

XAL MUSE LIGHT acoustic suspended

091-121163BF

PROJECT

TYPE

NOTES

QUANTITY

DATE

GENERAL

Ceiling

Suspended

anthracite

3670 lm/m

IP20

2200 lm

LED

4000 K

CRI ≥ 80

L90 / 50000 h

initial ≤ 3 MacAdam

OPTICAL

UGR < 19

$\geq 65^\circ < 1500$ cd/m²

PHYSICAL

Cable 1500 mm

length 1600 mm

width 45 mm

height 380 mm

3.9 kg

ELECTRICAL

DALI-2

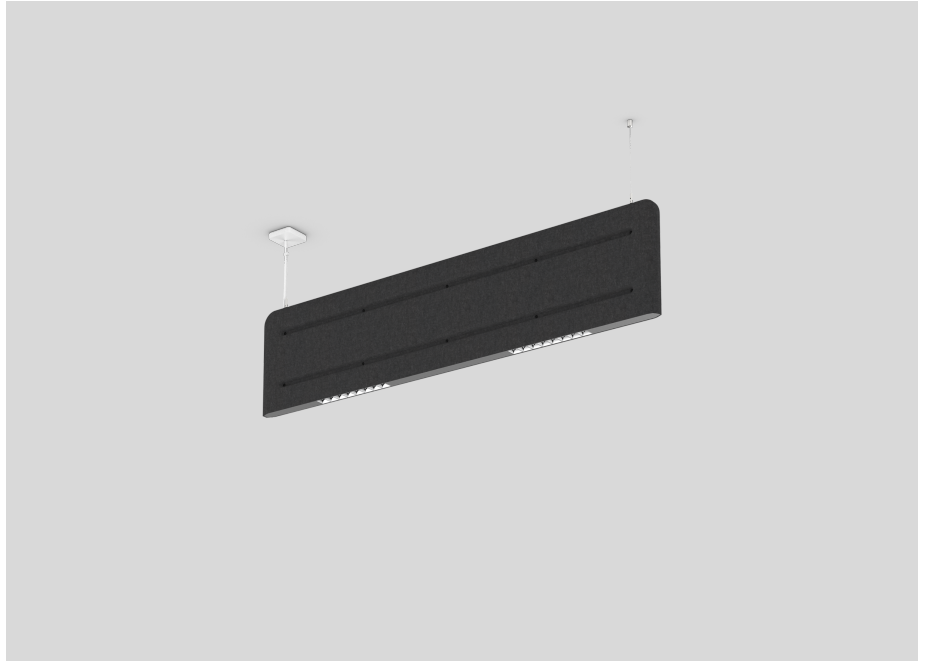
20 W

110 lm/W

1 DALI Addr.

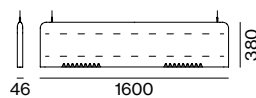
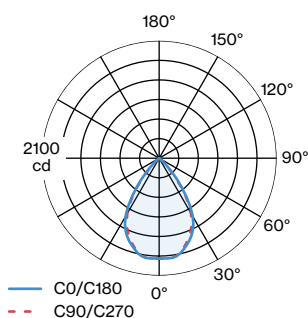
PC1 220-240V

34 W/m



Luminaire body made of high-quality, self-supporting polyester fleece with sound absorbing properties, consisting of 50% recycled PET; high-quality visual and tactile surface, anthracite; colour may deviate; constructed of 2 shells to form cavities that improve acoustic performance; large sound absorbing surface; suspended luminaire with 1500mm cable suspension; with integrated tool-less suspension height adjustment; spring clip attachment to the luminaire; freely positionable; incl. transparent feed; optimised for the illumination of office workstations; light inset made from extruded profile for improved thermal management; light colour 4000 K; Binning initial ≤ 3 MacAdam; CRI ≥ 80 ; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; high-quality, chromed reflector with faceted design; blind covers in gray; UGR ≤ 19 ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above $65^\circ \leq 1500$ cd/m²; degree of protection IP20; PC1 220-240V; internal wiring in light halogen free; incl. DALI-2 converter;

Light Distribution





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Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	18
B13	23
B16	28
B20	35
C10	30
C13	38
C16	46
C20	58

Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.98	0.95	0.93	0.91	0.9
LSF	1	1	1	1	1

MF	$LMF \times RSMF \times LLMF \times LSF$	RSMF ^a	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF ^a	Luminaire Maintenance Factor	LSF	Lamp Survival Faktor

^a According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.