

MUSE DOUBLE LIGHT

acoustic

suspended

091-122163EF



Project / Type

Notes

Count / Date



General

Ceiling , Suspended

indigo blue

IP20

4400 lm

LED

4000 K

CRI ≥ 80

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

MR 0.72

MDER 0.66

Optical

symmetric

UGR ≤ 19 , $\geq 65^\circ < 1500$ cd/m²

PstLM ≤ 1.0 ¹

SVM ≤ 0.4 ¹

Electrical

DALI-2

220-240 V

system 41 W

system 107 lm/W²

PC1

1 DALI Addr.

Physical

length 1600 mm

width 646 mm

height 700 mm

9.5 kg

Acoustics

Alpha w (α_w) up to 0.65³

SAC (sound absorption class) up to C³

NRC up to 0.65³

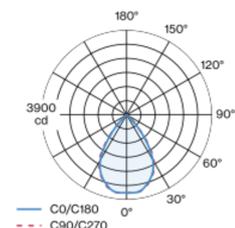
SAA up to 0.62³

¹ Value of containing product at full load (undimmed)

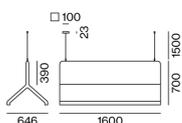
² incl. consideration of optical losses, internal control unit losses & operating device efficiency

³ Acoustic data calculations based on MUSE DOUBLE LIGHT, cavity 25cm

Light distribution



Product drawing



Installation instructions



Lighting calculator



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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 × RSMF × LLMF × LSF	RSMF ^a	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF ^a	Luminaire Maintenance Factor	LSF	Lamp Survival Factor

^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.

Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	7
B13	10
B16	12
B20	14
C10	10
C13	20
C16	24
C20	28

Equivalent sound absorption area (A_{eq})

125 HZ	250 HZ	500 HZ	1000 HZ	2000 HZ	4000 HZ
1.03	1.43	2.1	2.67	2.87	2.87

Sound absorption coefficient (a_p)

