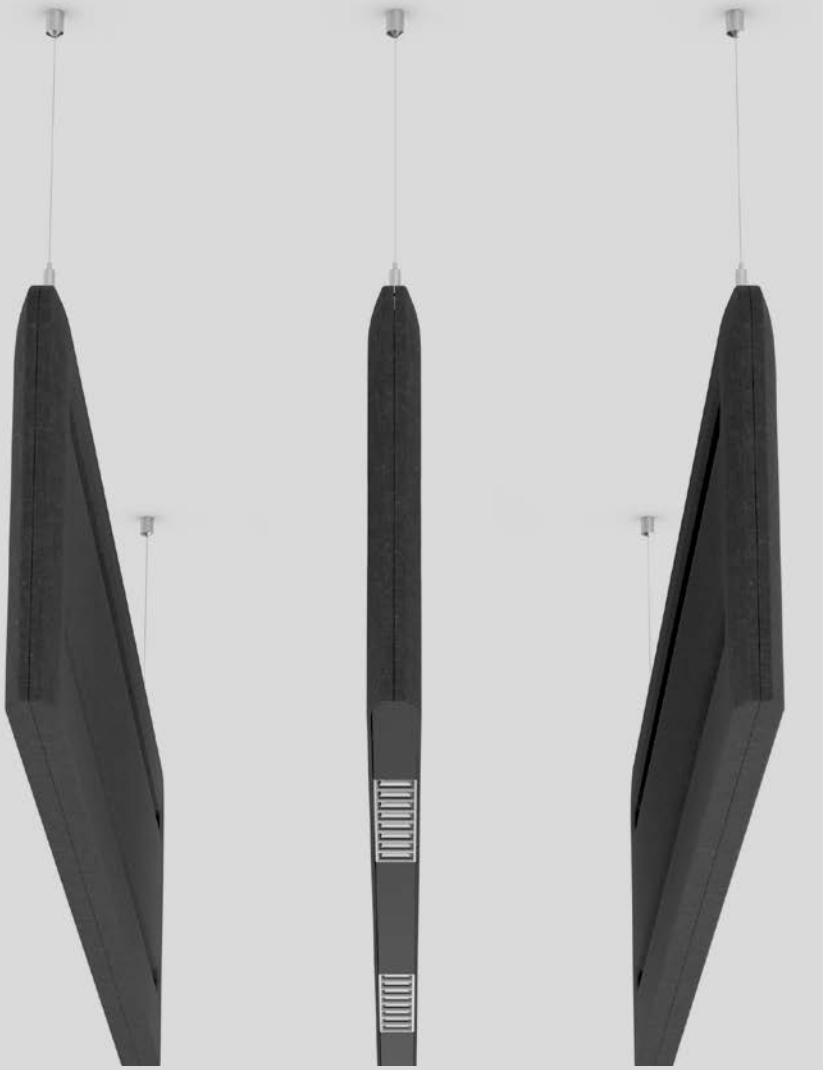
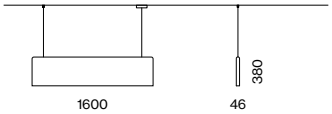


Quickinfo

3000 K, 4000 K
CRI ≥ 80, 3 SDCM
UGR ≤ 19 / 65° ≤ 1500 cd/m²
up to 109 lm/W
L90 @ 50 000 h
DALI-2
reflector (UGR ≤ 19)

PET felt
♻ from recycled material
up to absorber class A

Type



Colours

Light distribution

reddot award 2019
winner

MUSE light / baffle

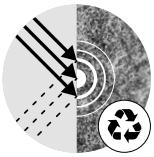
acoustic suspended

EN Luminaire body or acoustic element made of high-quality, self-supporting, 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; tool-less suspension height adjustment of the luminaire or of the acoustic element; MUSE LIGHT: 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

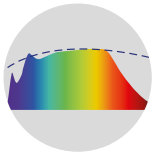
ES Cuerpo luminoso y elemento acústico de fieltro PET reciclado y autoportante de calidad superior con propiedades de absorción del sonido; superficie de gran calidad óptica y táctil; estructura de dos cuencos, así se generan huecos para mejorar el rendimiento acústico; superficie de absorción sonora grande; suspendido con cable; ajuste de altura sin herramienta de la luminaria y del elemento acústico; MUSE LIGHT: optimizado para iluminación de 2 puestos de oficina; incluido cable de alimentación transparente; inserto luminoso de perfil extruido para una mejor gestión del calor; reflector de alto brillo con óptica facetada; LEDS de alta eficiencia que proporcionan una alta reproducción cromática

DiiA® standards
251, 252, 253

DIN EN 12464-1
UGR ≤ 19



sound absorption
by recycled PET



CRI ≥ 98
XPECTRUM

Order options

COLOUR TEMPERATURE

3000 K	5
4000 K	6

CONTROL

DALI-2

MATERIAL COLOUR

anthracite	B
felt grey	G
bright blue	P
indigo blue	E

canopy always in white
other colours on request

LIGHT INSET COLOUR

grey cover / chrome reflector

Options on request

COLOUR RENDERING INDEX

CRI ≥ 98 XPECTRUM

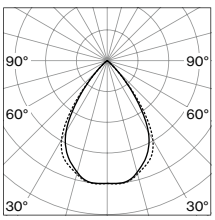
CONTROL

brightness & presence sensor

LIGHT INSET COLOUR

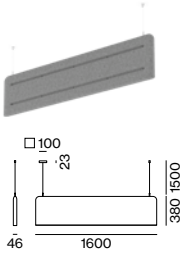
black cover / black reflector
white cover / chrome reflector
black cover / chrome reflector

Light distribution



chrome reflector
direct

LUMINOUS FLUX value calculated for
CRI ≥ 80, cover grey, reflector chrome

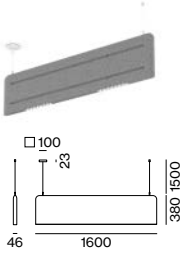


MUSE BAFFLE suspended

PET felt

ACOUSTIC BAFFLE

L (mm)	ORDER CODE
1600	091-101111



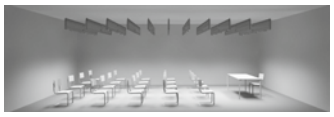
MUSE LIGHT suspended

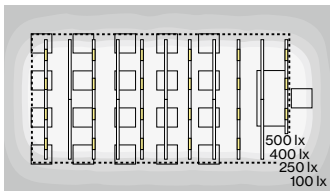
UGR ≤ 19 | cd/m² ≤ 1500 | DALI 1 ADDR. | 220-240V | PET felt | X-PERT

ACOUSTIC LUMINAIRE

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
20 W	3000 K	2080 lm	1600	091-1211 3 F
	4000 K	2200 lm		

Lighting calculation





MUSE LIGHT
20 W direct, 4000 K, 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

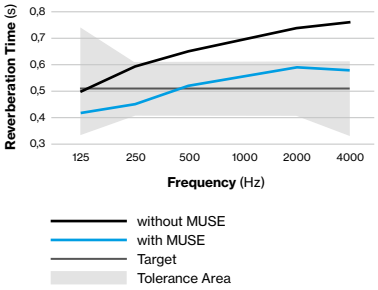
GLARE EVALUATION

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

UGR transversal	≤ 19
UGR axial	≤ 19

≥ 65° ≤ 1500 cd/m²

Acoustic calculation



ACOUSTIC PARAMETERS

Target Reverberation Time	0.51 s*
RT without MUSE	0.66 s
RT with MUSE	0.52 s

*according to DIN 18041, room category A3 (education/communication)

MATERIALS

Walls	Hardboard
Ceiling	Gypsum Board
Floor	Hardwood