

MINO 60 high lumen

ceiling / suspended system

007-93M8537 006-16232Z 046-4008018



Project / Type

Notes

Count / Date



General

Ceiling , Suspended

black , RAL9005 ¹

2050 lm/m

IP20

4800 lm

LED

3000 K

CRI \geq 80

L90 / 50000 h

photobio. safety RG 0 - no Risk

initial MacAdam \leq 3 SDCM

MR 0.56

MDER 0.51

Optical

Microprismatic

PstLM \leq 1.0 ²

SVM \leq 0.4 ²

Electrical

DALI-2

47 W

PC1 220-240V

102 lm/W

1 DALI Addr.

20 W/m

Physical

trim

length 2344 mm

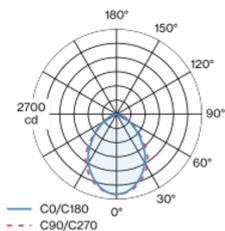
width 60 mm

height 80 mm

5.8 kg

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

Light distribution



Product drawing



[007-93M8537 006-16232Z 046-4008018] The technical data represent rated values for an ambient temperature of 25°C. The data values for 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.

© XAL GmbH · Auer-Welsbach-Gasse 36 · 8055 Graz · Austria · www.xal.com

06.05.2024

1 / 3

Installation instructions



Lighting calculator



MINO 60 high lumen

ceiling / suspended system

007-93M8537 006-16232Z 046-4008018



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 ^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



[007-93M8537 006-16232Z 046-4008018] The technical data represent rated values for an ambient temperature of 25°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.

© XAL GmbH · Auer-Welsbach-Gasse 36 · 8055 Graz · Austria · www.xal.com

06.05.2024

2 / 3

MINO 60 high lumen

ceiling / suspended system

007-93M8537 006-16232Z 046-4008018



Project / Type

Notes

Count / Date

Electrical accessories

THROUGH WIRE

TYPE

3 x 1,5 mm² | 10 pieces

5 x 1,5 mm² | 10 pieces

ARTICLE NUMBER(S)

004-90003

004-90005



Electrical accessories

CANOPY / FEEDER CABLE

TYPE

3 x 1,5 mm²

3 x 1,5 mm²

5 x 1,5 mm²

5 x 1,5 mm²

COLOUR

traffic white

jet black

pure white

jet black

ARTICLE NUMBER(S)

005-2212317

005-2212318

005-2212417

005-2212418

