

# MINO 60 mid lumen

suspended

046-42L3518G



Project / Type

Notes

Count / Date



220-240V

X-PERT

UGR  
≤ 19

cd/m²  
≤ 3000

CRI  
≥ 80

X-PERT

### General

Ceiling , Suspended

black , RAL9005 <sup>1</sup>

1230 lm/m

IP20

1070 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

Microprismatic

microprismatic

UGR < 19 , ≥ 65° < 3000 cd/m²

PstLM ≤ 1.0 <sup>2</sup>

SVM ≤ 0.4 <sup>2</sup>

### Electrical

non DIM

10.3 W

PC1 220-240V

104 lm/W

12 W/m

### Physical

cabl 1500 mm

length 880 mm

width 60 mm

height 80 mm

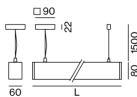
2.85 kg

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

### Light distribution



### Product drawing



### Installation instructions



### Lighting calculator



# MINO 60 mid lumen

suspended

046-42L3518G



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		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	9
B13	13
B16	15
B20	18
C10	18
C13	26
C16	30
C20	36

