

# LENO microprismatic

trim system

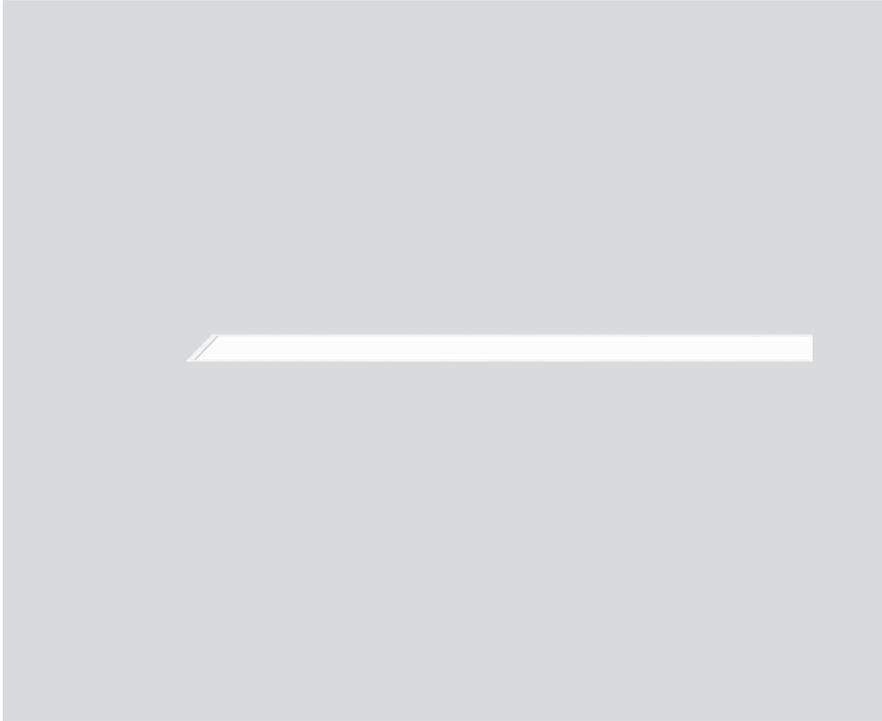
051-8018637G 051-8910247



Project / Type

Notes

Count / Date



## General

Ceiling / Wall , Recessed

white , RAL9016 <sup>1</sup>

2010 lm/m

front IP40 , back IP20

4910 lm

## LED

4000 K

CRI  $\geq$  80

L90 / 50000 h

photobio. safety RG 0 - no Risk

initial MacAdam  $\leq$  3 SDCM

MR 0.72

MDER 0.66

## Optical

Microprismatic

UGR  $<$  19

PstLM  $\leq$  1.0 <sup>2</sup>

SVM  $\leq$  0.4 <sup>2</sup>

## Electrical

DALI-2

38 W

PC2 220-240V

129 lm/W

1 DALI Addr.

16 W/m

## Physical

trim

length 2438 mm

width 102 mm

height 14 mm

5.6 kg

## Cutout

length 2444 mm

width 92 mm

min. ceiling thickness 12.5 mm

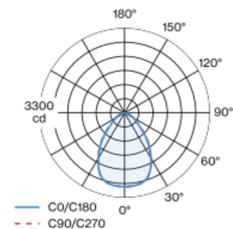
max. ceiling thickness 25 mm

recessed depth 58 mm

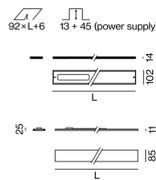
recessed depth: 12.5 mm (ceiling) + 45 mm (converter)

Low profile recessed channel, height 14 mm; suitable for installation in 12.5mm ceilings, with trim; 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; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; UGR  $\leq$  19; light colour 4000 K; binning initial MacAdam  $\leq$  3 SDCM; CRI  $\geq$  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; accessories are listed separately; 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)

## 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 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

## Components

### INSTALLATION CHANNEL

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
2438 mm	2438-102-14	051-8910247



### Mounting accessories

#### END CAPS

TYPE	ARTICLE NUMBER(S)
1 pair	051-8991217



### Mounting accessories

#### LINEAR CONNECTOR

TYPE	ARTICLE NUMBER(S)
1 pair	051-8990110
10 pairs	051-8990110.10



### Other accessories

#### DISMOUNTING TOOL

TYPE	ARTICLE NUMBER(S)
vacuum cup	086-30000



[051-8018637G 051-8910247] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.

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