

FRAME 100 high lumen

trim

052-43M263GZ



Project / Type

Notes

Count / Date



General

Ceiling , Recessed

grey , RAL9006 ¹

2850 lm/m

IP20

1630 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

Microprismatic

PstLM \leq 1.0 ²

SVM \leq 0.4 ²

Electrical

DALI-2

13.8 W

PC1 220-240V

118 lm/W

1 DALI Addr.

24 W/m

Physical

trim

length 596 mm

width 120 mm

height 82 mm

2,35 kg

Cutout

length 584 mm

width 108 mm

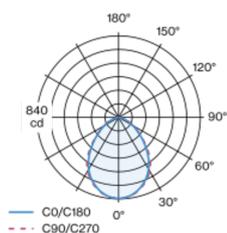
min. ceiling thickness 8 mm

max. ceiling thickness 25 mm

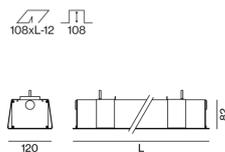
recessed depth 108 mm

¹ RAL code ² Value of containing product at full load (undimmed)

Light distribution



Product drawing



Luminaire housing made of extruded aluminium profile; recessed light with wrap around edge; suitable for ceiling thickness of 8-25 mm; surface grey 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; 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. DALI-2 converter; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

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	0.95	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 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	18
B13	23
B16	28
B20	35
C10	30
C13	38
C16	46
C20	58

Mounting accessories

CONCRETE INSTALLATION HOUSING

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
635 mm	635-116-94	036-05066

