

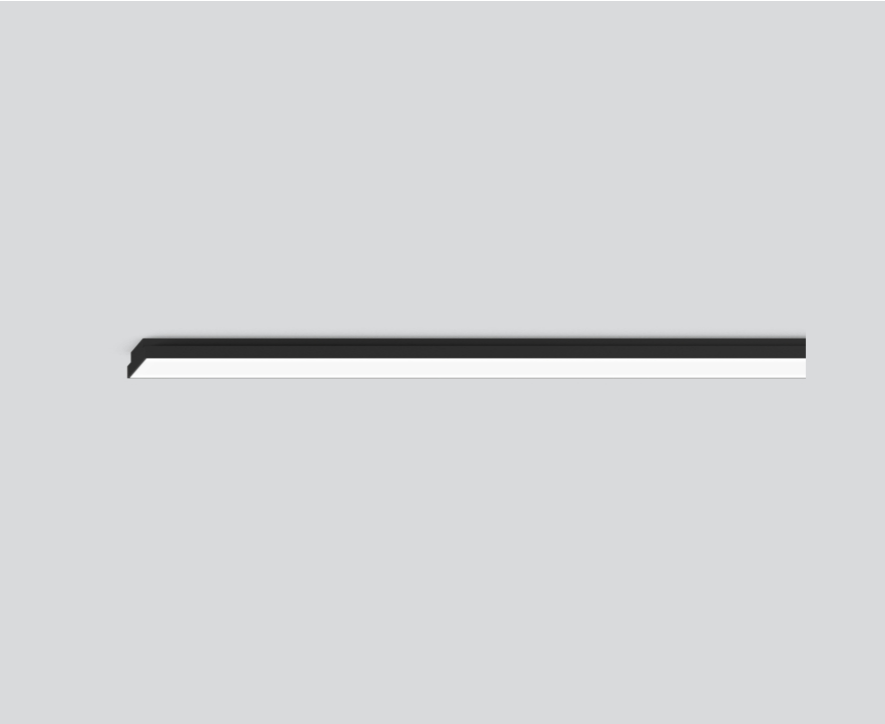
# LENO microprismatic

semi-recessed / surface system

051-8112637G 051-8920068

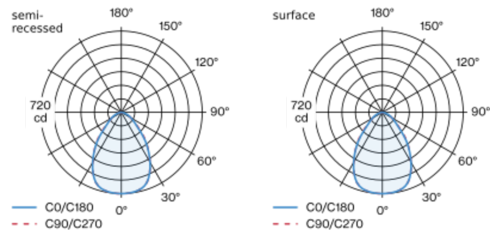


Project / Type
Notes
Count / Date

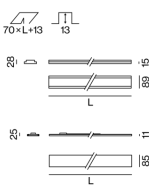


Low profile recessed mounted luminaire, 15 mm visible height or low profile surface mounted luminaire, 28 mm total height; converter integrated into luminaire housing; suitable for wall or ceiling mounting; suitable for installation in primed or exposed concrete, in plasterboard constructions and in plastered walls or ceilings; for continuous lighting systems; surface black 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  $\leq 19$ ; 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); 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; accessories are listed separately; light source not replaceable; control gear replaceable by an authorized professional;

## Light distribution



## Product drawing



RG0 IEC 62471	220-240V	no Risk	X-PERT
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## General

Ceiling / Wall , Semi-Recessed <sup>1</sup> -Surface <sup>2</sup>
black , RAL9005 <sup>3</sup>
2000 lm/m
front IP40 <sup>1</sup> -IP20 <sup>2</sup> , back IP20
1230 lm
jet black

## 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
microprismatic
UGR $< 19$
PstLM $\leq 1.0$ <sup>4</sup>
SVM $\leq 0.4$ <sup>4</sup>

## Electrical

DALI-2
system 10.8 W
PC1 220-240V
system 114 lm/W <sup>5</sup>
1 DALI Addr.
18 W/m

## Physical

length 613 mm
width 89 mm
height 28 mm
1.8 kg

## Cutout

length 626 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. 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 <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	18
B13	24
B16	30
B20	37
C10	31
C13	40
C16	51
C20	62

## Components

### INSTALLATION CHANNEL

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
613 mm	jet black	613-89-28	051-8920068



## 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

