

MINO 40 reflector

suspended

042-121603GB



Project / Type

Notes

Count / Date



General

Ceiling | Suspended

grey | RAL 9006 ¹

Reflector dark chrome

IP20

6560 lm

2190 lm/m

LED

3000 K

CRI ≥ 90

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 99 | R_f: 91 | R₍₁₋₁₅₎: 89

MR 0.61 | MDER 0.55

Optical

Reflector | Symmetric

UGR ≤ 16 | ≥65° <1500 cd/m²

PstLM ≤ 1.0 ² | SVM ≤ 0.4 ²

Electrical

DALI-2

PC1 | 220-240 V

system 67 W

system 98 lm/W ³

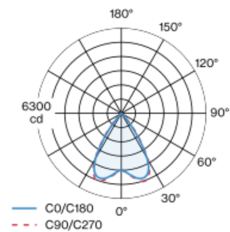
22 W/m

Physical

length 3008 mm | width 40 mm | height 65 mm

Luminaire housing made of extruded aluminium profile; light tight final end caps made of aluminium; no visible screws; angular design; surface grey powder coated; suspended luminaire with 1500mm cable suspension; height adjustment without tools; incl. feed (white); luminaire profile can be pre-mounted; remaining lamp components mounted without tools; LED light inset incl. high gloss reflector with faceted design; Reflector dark chrome; 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; UGR ≤ 16; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 1500 cd/m²; degree of protection IP20; PC1; 220-240 V; internal wiring in light halogen free; incl. DALI-2 converter; 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. 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

MF

LMF^a

LMF × RSMF × LLMF × LSF

Maintenance Factor

Luminaire Maintenance Factor

RSMF^a

LLMF

LSF

Room Surface Maintenance Factor

Lamp Lumens Maintenance Factor

Lamp Survival Factor

^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	13
B13	17
B16	21
B20	27
C10	21
C13	28
C16	35
C20	45

