



Project / Type

Notes

Count / Date



General

Ceiling / Wall , Recessed

white , RAL9016 ¹

2120 lm/m

front IP40 , back IP20

1300 lm

LED

4000 K

CRI ≥ 80

L90 / 50000 h

photobio. safety RG 0 - no Risk

initial MacAdam ≤ 3 SDCM

MR 0.72

MDER 0.66

Optical

High Performance Opal

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

Electrical

DALI-2

10.8 W

PC2 220-240V

120 lm/W

1 DALI Addr.

18 W/m

Physical

trimless

length 613 mm

width 92 mm

height 13 mm

1.9 kg

Cutout

length 619 mm

width 95 mm

min. ceiling thickness 12.5 mm

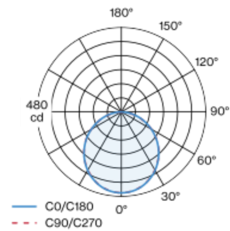
max. ceiling thickness 25 mm

recessed depth 58 mm

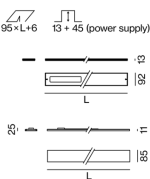
recessed depth: 12.5 mm (ceiling) + 45 mm (converter)

Low profile recessed channel, height 13 mm; suitable for rimless installation in 12.5mm plasterboard ceilings; specially designed trim with grooves for better adhesion of smoothing compound; suitable for wall or ceiling mounting; for continuous lighting systems; surface white powder coated; easy mounting without need to cut the substructure; fall-safe light inset made of extruded aluminium profile, can be inserted in the canal without tools by magnetic holders; side coupled light directed downward through LGP (LIGHT GUIDING PRISM) body and high efficiency reflector; HPO (High Performance Opal) cover for uniform illumination; flush cover; light colour 4000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 80; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; degree of protection from below IP40 (from above IP20); PC2 220-240V; photobiological safety according to IEC 62471 risk group RG 0 - no Risk; internal wiring in light halogen free; incl. external converter for ceiling insertion; DALI-2 control; accessories are listed separately; light source not replaceable; control gear replaceable by an authorized professional;

Light distribution



Product drawing



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

Installation instructions





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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	22
B13	30
B16	36
B20	46
C10	36
C13	50
C16	60
C20	76

Components

INSTALLATION CHANNEL

TYPE	L·W·H (MM)	ARTICLE NUMBER(S)
613 mm	613-92-13	051-8900067



Mounting accessories

END CAPS

TYPE	ARTICLE NUMBER(S)
1 pair	051-8990217



Mounting accessories

LINEAR CONNECTOR

TYPE	ARTICLE NUMBER(S)
1 pair	051-8990110
10 pairs	051-8990110.10



Other accessories

DISMOUNTING TOOL

TYPE	ARTICLE NUMBER(S)
vacuum cup	086-30000

