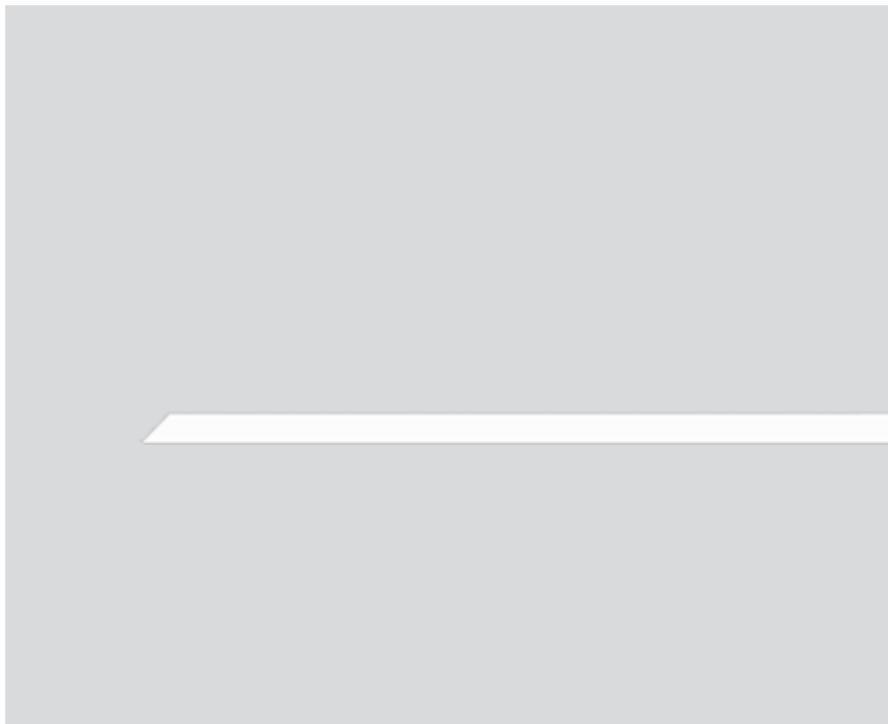




Project / Type \_\_\_\_\_

Notes \_\_\_\_\_

Count / Date \_\_\_\_\_



## General

Ceiling / Wall , Recessed  
 white , RAL 9016 <sup>1</sup>  
 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 <sup>2</sup>  
 SVM ≤ 0.4 <sup>2</sup>

## Electrical

DALI-2  
 220-240 V  
 system 38 W  
 system 137 lm/W<sup>3</sup>  
 PC2  
 1 DALI Addr.  
 16 W/m

## Physical

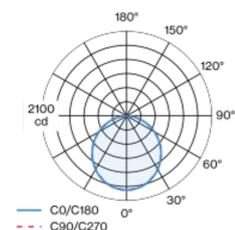
trimless  
 length 2441 mm  
 width 92 mm  
 height 13 mm  
 4.9 kg

## Cutout

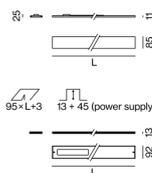
length 2444 mm  
 width 95 mm  
 min. ceiling thickness 12.5 mm  
 max. ceiling thickness 25 mm  
 recessed depth 58 mm  
 recessed depth: 12.5 mm (ceiling) + 45 mm (converter)

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; 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; light source not replaceable; control gear replaceable by an authorized professional;

## Light distribution



## Product drawing



<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)  
<sup>3</sup> FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.

## Installation instructions





Project / Type \_\_\_\_\_

Notes \_\_\_\_\_

Count / Date \_\_\_\_\_

## 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 <sup>a</sup>	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF <sup>a</sup>	Luminaire Maintenance Factor	LSF	Lamp Survival Faktor

<sup>a</sup> 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

## Other accessories

### DISMOUNTING TOOL

TYPE  
vacuum cup \_\_\_\_\_

ARTICLE NUMBER(S)  
086-30000

