

# MINO 60 CIRCLE 1500

direct

ceiling

034-211063GH



Project / Type

Notes

Count / Date



## General

Ceiling , Surface

grey , RAL9006 <sup>1</sup>

IP20

12000 lm

## LED

4000 K

CRI  $\geq$  80

L90 / 50000 h

photobio. safety RG 0 - no Risk

initial MacAdam  $\leq$  3 SDCM

MR 0.72

MDER 0.65

## Optical

High Performance Opal

PstLM  $\leq$  1.0 <sup>2</sup>

SVM  $\leq$  0.4 <sup>2</sup>

## Electrical

DALI-2

88 W

PC1 220-240V

136 lm/W

4 DALI Addr.

## Physical

diameter 1560 mm

height 80 mm

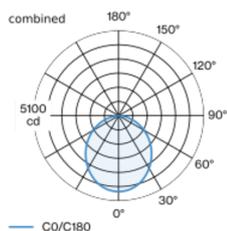
centerline radius 750 mm

12 kg

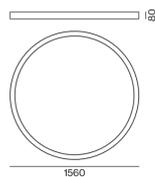
<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)

Ring-shaped light fitting in rolled and seamlessly welded extruded aluminium profile; suitable for ceiling mounting; LED light inset consisting of highly reflective lacquered aluminium for improved thermal management; energy efficient LEDs with high CRI; HPO (High Performance Opal) cover for uniform illumination; internal wiring in light halogen free; incl. converter, non dimmable; sound absorbing accessories available;

## Light distribution



## Product drawing



## 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 1500 inlay

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

