

SOUNDCATCHER sharp square 1000 sensor light acoustic

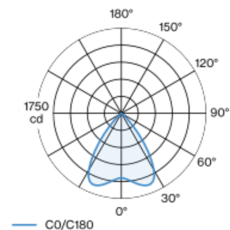
suspended

091-31815B8R 091-311120G

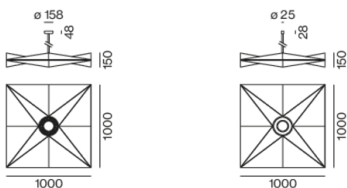


Acoustic element made of high quality, self-supporting, at least 50 % recycled PET felt with sound absorbing properties; in different moldings; constructed of two layers; choice of square, round or octagonal design; suitable for single or group installation; high quality visual and tactile surface; acoustically effective cavities; large sound absorbing surface; absorption of direct sound and sound reflected from the ceiling; this creates high acoustic performance; pendant fitting with MITA circle 240 acoustic suspended (LUMINAIRE or BLIND SUSPENSION); LUMINAIRE: ring shaped luminaire housing in die-cast aluminium; extremely slim design; surface powder coated; suspended; with height adjustable rod suspension (chrome), feed in rod; electronic operating unit installed in the canopy; high gloss reflector with faceted design; energy-efficient LEDs with very good colour rendering; optionally with sensor

Light distribution



Product drawing



Project / Type
Notes
Count / Date



General

Ceiling Suspended
jet black RAL 9005
Acoustic colour felt grey
PET felt (made of at least 50% post-consumer recycled material)
IP20
2090 lm

LED

3000 K
CRI \geq 80
L90 / 50000 h
initial MacAdam \leq 3 SDCM
MR 0.56 MDER 0.51

Optical

Reflector chrome symmetric
UGR \leq 19 $\geq 65^\circ$ < 1500 cd/m ²
PstLM \leq 1.0 ¹ SVM \leq 0.4 ¹

Electrical

DALI-2 ESSENTIAL sensor 1 DALI Addr.
brightness & presence
PC1 220-240 V
system 15.0 W
system 139 lm/W ²

Physical

rod 977 mm
diameter 240 mm height 45 mm

¹ Value of containing product at full load (undimmed)
² incl. consideration of optical losses, internal control unit losses & operating device efficiency

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	0.96	0.94	0.92	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	18
B16	30
C10	23
C16	36

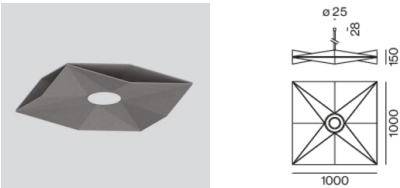
Equivalent sound absorption area (A_{eq})

125 HZ	250 HZ	500 HZ	1000 HZ	2000 HZ	4000 HZ
0.5	0.9	1.2	1.6	2	2.1

Components

SOUNDCATCHER sharp square

COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
felt grey	1000-1000-150	091-311120G



Mounting accessories

SYSTEM CONNECTOR

TYPE	COLOUR	ARTICLE NUMBER(S)
set of two connectors	traffic white	091-3191007
set of two connectors	jet black	091-3191008

