

034-211053GH



Project / Type

Notes

Count / Date



General

Ceiling , Surface

grey , RAL 9006 ¹

IP20

10500 lm

LED

3000 K

CRI ≥ 80

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

MR 0.56

MDER 0.51

Optical

High Performance Opal

opal (lambertsch)

$$\text{PstLM} \leq 1.0^{2,3}$$
$$SVM \leq 0.4^{2.3}$$

Electrical

DALI-2

220-240 V

system 83 W

system 127 lm/W⁴

PC1

4 DALI Addr.

Physical

diameter 1560 mm

height 80 mm

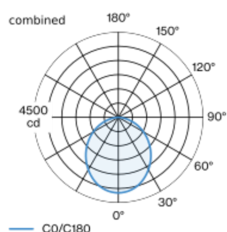
centerline radius 750 mm

12 kg

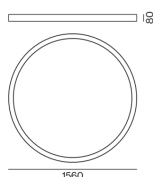
¹ RAL code ² combined³ Value of containing product at full load (undimmed)

⁴ 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



[034-211053GH] 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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MINO 60 CIRCLE 1500

direct

ceiling
034-211053GH



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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	4
B13	5
B16	7
B20	8
C10	7
C13	9
C16	11
C20	14

Acoustic accessories

MINO CIRCLE ACOUSTIC 1500 inlay

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
marble grey	1434	034-270211D
black	1434	034-270211L
white	1434	034-270211W

