

MINO 40 high lumen

surface

042-1122138Z



Project / Type	
Notes	
Count / Date	



General

Ceiling , Surface	
black , RAL 9005 ¹	
IP20	
2000 lm	
2000 lm/m	

LED

4000 K	
CRI ≥ 90	
L90 / 50000 h	
initial MacAdam ≤ 3 SDCM	
R _g : 99 , R _r : 92 , R _{t(1-15)} : 90	
MR 0.81	
MDER 0.74	

Optical

Microprismatic	
microprismatic	
PstLM ≤ 1.0 ²	
SVM ≤ 0.4 ²	

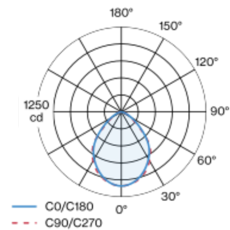
Electrical

DALI-2	
220-240 V	
system 18.5 W	
system 108 lm/W ³	
PC1	
18 W/m	

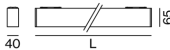
Physical

length 1008 mm	
width 40 mm	
height 65 mm	
1.75 kg	

Light distribution



Product drawing



¹ RAL code ² Value of containing product at full load (undimmed)
³ incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions



Lighting calculator



MINO 40 high lumen

surface

042-1122138Z



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

MF

Maintenance Factor

LMF^a

Luminaire Maintenance Factor

RSMF^a

Room Surface Maintenance Factor

LLMF

Lamp Lumens Maintenance Factor

LSF

Lamp Survival Factor

^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	13
B13	17
B16	21
B20	27
C10	21
C13	28
C16	35
C20	45

