

LENO microprismatic

semi-recessed
051-8518537G



Project / Type

Notes

Count / Date



RG0
IEC 62471

220-240V

↑ IP20
↓ IP40

General

Ceiling / Wall , Semi-Recessed

white , RAL9010 ¹

1900 lm/m

front IP40 , back IP20

4630 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

Microprismatic

microprismatic

UGR < 19

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

Low profile recessed mounted luminaire, 15 mm visible height; converter integrated into luminaire housing; suitable for installation in primed or exposed concrete, in plasterboard constructions and in plastered walls or ceilings; suitable for wall or ceiling mounting; surface white powder coated; 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; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; UGR ≤ 19; 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); 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 not replaceable; control gear replaceable by an authorized professional;

Electrical

DALI-2

system 38 W

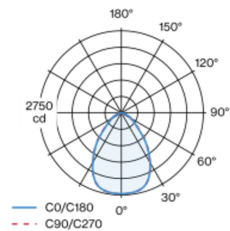
PC1 220-240V

system 122 lm/W³

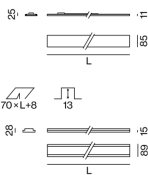
1 DALI Addr.

16 W/m

Light distribution



Product drawing



Physical

length 2443 mm

width 89 mm

height 28 mm

7.2 kg

Cutout

length 2451 mm

width 70 mm

min. ceiling thickness 12.5 mm

recessed depth 13 mm

¹ RAL code ² Value of containing product at full load (undimmed)
³ incl. optical losses and the efficiency of the operating device (converter)

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	18
B13	24
B16	30
B20	37
C10	31
C13	40
C16	51
C20	62

Other accessories

DISMOUNTING TOOL

TYPE	ARTICLE NUMBER(S)
vacuum cup	086-30000

