

MINO 60 CIRCLE 1500

direct / indirect

suspended
034-221153GH



Project / Type _____

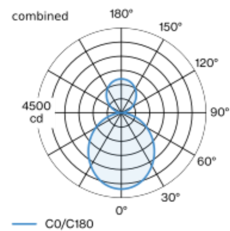
Notes _____

Count / Date _____

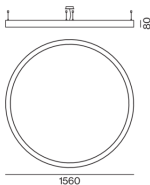


Ring-shaped light fitting in rolled and seamlessly welded extruded aluminium profile; suspended luminaire with 1500mm cable suspension; with integrated toolless suspension height adjustment on the luminaire; incl. feed (white); surface grey powder coated; LED light inset consisting of highly reflective lacquered aluminium for improved thermal management; light colour 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 80 ; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; HPO (High Performance Opal) cover for uniform illumination; 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



General

Ceiling , Suspended
grey , RAL 9006 ¹
IP20
indirect 4820 lm
direct 10500 lm
total 15300 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)
PstLM $\leq 1.0^2$ ³
SVM $\leq 0.4^2$ ³

Electrical

DALI-2
220-240 V
system 114 W
system 134 lm/W ⁴
PC1
5 DALI Addr.

Physical

cable 1500 mm
diameter 1560 mm
height 80 mm
centerline radius 750 mm
13 kg

¹ RAL code ² combined
³ Value of containing product at full load (undimmed)
⁴ incl. consideration of optical losses, internal control unit losses & operating device efficiency

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 ^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	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

