

FRAME 100 high lumen

trim

052-43M8617G



Project / Type

Notes

Count / Date



General

Ceiling | Recessed
traffic white | RAL 9016
IP20
6350 lm
2710 lm/m

LED

4000 K
CRI \geq 80
L90 / 50000 h
initial MacAdam \leq 3 SDCM
MR 0.72 | MDER 0.66

Optical

Microprismatic | microprismatic
UGR \leq 19
PstLM \leq 1.0¹ | SVM \leq 0.4¹

Electrical

non DIM
PC1 | 220-240 V
system 55 W
system 115 lm/W²
24 W/m

Physical

trim
length 2368 mm | width 120 mm | height 82 mm
8.1 kg

Cutout

length 2356 mm | width 108 mm
min. ceiling thickness 8 mm | max. ceiling
thickness 25 mm
recessed depth 108 mm

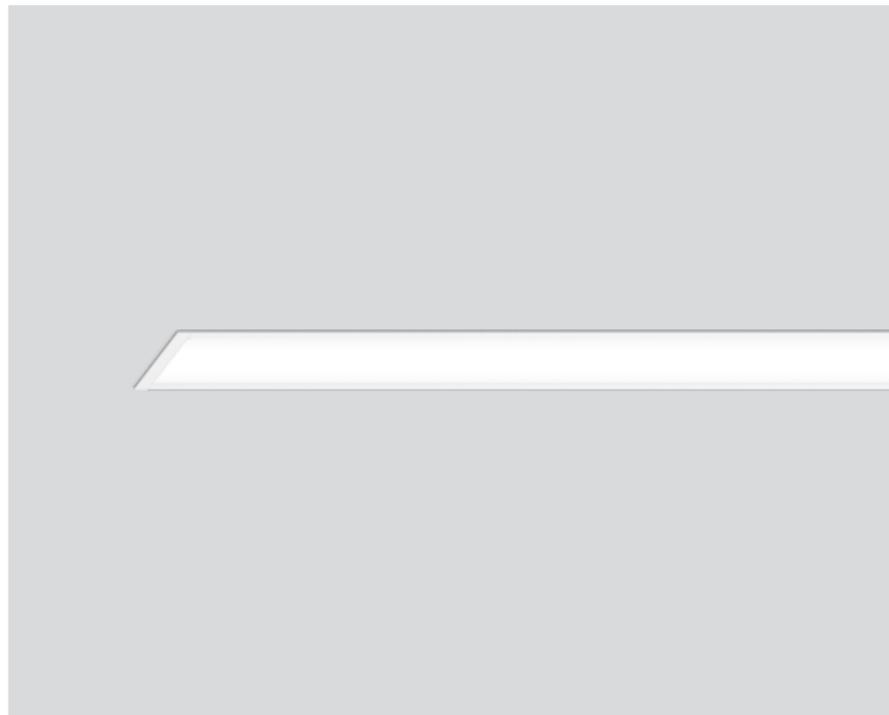
¹ Value of containing product at full load (undimmed)

² incl. consideration of optical losses, internal control unit losses
& operating device efficiency

Installation instructions

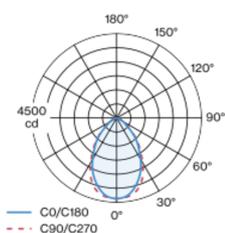


Lighting calculator

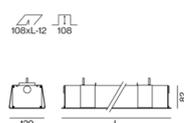


Luminaire housing made of extruded aluminium profile; recessed light with wrap around edge; suitable for ceiling thickness of 8-25 mm; surface traffic white powder coated; lighting profile (end cover and mounting bracket pre-assembled) available in advance for installation; remaining lamp components 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; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; UGR \leq 19; degree of protection IP20; PC1; 220-240 V; 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



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.98	0.95	0.93	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 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	9
B13	12
B16	15
B20	19
C10	15
C13	20
C16	25
C20	32

Mounting accessories

CONCRETE INSTALLATION HOUSING

L·W·H (MM)
2407·116·94

ARTICLE NUMBER(S)
036-05236

