



Project / Type _____

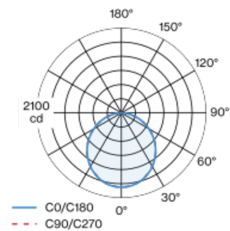
Notes _____

Count / Date _____

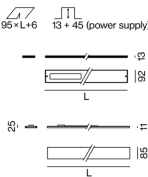


Low profile recessed channel, height 13 mm; suitable for rimless installation in 12.5mm plasterboard ceilings; specially designed trim with grooves for better adhesion of smoothing compound; suitable for wall or ceiling mounting; for continuous lighting systems; surface white powder coated; easy mounting 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; 220-240 V; 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



General

Ceiling / Wall | Recessed _____

white | RAL 9016 ¹ _____

front IP40 | back IP20 _____

5190 lm _____

2130 lm/m _____

LED

4000 K _____

CRI ≥ 80 _____

L90 / 50000 h _____

initial MacAdam ≤ 3 SDCM _____

MR 0.72 | MDER 0.66 _____

Optical

High Performance Opal | opal (lambertsch) _____

PstLM ≤ 1.0 ² | SVM ≤ 0.4 ² _____

Electrical

DALI-2 | 1 DALI Addr. _____

PC2 | 220-240 V _____

system 38 W _____

system 137 lm/W ³ _____

16 W/m _____

Physical

trimless _____

length 2438 mm | width 92 mm | height 13 mm _____

5.3 kg _____

Cutout

length 2444 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) _____

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





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	13
B13	18
B16	22
B20	28
C10	21
C13	30
C16	36
C20	46

Components

INSTALLATION CHANNEL trimless

L-W-H (MM)
2438-92-13

ARTICLE NUMBER(S)
051-8900247



Mounting accessories

END CAPS trimless

TYPE
1 pair

ARTICLE NUMBER(S)
051-8990217



Mounting accessories

LINEAR CONNECTOR recessed

TYPE
1 pair
10 pairs

ARTICLE NUMBER(S)
051-8990110
051-8990110.10



Other accessories

DISMOUNTING TOOL

TYPE
vacuum cup

ARTICLE NUMBER(S)
086-30000

