

# MINO 60 mid lumen

ceiling offset

046-47L861GH



Project / Type	
Notes	
Count / Date	



## General

Ceiling , Surface	
grey , RAL9006 <sup>1</sup>	
1320 lm/m	
IP20	
Ball impact resistant DIN 18032-3	
3090 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

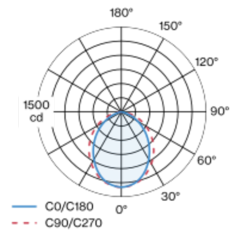
non DIM	
26.6 W	
PC1 220-240V	
116 lm/W	
11 W/m	

## Physical

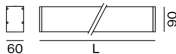
length 2347 mm	
width 60 mm	
height 90 mm	
5.8 kg	

<sup>1</sup> RAL code <sup>2</sup> 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 <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 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	22
B13	29
B16	36
B20	45
C10	37
C13	48
C16	61
C20	76

