

MINO 60 mid lumen

ceiling offset
046-47L2518H



Project / Type

Notes

Count / Date



General

Ceiling , Surface

black , RAL9005 ¹

1050 lm/m

IP20

Ball impact resistant DIN 18032-3

601 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

non DIM

7.5 W

PC1 220-240V

80 lm/W

13 W/m

Physical

length 575 mm

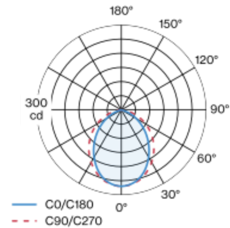
width 60 mm

height 90 mm

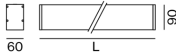
1.75 kg

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

Light distribution



Product drawing



Installation instructions



Lighting calculator



MINO 60 mid lumen

ceiling offset
046-47L2518H



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

MF

LMF^a

LMF × RSMF × LLMF × LSF

Maintenance Factor

Luminaire Maintenance Factor

RSMF^a

LLMF

LSF

Room Surface Maintenance Factor

Lamp Lumens Maintenance Factor

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	23
B13	30
B16	36
B20	46
C10	35
C13	50
C16	60
C20	76

