

# MINO 60 CIRCLE 1000

## direct / indirect

suspended  
034-2413538Z



Project / Type
Notes
Count / Date



### General

Ceiling , Suspended
black , RAL 9005 <sup>1</sup>
IP20
indirect 3010 lm
direct 5710 lm
total 8720 lm

### LED

3000 K
CRI ≥ 80
L90 / 50000 h
initial MacAdam ≤ 3 SDCM
MR 0.56
MDER 0.51

### Optical

Microprismatic
microprismatic
UGR < 19
PstLM ≤ 1.0 <sup>2 3</sup>
SVM ≤ 0.4 <sup>2 3</sup>

### Electrical

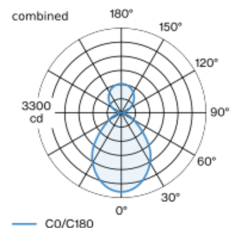
DALI-2
220-240 V
system 71 W
system 123 lm/W <sup>4</sup>
PC1
5 DALI Addr.

### Physical

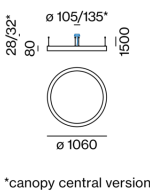
cable 1500 mm / canopy central
diameter 1060 mm
height 80 mm
centerline radius 500 mm
9 kg

<sup>1</sup> RAL code <sup>2</sup> combined  
<sup>3</sup> Value of containing product at full load (undimmed)  
<sup>4</sup> FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.

### Light distribution



### Product drawing



### Installation instructions



### 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	3
B13	5
B16	6
B20	7
C10	6
C13	8
C16	10
C20	12

### 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

