

# LENO microprismatic

semi-recessed / surface system

051-8214637G 051-8920128

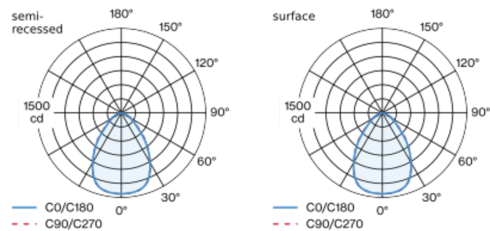


Project / Type
Notes
Count / Date

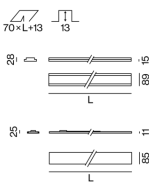


Low profile recessed mounted luminaire, 15 mm visible height or low profile surface mounted luminaire, 28 mm total height; converter integrated into luminaire housing; suitable for wall or ceiling mounting; suitable for installation in primed or exposed concrete, in plasterboard constructions and in plastered walls or ceilings; for continuous lighting systems; surface jet 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; 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;

## Light distribution



## Product drawing



IP20 IP40	~ X-PERT	220-240 V
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## General

Ceiling / Wall   Surface <sup>1</sup> -Semi-Recessed <sup>2</sup>
jet black   RAL 9005 <sup>3</sup>
jet black
front IP20 <sup>1</sup> -IP40 <sup>2</sup>   back IP20
2450 lm
2010 lm/m

## LED

4000 K
CRI $\geq 80$
L90 / 50000 h
initial MacAdam $\leq 3$ SDCM
MR 0.72   MDER 0.66

## Optical

Microprismatic   microprismatic
UGR $\leq 19$
PstLM $\leq 1.0$ <sup>1 2 4</sup>   SVM $\leq 0.4$ <sup>1 2 4</sup>

## Electrical

DALI-2   1 DALI Addr.
PC1   220-240 V
system 19.1 W
system 128 lm/W <sup>5</sup>
16 W/m

## Physical

length 1221 mm   width 89 mm   height 28 mm
3 kg

## Cutout

length 1234 mm   width 70 mm
min. ceiling thickness 12.5 mm
recessed depth 13 mm

<sup>1</sup> surface <sup>2</sup> semi-recessed <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  
and 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	18
B13	24
B16	30
B20	37
C10	31
C13	40
C16	51
C20	62

## Components

### INSTALLATION CHANNEL semi-recessed / surface

COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
jet black	1221-89-28	051-8920128



## Mounting accessories

### END CAPS MOUNTING HOUSING

TYPE	ARTICLE NUMBER(S)
1 pair	051-8996210



### END CAPS semi-recessed

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



## Mounting accessories

### LINEAR CONNECTOR semi-recessed / surface

TYPE	ARTICLE NUMBER(S)
1 pair	051-8992110
10 pairs	051-8992110.10



### POWER FEEDER CONNECTOR

TYPE	ARTICLE NUMBER(S)
220-240 V   13A	051-8992330



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## Mounting accessories

### CONCRETE MOUNTING HOUSING

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
end	616-67-28	051-8960060
start/end	1224-67-28	051-8960120
middle	1221-67-28	051-8961120
start/end	1833-67-28	051-8960180
middle	1830-67-28	051-8961180
start/end	2441-67-28	051-8960240
middle	2438-67-28	051-8961240



## Other accessories

### DISMOUNTING TOOL

TYPE	ARTICLE NUMBER(S)
vacuum cup	086-30000

