

MINO 60 CIRCLE 1500

direct / indirect

suspended

034-221163XH



Project / Type	
Notes	
Count / Date	



220-240V	X-PERT	CRI ≥ 80	5 ADDR.	X-PERT
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General

Ceiling , Suspended
special colours , RAL5014 ¹
IP20
indirect 5490 lm
direct 12000 lm
total 17500 lm

LED

4000 K
CRI ≥ 80
L90 / 50000 h
photobio. safety RG 0 - no Risk
initial MacAdam ≤ 3 SDCM
MR 0.72
MDER 0.65

Optical

High Performance Opal
opal (lambertsch)
PstLM ≤ 1.0 ²
SVM ≤ 0.4 ²

Electrical

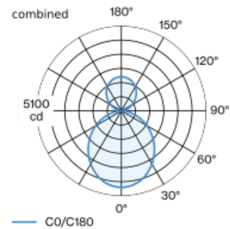
DALI-2
114 W
PC1 220-240V
154 lm/W
5 DALI Addr.

Physical

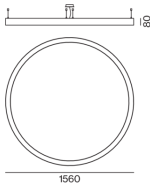
cable 1500 mm
diameter 1560 mm
height 80 mm
centerline radius 750 mm
13 kg

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

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 ^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	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

