

# SOUNDCATCHER soft

## round 1000 sensor light

### acoustic

suspended

091-31806B8R 091-312220B



Project / Type

Notes

Count / Date



#### General

jet black | RAL 9005 <sup>1</sup>

anthracite

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

IP20

2210 lm

#### LED

4000 K

CRI  $\geq 80$

L90 / 50000 h

initial MacAdam  $\leq 3$  SDCM

MR 0.72 | MDER 0.65

#### Optical

Reflector chrome | symmetric

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

PstLM  $\leq 1.0$  <sup>2</sup> | SVM  $\leq 0.4$  <sup>2</sup>

#### Electrical

DALI-2 ESSENTIAL sensor | 1 DALI Addr.

brightness & presence

PC1 | 220-240 V

system 13.7 W

system 161 lm/W <sup>3</sup>

#### Physical

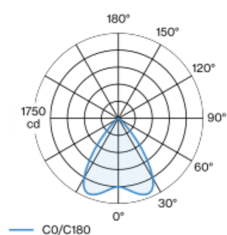
rod 977 mm

diameter 240 mm | height 45 mm

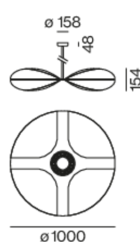


Acoustic element made of high quality, self-supporting, at least 50% recycled PET felt with sound absorbing properties; in different moldings; constructed of two layers; choice of square, round or octagonal design; suitable for single or group installation; high quality visual and tactile surface; acoustically 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



<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)

<sup>3</sup> incl. consideration of optical losses, internal control unit losses & operating device efficiency

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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 <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 Factor	

<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.

## Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	72
B16	115
C10	106
C16	170

## Equivalent sound absorption area ( $A_{eq}$ )

125 HZ	250 HZ	500 HZ	1000 HZ	2000 HZ	4000 HZ
0.4	0.7	1	1.4	1.5	1.7

## Components

### SOUNDCATCHER soft round

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
anthracite	1000	091-312220B

## 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

