

# LENO jut-out

semi-recessed / surface system

051-8112537J 051-8920067



Project / Type

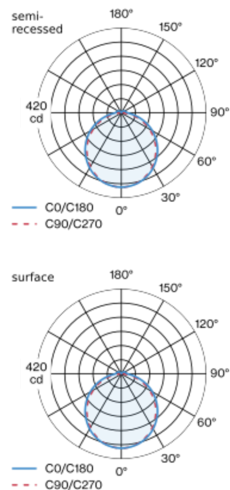
Notes

Count / Date

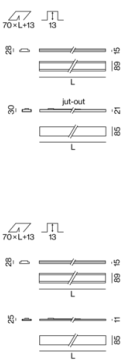


Low profile recessed mounted luminaire, 15 mm visible height or low profile surface mounted luminaire, 28 mm total height; converter integrated into luminaire housing; suitable for wall or ceiling mounting; suitable for installation in primed or exposed concrete, in plasterboard constructions and in plastered walls or ceilings; for continuous lighting systems; surface pure 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; HPO (High Performance Opal) cover for uniform illumination; jut-out cover; light colour 3000 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

## General

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

pure white | RAL 9010

traffic white

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

1170 lm

1920 lm/m

## LED

3000 K

CRI  $\geq 80$

L90 / 50000 h

initial MacAdam  $\leq 3$  SDCM

MR 0.54 | MDER 0.49

## Optical

Jut-Out | opal (lambertsch)

$P_{stLM} \leq 1.0^{1\ 2\ 3}$  |  $SVM \leq 0.4^{1\ 2\ 3}$

## Electrical

DALI-2 | 1 DALI Addr.

PC1 | 220-240 V

system 10.8 W

system 108 lm/W<sup>4</sup>

18 W/m

## Physical

length 613 mm | width 89 mm | height 38 mm

1.8 kg

## Cutout

length 626 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> Value of containing product at full load (undimmed)

<sup>4</sup> incl. consideration of optical losses, internal control unit losses & 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.

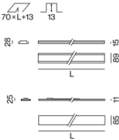
## Circuit Breaker Types

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

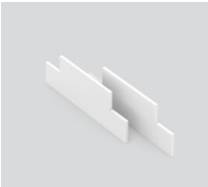
COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
traffic white	613-89-28	051-8920067



## Mounting accessories

### 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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## Other accessories

### DISMOUNTING TOOL

TYPE	ARTICLE NUMBER(S)
vacuum cup	086-30000

