

# MINO 40 reflector

ceiling / suspended system

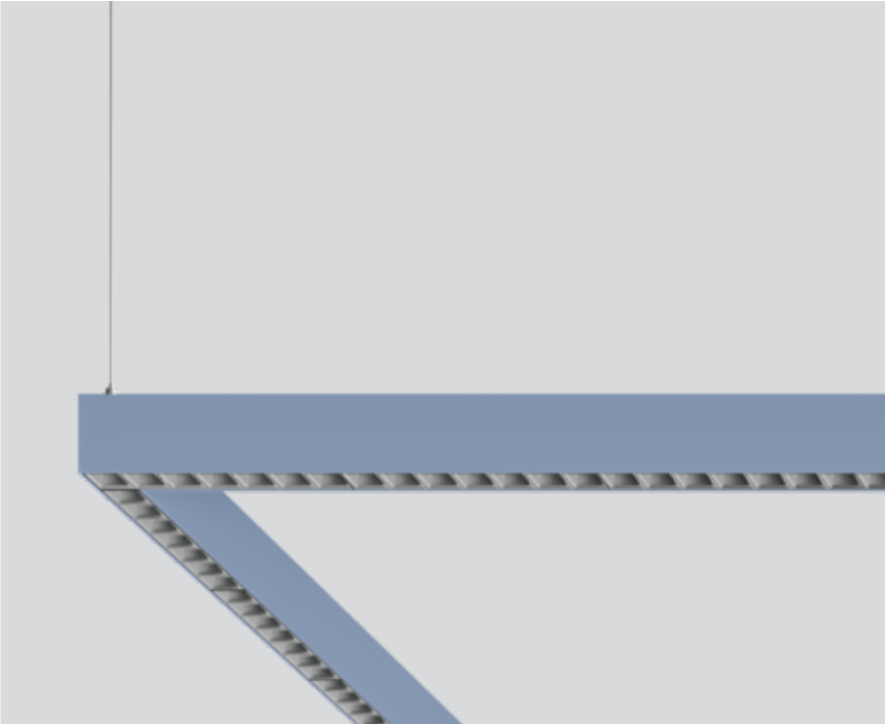
042-0112137B 042-100201X



Project / Type

Notes

Count / Date



### General

Ceiling , Suspended

special colours

Reflector dark chrome

IP20

2430 lm

2430 lm/m

### LED

4000 K

CRI ≥ 90

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

R<sub>g</sub>: 99 , R<sub>f</sub>: 92 , R<sub>(1-15)</sub>: 90

MR 0.81

MDER 0.74

### Optical

Reflector

symmetric

UGR ≤ 19 , ≥65° <1500 cd/m<sup>2</sup>

P<sub>stLM</sub> ≤ 1.0<sup>1</sup>

SVM ≤ 0.4<sup>1</sup>

### Electrical

DALI-2

220-240 V

system 24.4 W

system 100 lm/W<sup>2</sup>

PC1

1 DALI Addr.

24 W/m

### Physical

length 1000 mm

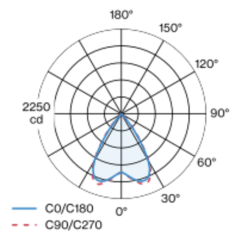
width 40 mm

height 65 mm

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

<sup>2</sup> incl. consideration of optical losses, internal control unit losses & operating device efficiency

### Light distribution



### Product drawing



### Installation instructions





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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 <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 Factor	

<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	36
B13	47
B16	58
C10	36
C13	78
C16	58

## Components

### INSTALLATION CHANNEL

COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
special colours	1000-40-65	042-100201X



## Mounting accessories

### END CAPS

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
1 pair	pure white	65-40-4	042-1090017
1 pair	jet black	65-40-4	042-1090018
1 pair	white aluminium	65-40-4	042-109001G
1 pair	special colours	65-40-4	042-109001X
1 pair	traffic white	65-40-4	042-109001W



## Mounting accessories

### LINEAR CONNECTOR

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
mechanical	jet black	120-36-14	042-7091110
mechanical & electrical	jet black	120-36-14	042-7091230



### OPAL COVER LINEAR CONNECTOR

COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
pure white	120-36-14	042-1091910



### MICROPRISMATIC COVER LINEAR CONNECTOR

COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
pure white	120-36-14	042-1091810



[\*042-0112137B 042-100201X\*] 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.  
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### CEILING FASTENER

COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
traffic white	67-31-8	050-2041117
jet black	67-31-8	050-2041118



### CABLE SUSPENSION

COLOUR	ARTICLE NUMBER(S)
chrome	005-2152110



### CANOPY

COLOUR	ARTICLE NUMBER(S)
traffic white	005-2311217
jet black	005-2311218



## Electrical accessories

### POWER FEEDER UNIT

L-W-H (MM)	ARTICLE NUMBER(S)
80-36-17	042-1093230



## Electrical accessories

### FEEDER CABLE

COLOUR	ARTICLE NUMBER(S)
pure white	005-2412417
jet black	005-2412418



## Optical accessories

### BLIND COVER

TYPE	COLOUR	ARTICLE NUMBER(S)
1000 mm	traffic white	006-4210017B
1000 mm	jet black	006-4210018B
1000 mm	white aluminium	006-421001GB
2000 mm	traffic white	006-4220017B
2000 mm	jet black	006-4220018B
2000 mm	white aluminium	006-422001GB
3000 mm	traffic white	006-4230017B
3000 mm	jet black	006-4230018B
3000 mm	white aluminium	006-423001GB
1000 mm	special colours	006-421001XB
2000 mm	special colours	006-422001XB
3000 mm	special colours	006-423001XB



### CONTINUOUS LINEAR COVER

TYPE	ARTICLE NUMBER(S)
25000 mm	006-2225010H
6000 mm	006-2206010H

