

MINO 60 mid lumen

ceiling / suspended system

007-93L8017 006-16232Z 046-4008018



Project / Type	
Notes	
Count / Date	



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); with integrated toolless suspension height adjustment on the luminaire; spring clip attachment to the luminaire; freely positionable; luminaire profile for mounting available in advance; remaining lamp components mounted without tools; LED light inset consisting of highly reflective lacquered aluminium for improved thermal management; light colour 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90 ; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; degree of protection IP20; PC1; 220-240 V; internal wiring in light halogen free; incl. converter, non dimmable; accessories are listed separately; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



General

Ceiling , Suspended
black , RAL9005 ¹
IP20
2460 lm
1050 lm/m

LED

3000 K
CRI ≥ 90
L90 / 50000 h
initial MacAdam ≤ 3 SDCM
R _g : 99 , R _r : 91 , R _{t(1-15)} : 89
MR 0.61
MDER 0.55

Optical

Microprismatic
microprismatic

Electrical

non DIM
220-240 V
system 26.6 W
PC1
system 92 lm/W ²
11 W/m

Physical

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

¹ RAL code
² incl. optical losses and the efficiency of the operating device (converter)

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	15
B13	19
B16	24
B20	30
C10	25
C13	32
C16	40
C20	49

Components

LIGHT OPTIC COVER

TYPE	ARTICLE NUMBER(S)
microprismatic	006-16232Z

INSTALLATION CHANNEL

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
2344 mm	jet black	2344-60-80	046-4008018



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



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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



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	L-W-H (MM)	ARTICLE NUMBER(S)
3 x 1,5 mm ²	traffic white	90-90-22	005-2212317
3 x 1,5 mm ²	jet black	90-90-22	005-2212318
5 x 1,5 mm ²	pure white	90-90-22	005-2212417
5 x 1,5 mm ²	jet black	90-90-22	005-2212418

