

MINO 60 S CIRCLE

1500 direct

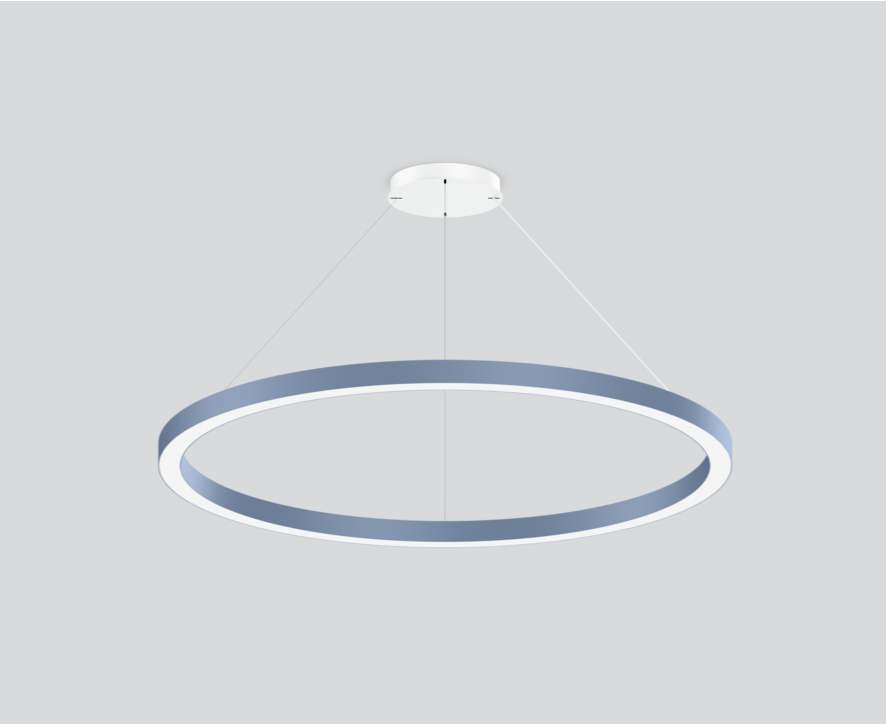
suspended
034-741063XH



Project / Type _____

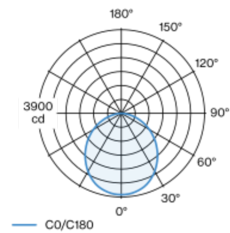
Notes _____

Count / Date _____



Ring-shaped light fitting in rolled and seamlessly welded extruded aluminium profile; flat design; suspended luminaire with 1500mm cable suspension (canopy central); height adjustment without tools; incl. feed (white); surface special colours powder coated; extruded profile 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; HPO (High Performance Opal) cover for uniform illumination; degree of protection IP20; PC1; 220-240 V; incl. DALI-2 converter; converter included in canopy; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



General

Ceiling , Suspended _____
special colours _____
IP20 _____
10300 lm _____

LED

4000 K _____
CRI ≥ 80 _____
L90 / 50000 h _____
initial MacAdam ≤ 3 SDCM _____
MR 0.72 _____
MDER 0.65 _____

Optical

High Performance Opal _____
opal (lambertsch) _____
PstLM ≤ 1.0 ¹ _____
SVM ≤ 0.4 ¹ _____

Electrical

DALI-2 _____
220-240 V _____
system 83 W _____
system 124 lm/W² _____
PC1 _____
1 DALI Addr. _____

Physical

cable 1500 mm / canopy central _____
diameter 1560 mm _____
height 60 mm _____
centerline radius 750 mm _____
13 kg _____

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

Installation instructions



Lighting calculator



MINO 60 S CIRCLE

1500 direct

suspended
034-741063XH



Project / Type

Notes

Count / Date

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

MF

Maintenance Factor

LMF^a

Luminaire Maintenance Factor

RSMF^a

Room Surface Maintenance Factor

LLMF

Lamp Lumens 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	6
B13	8
B16	10
B20	12
C10	10
C13	13
C16	16
C20	20