

**SOUNDCATCHER** soft  
round 1000 light acoustic  
suspended  
091-3180637B 091-312220D



Project / Type \_\_\_\_\_

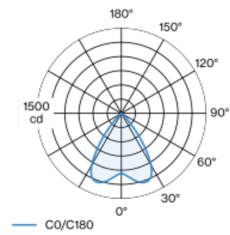
Notes \_\_\_\_\_

Count / Date \_\_\_\_\_



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



General

traffic white | RAL 9016 <sup>1</sup>  
marble grey  
PET felt (made of at least 50% post-consumer recycled material)  
IP20  
1580 lm

LED

4000 K  
CRI ≥ 80  
L90 / 50000 h  
initial MacAdam ≤ 3 SDCM  
MR 0.72 | MDER 0.65

Optical

Reflector dark chrome | symmetric  
UGR ≤ 19 | ≥65° <1500 cd/m²  
PstLM ≤ 1.0 <sup>2</sup> | SVM ≤ 0.4 <sup>2</sup>

Electrical

DALI-2 | 1 DALI Addr.  
PC1 | 220-240 V  
system 13.7 W  
system 115 lm/W <sup>3</sup>

Physical

rod 977 mm  
diameter 240 mm | height 45 mm

<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)
marble grey	1000	091-312220D

### 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



[091-3180637B 091-312220D] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.

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