

# MUSE LIGHT acoustic

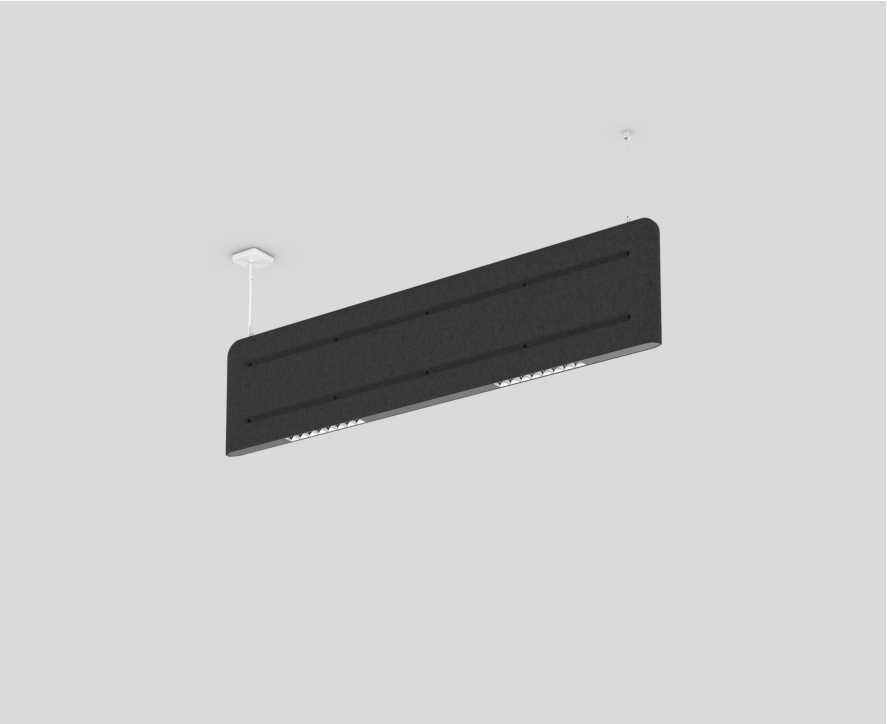
suspended  
091-121163BF



Project / Type

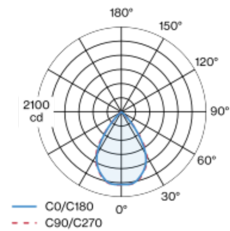
Notes

Count / Date

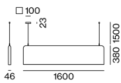


Luminaire body made of high quality, self-supporting PET felt with sound absorbing properties, consisting of at least 50 % post-consumer recycled PET; high quality visual and tactile surface, anthracite; colour may deviate; constructed of 2 shells to form cavities that improve acoustic performance; large sound absorbing surface; suspended luminaire with 1500mm cable suspension; with integrated toolless suspension height adjustment on the luminaire; 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 MacAdam  $\leq 3$  SDCM; CRI  $\geq 80$ ; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; high gloss 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; 220-240 V; internal wiring in light halogen free; incl. DALI-2 converter; light source not replaceable; control gear replaceable by an authorized professional;

## Light distribution



## Product drawing



## General

Ceiling | Suspended

anthracite

PET felt (made of at least 50% post-consumer recycled material)

IP20

2200 lm

## LED

4000 K

CRI  $\geq 80$

L90 / 50000 h

initial MacAdam  $\leq 3$  SDCM

MR 0.72 | MDER 0.66

## Optical

symmetric

UGR  $\leq 19$  |  $\geq 65^\circ < 1500$  cd/m<sup>2</sup>

PstLM  $\leq 1.0$  <sup>1</sup> | SVM  $\leq 0.4$  <sup>1</sup>

## Electrical

DALI-2 | 1 DALI Addr.

PC1 | 220-240 V

system 20.3 W

system 108 lm/W <sup>2</sup>

## Physical

cable 1500 mm

length 1600 mm | width 46 mm | height 380 mm

3.9 kg

## Acoustics

Alpha w ( $\alpha_w$ ) up to 0.45 <sup>3</sup>

SAC (sound absorption class) up to D <sup>3</sup>

NRC up to 0.55 <sup>3</sup>

SAA up to 0.55 <sup>3</sup>

<sup>1</sup> Value of containing product at full load (undimmed)  
<sup>2</sup> incl. consideration of optical losses, internal control unit losses & operating device efficiency  
<sup>3</sup> Acoustic data calculations based on MUSE LIGHT, cavity 25cm

## Installation instructions



## Lighting calculator

