

LENO microprismatic

semi-recessed / surface system

051-8112637G 051-8920068



Project / Type _____

Notes _____

Count / Date _____



General

Ceiling / Wall | Semi-Recessed¹-Surface²
 black | RAL 9005³
 front IP40¹-IP20² | back IP20
 1230 lm
 2000 lm/m
 jet black

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^{1 2 4} | SVM ≤ 0.4^{1 2 4}

Electrical

DALI-2 | 1 DALI Addr.
 PC1 | 220-240 V
 system 10.8 W
 system 114 lm/W⁵
 18 W/m

Physical

length 613 mm | width 89 mm | height 28 mm
 1.8 kg

Cutout

length 626 mm | width 80 mm
 min. ceiling thickness 12.5 mm
 recessed depth 13 mm

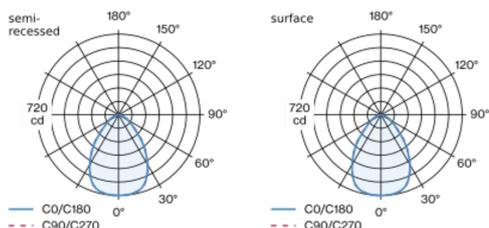
¹ semi-recessed ² surface ³ RAL code
⁴ Value of containing product at full load (undimmed)
⁵ incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions

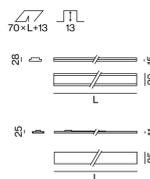


Low profile recessed mounted luminaire, 15 mm visible height or low profile surface mounted luminaire, 28 mm total height; converter integrated into luminaire housing; suitable for wall or ceiling mounting; suitable for installation in primed or exposed concrete, in plasterboard constructions and in 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 ≤ 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); 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



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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 ^a	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF ^a	Luminaire Maintenance Factor	LSF	Lamp Survival Factor

^a 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	613-89-28	051-8920068



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



[051-8112637G 051-8920068] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.

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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

