

MINO 60 CIRCLE 1000

direct / indirect

suspended
034-2413638H



Project / Type

Notes

Count / Date



General
Ceiling , Suspended
black , RAL9005 ¹
IP20
indirect 3430 lm
direct 7480 lm
total 10910 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

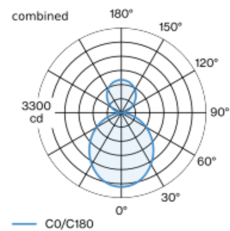
Optical
High Performance Opal
PstLM ≤ 1.0 ²
SVM ≤ 0.4 ²

Electrical
DALI-2
76 W
PC1 220-240V
144 lm/W
5 DALI Addr.

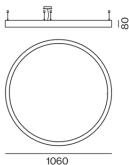
Physical
cable 1500 mm / canopy central
diameter 1060 mm
height 80 mm
centerline radius 500 mm
9 kg

¹ RAL code ² Value of containing product at full load (undimmed)

Light distribution



Product drawing



Lighting calculator



[‘034-2413638H’] 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 ^a	Room Surface Maintenance Factor	
MF	Maintenance Factor		LLMF	Lamp Lumens Maintenance Factor	
LMF ^a	Luminaire Maintenance Factor		LSF	Lamp Survival Faktor	

^a 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

