

# MINO 60 S CIRCLE

## 1500 direct / indirect

suspended

034-7411637H



Project / Type	
Notes	
Count / Date	



### General

Ceiling , Suspended	
white , RAL9010 <sup>1</sup>	
IP20	
indirect 5800 lm	
direct 10300 lm	
total 16100 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

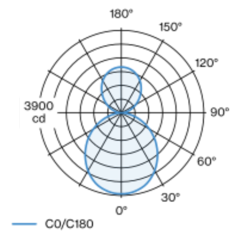
DALI-2	
119 W	
PC1 220-240V	
135 lm/W	
5 DALI Addr.	

### Physical

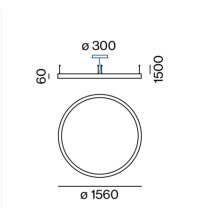
cable 1500 mm / canopy central	
length 1560 mm	
width 60 mm	
height 60 mm	
centerline radius 750 mm	
14 kg	

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

### Light distribution



### Product drawing



### Lighting calculator



[034-7411637H] 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	3
B13	4
B16	5
B20	7
C10	6
C13	8
C16	10
C20	12

