

MINO 60 S CIRCLE

1000 direct / indirect

suspended
034-7213538H



Project / Type _____

Notes _____

Count / Date _____



General

Ceiling , Suspended
black , RAL9005 ¹
IP20
indirect 3120 lm
direct 6420 lm
total 9540 lm

LED

3000 K
CRI ≥ 80
L90 / 50000 h
photobio. safety RG 0 - no Risk
initial MacAdam ≤ 3 SDCM
MR 0.56
MDER 0.51

Optical

High Performance Opal
PstLM ≤ 1.0 ²
SVM ≤ 0.4 ²

Electrical

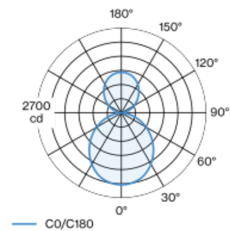
DALI-2
84 W
PC1 220-240V
114 lm/W
2 DALI Addr.

Physical

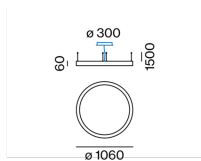
cable 1500 mm
length 1060 mm
width 60 mm
height 60 mm
centerline radius 500 mm
8 kg

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

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 ^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	4
B13	5
B16	7
B20	8
C10	7
C13	9
C16	12
C20	15

