

# MINO 60 CIRCLE 6000

## direct

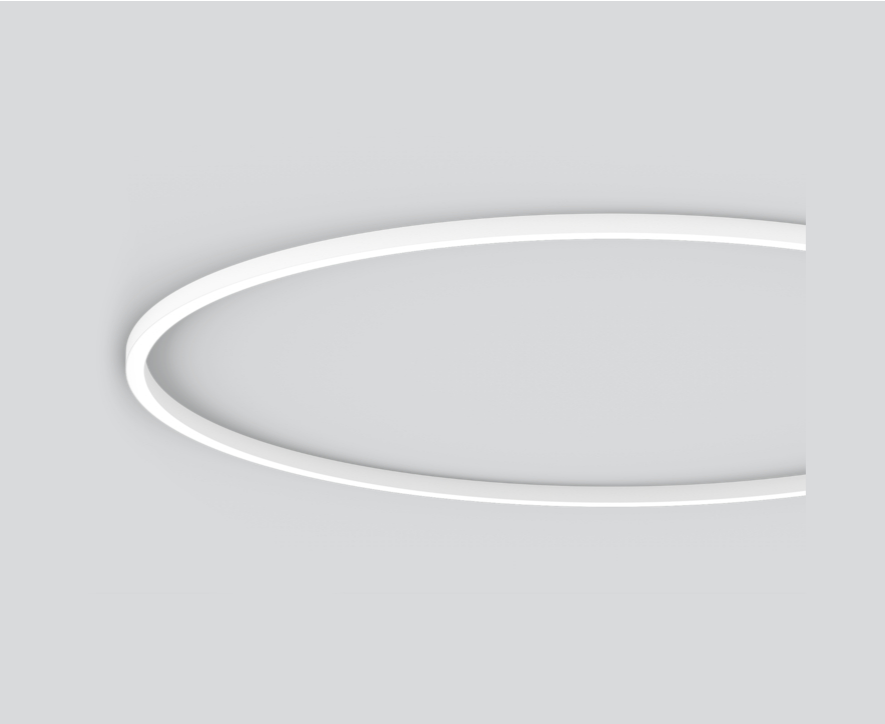
ceiling  
034-2116637H



Project / Type \_\_\_\_\_

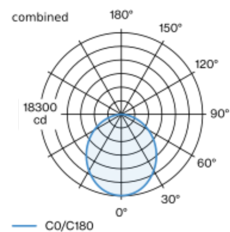
Notes \_\_\_\_\_

Count / Date \_\_\_\_\_

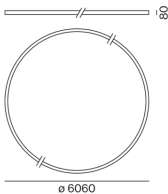


Ring-shaped light fitting in rolled and seamlessly welded extruded aluminium profile; suitable for ceiling mounting; LED light inset consisting of highly reflective lacquered aluminium for improved thermal management; energy efficient LEDs with high CRI; HPO (High Performance Opal) cover for uniform illumination; internal wiring in light halogen free; incl. converter, non dimmable;

### Light distribution



### Product drawing



### General

Ceiling , Surface \_\_\_\_\_

white , RAL9010 <sup>1</sup> \_\_\_\_\_

IP20 \_\_\_\_\_

48100 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 \_\_\_\_\_

PstLM ≤ 1.0 <sup>2</sup> \_\_\_\_\_

SVM ≤ 0.4 <sup>2</sup> \_\_\_\_\_

### Electrical

DALI-2 \_\_\_\_\_

334 W \_\_\_\_\_

PC1 220-240V \_\_\_\_\_

144 lm/W \_\_\_\_\_

16 DALI Addr. \_\_\_\_\_

### Physical

diameter 6060 mm \_\_\_\_\_

height 80 mm \_\_\_\_\_

centerline radius 3000 mm \_\_\_\_\_

41 kg \_\_\_\_\_

<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)

### 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

MF

LMF<sup>a</sup>

LMF × RSMF × LLMF × LSF

Maintenance Factor

Luminaire Maintenance Factor

RSMF<sup>a</sup>

LLMF

LSF

Room Surface Maintenance Factor

Lamp Lumens Maintenance Factor

Lamp Survival Faktor

<sup>a</sup> 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	1
B13	1
B16	1
B20	2
C10	1
C13	2
C16	2
C20	3

