

# LENO microprismatic

semi-recessed / surface system

051-8218537G 051-8920247



Project / Type

Notes

Count / Date



### General

Ceiling / Wall , Semi-Recessed<sup>1</sup>-Surface<sup>2</sup>

white , RAL 9010 <sup>3</sup>

front IP40<sup>1</sup>-IP20<sup>2</sup> , back IP20

4630 lm

1900 lm/m

traffic white

### LED

3000 K

CRI ≥ 80

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

MR 0.54

MDER 0.49

### Optical

Microprismatic

microprismatic

UGR ≤ 19

PstLM ≤ 1.0<sup>1 2 4</sup>

SVM ≤ 0.4<sup>1 2 4</sup>

Low profile recessed mounted luminaire, 15 mm visible height or low profile surface mounted luminaire, 28 mm total height; converter integrated into luminaire housing; suitable for wall or ceiling mounting; suitable for installation in primed or exposed concrete, in plasterboard constructions and in plastered walls or ceilings; for continuous lighting systems; 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; 220-240 V; internal wiring in light halogen free; incl. DALI-2 converter; accessories are listed separately; light source not replaceable; control gear replaceable by an authorized professional;

### Electrical

DALI-2

220-240 V

system 38 W

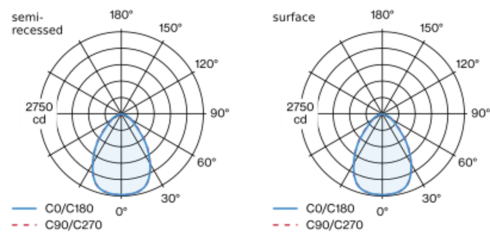
system 122 lm/W<sup>5</sup>

PC1

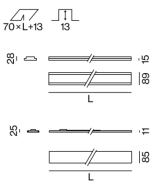
1 DALI Addr.

16 W/m

### Light distribution



### Product drawing



### Physical

length 2438 mm

width 89 mm

height 28 mm

5.5 kg

### Cutout

length 2451 mm

width 70 mm

min. ceiling thickness 12.5 mm

recessed depth 13 mm

<sup>1</sup> semi-recessed <sup>2</sup> surface <sup>3</sup> RAL code  
<sup>4</sup> Value of containing product at full load (undimmed)  
<sup>5</sup> incl. consideration of optical losses, internal control unit losses & operating device efficiency

### Installation instructions



# LENO microprismatic

semi-recessed / surface system

051-8218537G 051-8920247



Project / Type

Notes

Count / Date

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

## Components

### INSTALLATION CHANNEL

COLOUR	L·W·H (MM)	ARTICLE NUMBER(S)
traffic white	2438-89-28	051-8920247



### Mounting accessories

#### END CAPS

COLOUR	ARTICLE NUMBER(S)
pure white	051-8992217
jet black	051-8992218



### Mounting accessories

#### LINEAR CONNECTOR

TYPE	ARTICLE NUMBER(S)
1 pair	051-8992110
10 pairs	051-8992110:10



#### POWER FEEDER CONNECTOR

ARTICLE NUMBER(S)
051-8992330



### Other accessories

#### DISMOUNTING TOOL

TYPE	ARTICLE NUMBER(S)
vacuum cup	086-30000

