

# MINO 60 CIRCLE 1500

direct

suspended

034-241053GH

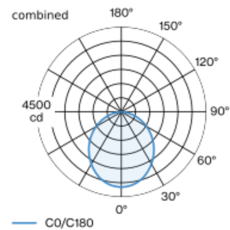


Project / Type	
Notes	
Count / Date	

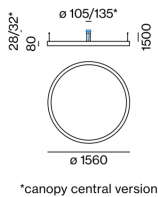


Ring-shaped light fitting in rolled and seamlessly welded extruded aluminium profile; suspended luminaire with 1500mm cable suspension (canopy central); with integrated toolless suspension height adjustment on the luminaire; incl. feed (white); surface grey powder coated; LED light inset consisting of highly reflective lacquered aluminium for improved thermal management; light colour 3000 K; binning initial MacAdam  $\leq 3$  SDCM; CRI  $\geq 80$ ; 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; 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 <sup>1</sup>	
IP20	
10500 lm	

## LED

3000 K	
CRI $\geq 80$	
L90 / 50000 h	
initial MacAdam $\leq 3$ SDCM	
MR 0.56	
MDER 0.51	

## Optical

High Performance Opal	
opal (lambertsch)	
PstLM $\leq 1.0^2$ <sup>3</sup>	
SVM $\leq 0.4^2$ <sup>3</sup>	

## Electrical

DALI-2	
220-240 V	
system 83 W	
system 127 lm/W <sup>4</sup>	
PC1	
4 DALI Addr.	

## Physical

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

<sup>1</sup> RAL code <sup>2</sup> combined  
<sup>3</sup> Value of containing product at full load (undimmed)  
<sup>4</sup> 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 <sup>a</sup> Room Surface Maintenance Factor		
MF	Maintenance Factor		LLMF Lamp Lumens Maintenance Factor		
LMF <sup>a</sup>	Luminaire Maintenance Factor		LSF Lamp Survival Factor		

<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	4
B13	5
B16	7
B20	8
C10	7
C13	9
C16	11
C20	14

## 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

