

# MINO 60 CIRCLE 1500

direct / indirect

suspended

034-2411637Z



Project / Type

Notes

Count / Date



## General

Ceiling , Suspended

white , RAL 9010 <sup>1</sup>

IP20

indirect 5490 lm

direct 10400 lm

total 15900 lm

## LED

4000 K

CRI  $\geq$  80

L90 / 50000 h

initial MacAdam  $\leq$  3 SDCM

MR 0.72

MDER 0.65

## Optical

Microprismatic

microprismatic

PstLM  $\leq$  1.0<sup>2 3</sup>

SVM  $\leq$  0.4<sup>2 3</sup>

## Electrical

DALI-2

220-240 V

system 114 W

system 139 lm/W<sup>4</sup>

PC1

5 DALI Addr.

## Physical

cable 1500 mm / canopy central

diameter 1560 mm

height 80 mm

centerline radius 750 mm

14 kg

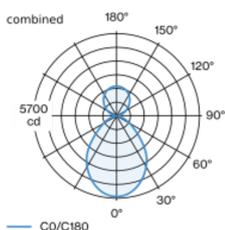
<sup>1</sup> RAL code <sup>2</sup> combined

<sup>3</sup> Value of containing product at full load (undimmed)

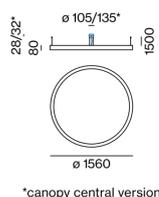
<sup>4</sup> FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.

Ring-shaped light fitting in rolled and seamlessly welded extruded aluminium profile; suspended luminaire with 1500mm cable suspension (canopy central); with integrated toolless suspension height adjustment on the luminaire; incl. feed (white); surface white powder coated; LED light inset consisting of highly reflective lacquered aluminium for improved thermal management; light colour 4000 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; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; direct/ indirect light emission for additional accentuation of the ceiling; indirect light component with special PCBs for increased luminous flux and maximum ceiling illumination; degree of protection IP20; PC1; 220-240 V; 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



## 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	4
B16	5
B20	7
C10	6
C13	7
C16	9
C20	11

## 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

