

MINO 100 mid lumen

suspended

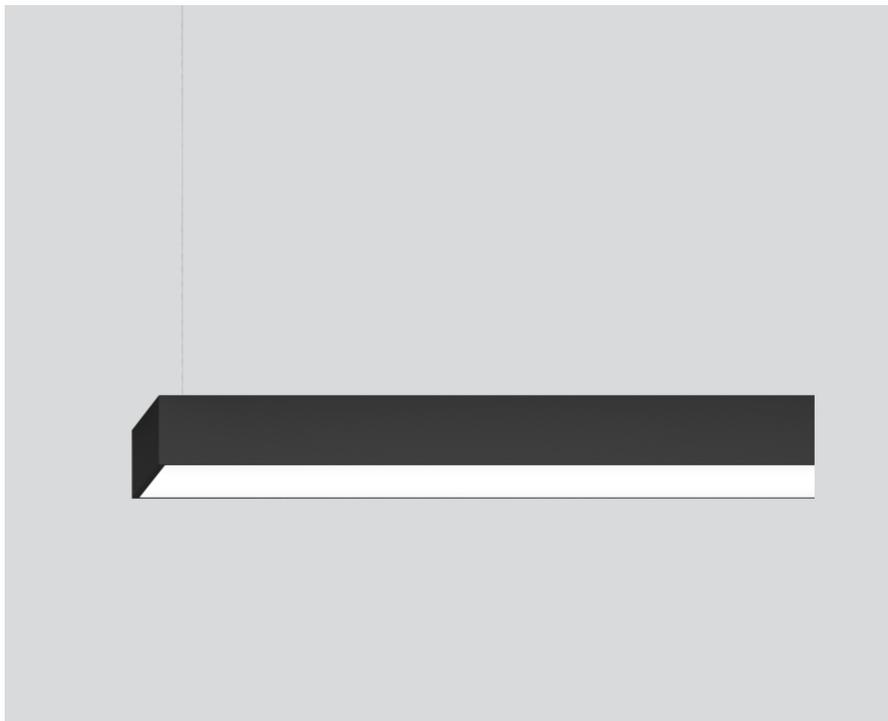
056-42L4618H



Project / Type _____

Notes _____

Count / Date _____



General

Ceiling , Suspended _____

black , RAL9005 ¹ _____

1830 lm/m _____

IP20 _____

2140 lm _____

LED

4000 K _____

CRI \geq 80 _____

L90 / 50000 h _____

photobio. safety RG 0 - no Risk _____

initial MacAdam \leq 3 SDCM _____

MR 0.72 _____

MDER 0.66 _____

Optical

High Performance Opal _____

opal (lambertsch) _____

PstLM \leq 1.0 ² _____

SVM \leq 0.4 ² _____

Electrical

non DIM _____

system 15.3 W _____

PC1 220-240V _____

system 140 lm/W³ _____

13 W/m _____

Physical

cable 1500 mm _____

length 1188 mm _____

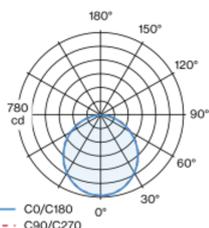
width 102 mm _____

height 82 mm _____

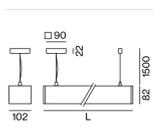
4.3 kg _____

Luminaire housing made of extruded aluminium profile; light tight final end caps made of aluminium; no visible screws; angular design; surface black powder coated; suspended luminaire with 1500mm cable suspension; with integrated toolless suspension height adjustment on the luminaire; spring clip attachment to the luminaire; freely positionable; incl. transparent feed; lighting profile (end cover pre-assembled) available in advance for installation; 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 \leq 3 SDCM; CRI \geq 80; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; HPO (High Performance Opal) cover for uniform illumination; degree of protection IP20; PC1 220-240V; photobiological safety according to IEC 62471 risk group RG 0 - no Risk; internal wiring in light halogen free; incl. converter, non dimmable; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



¹ RAL code ² Value of containing product at full load (undimmed)
³ 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	0.91	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	29
B13	38
B16	48
B20	60
C10	49
C13	64
C16	80
C20	100