

# XAL MUSE LIGHT acoustic suspended

091-121153BF

PROJECT

TYPE

NOTES

QUANTITY

DATE

## GENERAL

Ceiling

Suspended

anthracite

3470 lm/m

IP20

2080 lm

## LED

3000 K

CRI  $\geq$  80

L90 / 50000 h

initial  $\leq$  3 MacAdam

## OPTICAL

UGR  $<$  19

$\geq 65^\circ$   $< 1500$  cd/m<sup>2</sup>

## PHYSICAL

Cable 1500 mm

length 1600 mm

width 45 mm

height 380 mm

3.9 kg

## ELECTRICAL

DALI-2

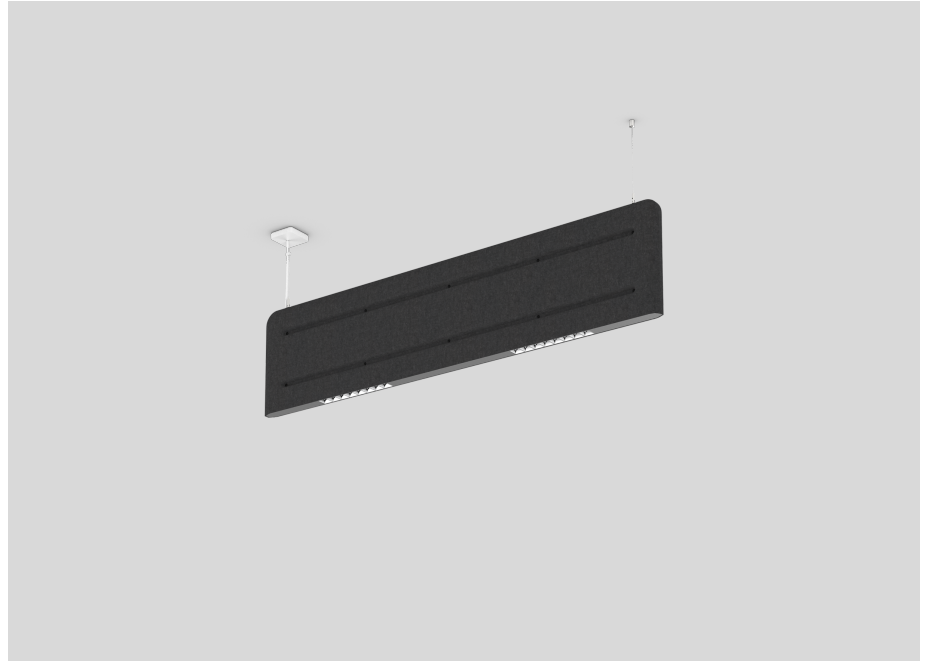
20 W

104 lm/W

1 DALI Addr.

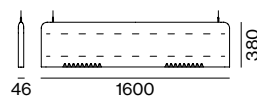
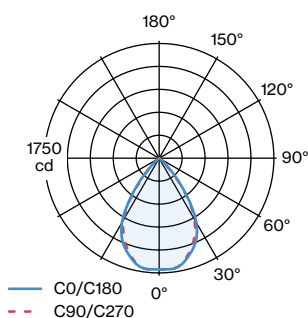
PC1 220-240V

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 3000 K; Binning initial  $\leq$  3 MacAdam; CRI  $\geq$  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  $\leq$  19; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above  $65^\circ \leq 1500$  cd/m<sup>2</sup>; 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 <sup>a</sup>	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF <sup>a</sup>	Luminaire Maintenance Factor	LSF	Lamp Survival Faktor

<sup>a</sup> 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.