



Project / Type _____

Notes _____

Count / Date _____



General

Ceiling / Wall , Recessed
 white , RAL9016 ¹
 2010 lm/m
 front IP40 , back IP20
 2450 lm

LED

3000 K
 CRI ≥ 80
 L90 / 50000 h
 photobio. safety RG 0 - no Risk
 initial MacAdam ≤ 3 SDCM
 MR 0.54
 MDER 0.49

Optical

High Performance Opal
 PstLM ≤ 1.0 ²
 SVM ≤ 0.4 ²

Electrical

DALI-2
 19.1 W
 PC2 220-240V
 128 lm/W
 1 DALI Addr.
 16 W/m

Physical

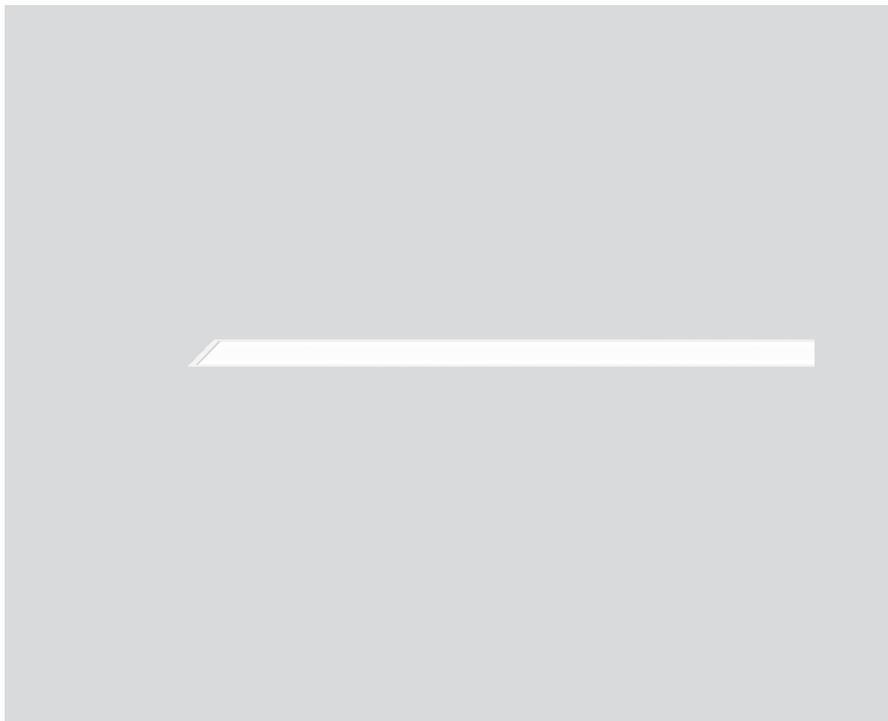
trim
 length 1237 mm
 width 102 mm
 height 14 mm
 2.9 kg

Cutout

length 1227 mm
 width 92 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)

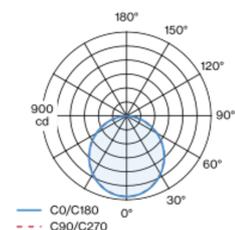
¹ RAL code ² Value of containing product at full load (undimmed)

Installation instructions

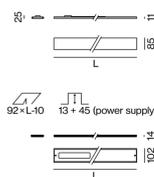


Low profile recessed channel, height 14 mm; suitable for installation in 12.5mm ceilings, with trim; suitable for wall or ceiling mounting; surface white powder coated; easy mounting without need to cut the substructure; fall-safe light inset made of extruded aluminium profile, can be inserted in the 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 3000 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; light source not replaceable; control gear replaceable by an authorized professional;

Light distribution



Product drawing



LENO opal

trim

051-8414537H



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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	19
B13	24
B16	31
B20	40
C10	31
C13	40
C16	51
C20	66

Other accessories

DISMOUNTING TOOL

TYPE
vacuum cup

ARTICLE NUMBER(S)
086-30000

