

MINO 60 high lumen

ceiling / suspended system

007-93M8137 006-16232H 046-400801G



Project / Type	
Notes	
Count / Date	



General

Ceiling , Suspended	
grey , RAL9006 ¹	
2200 lm/m	
IP20	
5150 lm	

LED

4000 K	
CRI ≥ 90	
L90 / 50000 h	
photobio. safety RG 0 - no Risk	
initial MacAdam ≤ 3 SDCM	
R _g : 99 , R _f : 92 , R _{t(1-5)} : 90	
MR 0.81	
MDER 0.74	

Optical

High Performance Opal	
PstLM ≤ 1.0 ²	
SVM ≤ 0.4 ²	

Electrical

DALI-2	
47 W	
PC1 220-240V	
110 lm/W	
1 DALI Addr.	
20 W/m	

Physical

trim	
length 2344 mm	
width 60 mm	
height 80 mm	
5.5 kg	

Product drawing



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

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 ^a	Room Surface Maintenance Factor	
MF	Maintenance Factor		LLMF	Lamp Lumens Maintenance Factor	
LMF ^a	Luminaire Maintenance Factor		LSF	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	7
B13	10
B16	12
B20	14
C10	10
C13	20
C16	24
C20	28

Mounting accessories

END CAPS

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
1 pair	traffic white	60-40-4	046-5010017
1 pair	jet black	60-40-4	046-5010018
1 pair	white aluminium	60-40-4	046-501001G
1 pair	special colours	60-40-4	046-501001X



Mounting accessories

LINEAR CONNECTOR

TYPE	ARTICLE NUMBER(S)
1 piece	005-40046
10 pieces	005-40046.10



OPAL COVER LINEAR CONNECTOR

ARTICLE NUMBER(S)
006-14000

Mounting accessories

CEILING CLIP

COLOUR	ARTICLE NUMBER(S)
transparent	034-11636



Mounting accessories

CABLE SUSPENSION

ARTICLE NUMBER(S)
005-2122110



CABLE RAIL

Ø (MM)	ARTICLE NUMBER(S)
1200	005-2491110



[007-93M8137 006-16232H 046-400801G] The technical data represent rated values for an ambient temperature of 23°C or the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.

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Electrical accessories

THROUGH WIRE

TYPE	ARTICLE NUMBER(S)
3 x 1,5 mm ² 10 pieces	004-90003
5 x 1,5 mm ² 10 pieces	004-90005



Electrical accessories

CANOPY / FEEDER CABLE

TYPE	COLOUR	ARTICLE NUMBER(S)
3 x 1,5 mm ²	traffic white	005-2212317
3 x 1,5 mm ²	jet black	005-2212318
5 x 1,5 mm ²	pure white	005-2212417
5 x 1,5 mm ²	jet black	005-2212418

