

MINO 40 reflector

suspended

042-1216038B



Project / Type
Notes
Count / Date



General

Ceiling , Suspended
black , RAL 9005 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/m ²
PstLM ≤ 1.0 ²
SVM ≤ 0.4 ²

Electrical

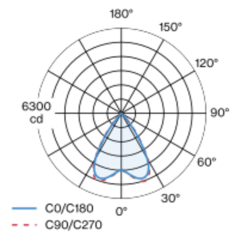
DALI-2
220-240 V
system 67 W
system 98 lm/W ³
PC1
22 W/m

Physical

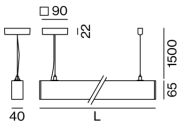
length 3008 mm
width 40 mm
height 65 mm

Luminaire housing made of extruded aluminium profile; light tight final end caps made of aluminium; no visible screws; angular design; surface black powder coated; suspended luminaire with 1500mm cable suspension; height adjustment without tools; incl. feed (black); 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 FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: 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 ^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	13
B13	17
B16	21
B20	27
C10	21
C13	28
C16	35
C20	45

