



Project / Type

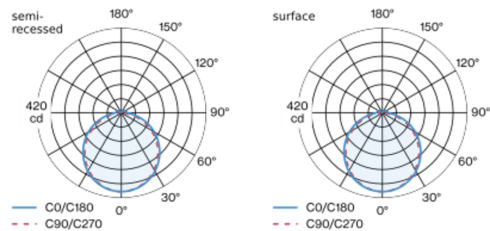
Notes

Count / Date

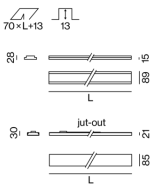


Low profile recessed mounted luminaire, 15 mm visible height or low profile surface mounted luminaire, 28 mm total height; converter integrated into luminaire housing; suitable for wall or ceiling mounting; suitable for installation in primed or exposed concrete, in plasterboard constructions and in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



General

Ceiling / Wall | Surface¹-Semi-Recessed²

white | RAL 9010³

traffic white

front IP20¹-IP40² | back IP20

1240 lm

2030 lm/m

LED

4000 K

CRI ≥ 80

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

MR 0.72 | MDER 0.66

Optical

Jut-Out | opal (lambertsch)

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 115 lm/W⁵

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

¹ surface ² semi-recessed 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



LENO jut-out

semi-recessed / surface system
051-8112637J 051-8920067



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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) |
| 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

| |
|-------------------|
| ARTICLE NUMBER(S) |
| 051-8992330 |



Other accessories

DISMOUNTING TOOL

| | |
|------------|-------------------|
| TYPE | ARTICLE NUMBER(S) |
| vacuum cup | 086-30000 |

