

# MINO 40 flex high lumen

ceiling / suspended system

042-012F137 006-4210010Z 042-1002018



Project / Type

Notes

Count / Date



### General

Ceiling | Suspended

black | RAL 9005 <sup>1</sup>

IP20

2000 lm

2000 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>f(1-15)</sub>: 90

MR 0.81 | MDER 0.74

### Optical

Microprismatic | microprismatic

P<sub>stLM</sub> ≤ 1.0<sup>2 3 4 5 6 7 8 9 10 11</sup> | SVM ≤ 0.4<sup>2 3 4 5 6 7 8 9 10 11</sup>

### Electrical

DALI-2

PC1 | 220-240 V

system 18.5 W

system 108 lm/W <sup>12</sup>

18 W/m

### Physical

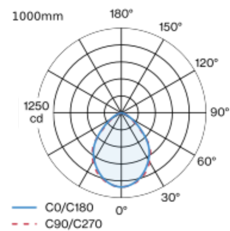
length 1000 mm | width 40 mm | height 65 mm

2.21 kg

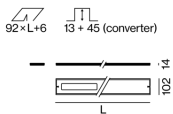
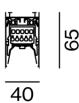
L (mm): 500 - 1000, breakable every 62.5mm

Luminaire housing made of extruded aluminium profile; angular design; for continuous lighting systems; light tight final end caps made of aluminium (available as an accessory); no visible screws; surface black powder coated; for ceiling surface mounting or suspended mounting (1500 mm cable suspension as an accessory); height adjustment without tools; luminaire profile can be pre-mounted; pre-assembled power rail for power supply in luminaire profile; voltage tap of the light inset on the power rail; remaining lamp components mounted without tools; LED light inset consisting of highly reflective lacquered aluminium for improved thermal management; light colour 4000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; degree of protection IP20; PC1; 220-240 V; internal wiring in light halogen free; incl. DALI-2 converter; accessories are listed separately; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

### Light distribution



### Product drawing



<sup>1</sup> RAL code <sup>2</sup> 1000mm <sup>3</sup> 875mm <sup>4</sup> 625mm <sup>5</sup> 750mm <sup>6</sup> 562.5mm  
<sup>7</sup> 687.5mm <sup>8</sup> 812.5mm <sup>9</sup> 500mm <sup>10</sup> 937.5mm  
<sup>11</sup> Value of containing product at full load (undimmed)  
<sup>12</sup> incl. consideration of optical losses, internal control unit losses & operating device efficiency

### 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 <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	21
B13	27
B16	34
B20	42
C10	35
C13	45
C16	56
C20	70

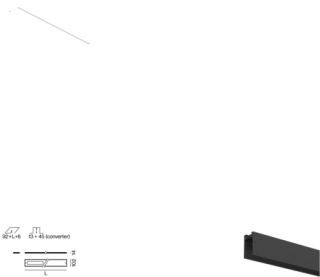
## Components

### LINEAR COVER

ARTICLE NUMBER(S)  
006-4210010Z

### INSTALLATION CHANNEL

COLOUR jet black L-W-H (MM) 1000-40-65 ARTICLE NUMBER(S) 042-1002018



## Mounting accessories

### END CAPS trimless

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

### MICROPRISMATIC COVER LINEAR CONNECTOR

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



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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	L-W-H (MM)	ARTICLE NUMBER(S)
traffic white	90-90-22	005-2311217
jet black	90-90-22	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

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



### CONTINUOUS LINEAR COVER

ARTICLE NUMBER(S)
006-2225010H
006-2206010H

