

MILA opal

ceiling system

045-9024138 006-4212510H



Project / Type
Notes
Count / Date



General

Ceiling , Recessed
black , RAL 9005 ¹
IP20
3060 lm
2450 lm/m

LED

4000 K
CRI ≥ 90
L90 / 50000 h
initial MacAdam ≤ 3 SDCM
R _g : 99 , R _r : 92 , R _{t(1-5)} : 90
MR 0.81
MDER 0.74

Optical

High Performance Opal
opal (lambertsch)
PstLM ≤ 1.0 ²
SVM ≤ 0.4 ²

Electrical

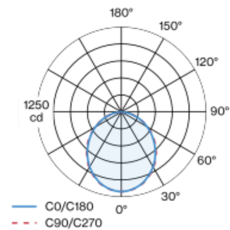
DALI-2
220-240 V
system 28.2 W
system 109 lm/W ³
PC2
23 W/m

Physical

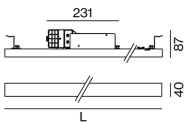
length 1250 mm
width 38 mm
height 77 mm
1 kg

Luminaire housing made of extruded aluminium profile; angular design; for continuous lighting systems; light-tight end caps in aluminium (available as an accessory); surface black powder coated; suitable for installation in the HAUFÉ louvre ceiling system; extruded profile 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; HPO (High Performance Opal) cover for uniform illumination; degree of protection IP20; PC2; 220-240 V; incl. DALI-2 converter; converter flexible positionable on the luminaire profile; converter suitable for through-wiring; accessories are listed separately; 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	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 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	37
B16	60
C10	37
C16	60

Components

LINEAR COVER

TYPE	ARTICLE NUMBER(S)
1250 mm	006-4212510H



Mounting accessories

END CAPS

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
1 pair	traffic white	40-2-25	045-9090017
1 pair	jet black	40-2-25	045-9090018



Mounting accessories

MECHANICAL LINEAR CONNECTOR

ARTICLE NUMBER(S)
045-9091010



Electrical accessories

ESSENTIAL SENSOR

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
brightness & presence	traffic white	90-47-55	045-9096017
brightness & presence	jet black	90-47-55	045-9096018





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Optical accessories

CONTINUOUS LINEAR COVER

TYPE	ARTICLE NUMBER(S)
6000 mm	006-2206010H
6000 mm	006-2206010Z
25000 mm	006-2225010H
25000 mm	006-2225010Z