

LENO jut-out

semi-recessed / surface system

051-8112637J 051-8920068

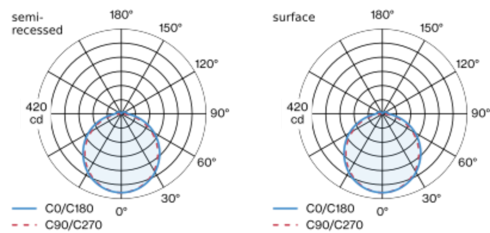


| |
|----------------|
| Project / Type |
| Notes |
| Count / Date |

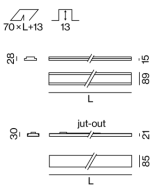


Low profile recessed mounted luminaire, 15 mm visible height or low profile surface mounted luminaire, 28 mm total height; converter integrated into luminaire housing; suitable for wall or ceiling mounting; suitable for installation in primed or exposed concrete, in plasterboard constructions and in plastered walls or ceilings; for continuous lighting systems; surface 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; 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 220-240V; 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 | IP20 IP40 | IP20 IP40 | X-PERT |
|------------------|----------|--------------|--------------|--------|

General

| |
|---|
| Ceiling / Wall , Surface ¹ -Semi-Recessed ² |
| black , RAL9005 ³ |
| jet black |
| 2030 lm/m |
| front IP20 ¹ -IP40 ² , back IP20 |
| 1240 lm |

LED

| |
|---------------------------------|
| 4000 K |
| CRI ≥ 80 |
| L90 / 50000 h |
| photobio. safety RG 0 - no Risk |
| initial MacAdam ≤ 3 SDCM |
| MR 0.72 |
| MDER 0.66 |

Optical

| |
|-------------------------------|
| Jut-Out |
| opal (lambertsch) |
| PstLM ≤ 1.0 ⁴ |
| SVM ≤ 0.4 ⁴ |

Electrical

| |
|------------------------------|
| DALI-2 |
| system 10.8 W |
| PC1 220-240V |
| system 115 lm/W ⁵ |
| 1 DALI Addr. |
| 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. 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) |
|--------|-----------|------------|-------------------|
| 613 mm | jet black | 613-89-28 | 051-8920068 |



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 |

