

LENO microprismatic

semi-recessed / surface system

051-8214537G 051-8920127



Project / Type

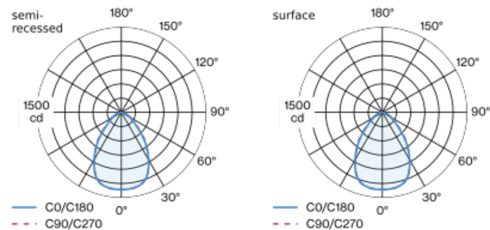
Notes

Count / Date

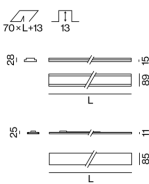


Low profile recessed mounted luminaire, 15 mm visible height or low profile surface mounted luminaire, 28 mm total height; converter integrated into luminaire housing; suitable for wall or ceiling mounting; suitable for installation in primed or exposed concrete, in plasterboard constructions and in plastered walls or ceilings; for continuous lighting systems; surface 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 220-240V; 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

General

Ceiling / Wall , Semi-Recessed¹-Surface²

white , RAL9010³

1900 lm/m

front IP40¹-IP20² , back IP20

2320 lm

traffic white

LED

3000 K

CRI ≥ 80

L90 / 50000 h

photobio. safety RG 0 - no Risk

initial MacAdam ≤ 3 SDCM

MR 0.54

MDER 0.49

Optical

Microprismatic

microprismatic

UGR < 19

PstLM ≤ 1.0 ⁴

SVM ≤ 0.4 ⁴

Electrical

DALI-2

system 19.1 W

PC1 220-240V

system 121 lm/W⁵

1 DALI Addr.

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

¹ semi-recessed ² surface ³ RAL code
⁴ Value of containing product at full load (undimmed)
⁵ 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 ^a | Room Surface Maintenance Factor | |
| MF | Maintenance Factor | | LLMF | Lamp Lumens Maintenance Factor | |
| LMF ^a | Luminaire Maintenance Factor | | LSF | Lamp Survival Faktor | |

^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

| TYPE | COLOUR | L-W-H (MM) | ARTICLE NUMBER(S) |
|---------|---------------|------------|-------------------|
| 1221 mm | traffic white | 1221-89-28 | 051-8920127 |



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 |

