

# MINO 60 CIRCLE 1000

## direct

ceiling

034-2112538H

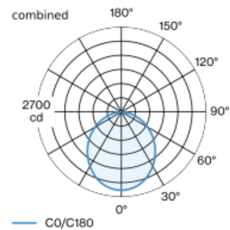


Project / Type	
Notes	
Count / Date	

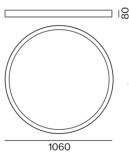


Ring-shaped light fitting in rolled and seamlessly welded extruded aluminium profile; suitable for ceiling mounting; surface black powder coated; LED light inset consisting of highly reflective lacquered aluminium for improved thermal management; light colour 3000 K; binning initial MacAdam  $\leq 3$  SDCM; CRI  $\geq 80$ ; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; HPO (High Performance Opal) cover for uniform illumination; degree of protection IP20; PC1 220-240V; photobiological safety according to IEC 62471 risk group RG 0 - no Risk; internal wiring in light halogen free; incl. DALI-2 converter; sound absorbing accessories available; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

### Light distribution



### Product drawing



### General

Ceiling , Surface	
black , RAL9005 <sup>1</sup>	
IP20	
6570 lm	

### LED

3000 K	
CRI $\geq 80$	
L90 / 50000 h	
photobio. safety RG 0 - no Risk	
initial MacAdam $\leq 3$ SDCM	
MR 0.56	
MDER 0.51	

### Optical

High Performance Opal	
PstLM $\leq 1.0$ <sup>2</sup>	
SVM $\leq 0.4$ <sup>2</sup>	

### Electrical

DALI-2	
53 W	
PC1 220-240V	
124 lm/W	
4 DALI Addr.	

### Physical

diameter 1060 mm	
height 80 mm	
centerline radius 500 mm	
7 kg	

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

### 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 <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	11
C20	14

### Acoustic accessories

#### MINO CIRCLE ACOUSTIC 1000 inlay

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
marble grey	937	034-270111D
black	937	034-270111L
white	937	034-270111W

