



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

Notes \_\_\_\_\_

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



## General

Ceiling / Wall , Recessed  
 white , RAL 9016 <sup>1</sup>  
 front IP40 , back IP20  
 1230 lm  
 2000 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  
 220-240 V  
 system 10.8 W  
 system 114 lm/W<sup>3</sup>  
 PC2  
 1 DALI Addr.  
 18 W/m

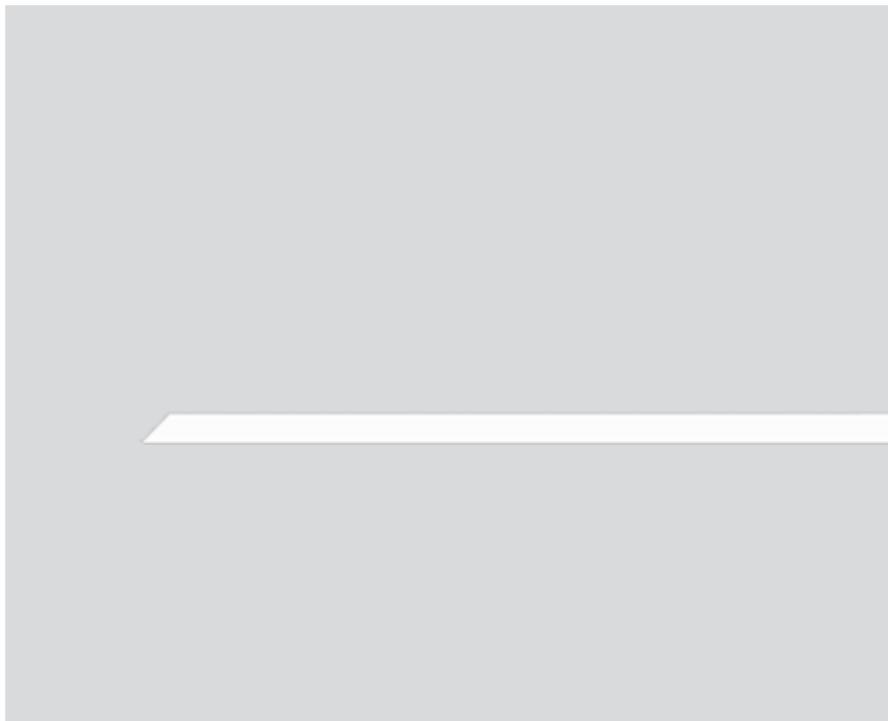
## Physical

trimless  
 length 613 mm  
 width 92 mm  
 height 13 mm  
 1.9 kg

## Cutout

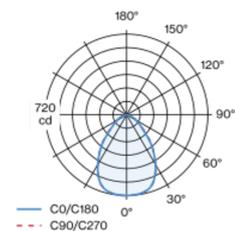
length 619 mm  
 width 95 mm  
 min. ceiling thickness 12.5 mm  
 max. ceiling thickness 25 mm  
 recessed depth 58 mm  
 recessed depth: 12.5 mm (ceiling) + 45 mm (converter)

<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.

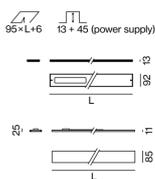


Low profile recessed channel, height 13 mm; suitable for rimless installation in 12.5mm plasterboard ceilings; specially designed trim with grooves for better adhesion of smoothing compound; suitable for wall or ceiling mounting; for continuous lighting systems; surface white powder coated; easy mounting 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 ≤ 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; accessories are listed separately; light source not replaceable; control gear replaceable by an authorized professional;

## Light distribution



## Product drawing



# LENO microprismatic

trimless system

051-8012637G 051-8900067



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## Installation instructions



# LENO microprismatic

trimless system

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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	22
B13	30
B16	36
B20	46
C10	36
C13	50
C16	60
C20	76

## Components

### INSTALLATION CHANNEL

L·W·H (MM)  
613·92·13

ARTICLE NUMBER(S)  
051-8900067



### Mounting accessories

#### END CAPS

TYPE  
1 pair

ARTICLE NUMBER(S)  
051-8990217



### Mounting accessories

#### LINEAR CONNECTOR

TYPE  
1 pair  
10 pairs

ARTICLE NUMBER(S)  
051-8990110  
051-8990110.10



### Other accessories

#### DISMOUNTING TOOL

TYPE  
vacuum cup

ARTICLE NUMBER(S)  
086-30000

