

034-2413637Z



Project / Type

Notes

Count / Date



General

Ceiling | Suspended

pure white | RAL 9010

IP20

indirect 3430 lm | direct 6500 lm

total 9930 lm

LED

4000 K

CRI ≥ 80

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

MR 0.72 | MDER 0.65

Optical

Microprismatic | microprismatic

 $UGR \leq 19$
$$\text{PstLM} \leq 1.0^{1/2} \mid \text{SVM} \leq 0.4^{1/2}$$

Electrical

DALI-2 | 5 DALI Addr.

PC1 | 220-240 V

system 71 W

system 140 lm/W³

Physical

cable 1500 mm / canopy central

diameter 1060 mm | height 80 mm

centerline radius 500 mm

9 kg

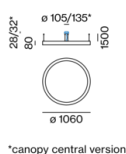
¹ combined ² Value of containing product at full load (undimmed)³ incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions



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 pure white powder coated; LED light inset consisting of highly reflective lacquered aluminium for improved thermal management; light colour 4000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 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;

Product drawing



MINO 60 CIRCLE 1000

direct / indirect

suspended
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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 Factor	

^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
anthracite	937	034-270111B
limestone	937	034-270111S

