

# MINO 60 S CIRCLE

## 1000 direct / indirect

suspended

034-7213638H



Project / Type	
Notes	
Count / Date	



### General

Ceiling , Suspended
black , RAL9005 <sup>1</sup>
IP20
indirect 3550 lm
direct 7300 lm
total 10850 lm

### LED

4000 K
CRI ≥ 80
L90 / 50000 h
photobio. safety RG 0 - no Risk
initial MacAdam ≤ 3 SDCM
MR 0.72
MDER 0.65

### Optical

High Performance Opal
PstLM ≤ 1.0 <sup>2</sup>
SVM ≤ 0.4 <sup>2</sup>

### Electrical

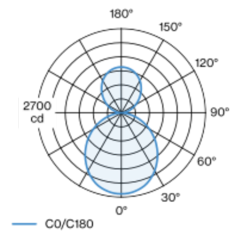
DALI-2
84 W
PC1 220-240V
129 lm/W
2 DALI Addr.

### Physical

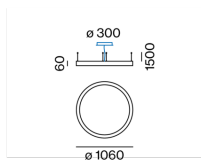
cable 1500 mm
length 1060 mm
width 60 mm
height 60 mm
centerline radius 500 mm
8 kg

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

### Light distribution



### Product drawing



### Lighting calculator



[034-7213638H] 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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### 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 Faktor	

<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	4
B13	5
B16	7
B20	8
C10	7
C13	9
C16	12
C20	15

