

# LENO microprismatic

trim

051-8416637G



Project / Type

Notes

Count / Date



### General

Ceiling / Wall | Recessed

white | RAL 9016 <sup>1</sup>

front IP40 | back IP20

3680 lm

2010 lm/m

### LED

4000 K

CRI ≥ 80

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

MR 0.72 | MDER 0.66

### Optical

Microprismatic | microprismatic

UGR ≤ 19

PstLM ≤ 1.0 <sup>2</sup> | SVM ≤ 0.4 <sup>2</sup>

### Electrical

DALI-2 | 1 DALI Addr.

PC2 | 220-240 V

system 28.6 W

system 129 lm/W <sup>3</sup>

16 W/m

### Physical

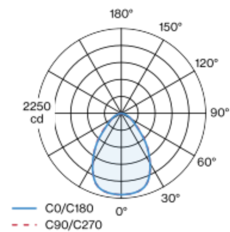
trim

length 1846 mm | width 102 mm | height 14 mm

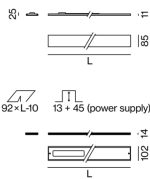
4.2 kg

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 mountng 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; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; UGR ≤ 19; 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



### Cutout

length 1836 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)

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

### 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 <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 Factor	

<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	ARTICLE NUMBER(S)
vacuum cup	086-30000

