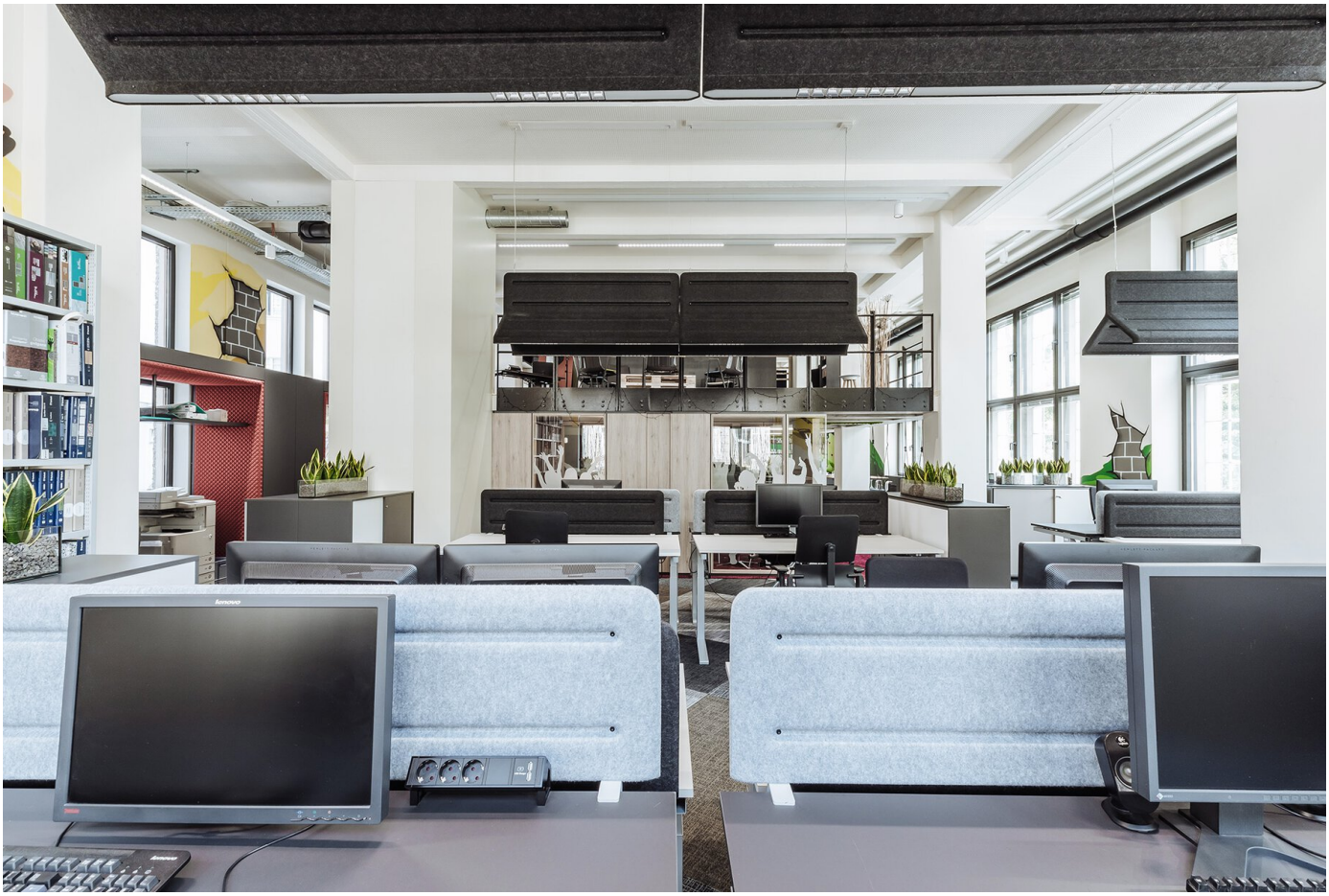


**Used products**



**MUSE DOUBLE LIGHT acoustic suspended**

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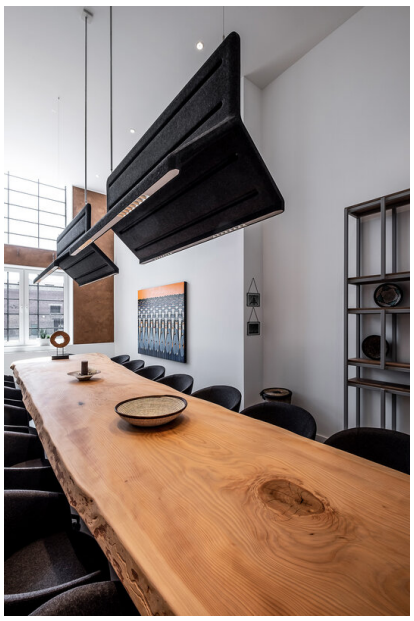

exterior



# Magazin auf EF

Germany

**Photographer**
Alexander Schwarz



**Used products**



**MUSE DOUBLE LIGHT acoustic suspended**

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