

LENO microprismatic

trimless

051-8316537G



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



| | | | | |
|------------------|----------|------------------|--|--------|
| RG0 IEC 62471 | 220-240V | ↑ IP20 ↓ IP40 | | X-PERT |
|------------------|----------|------------------|--|--------|

General

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|------------------------------|
| Ceiling / Wall , Recessed |
| white , RAL9016 ¹ |
| 1900 lm/m |
| front IP40 , back IP20 |
| 3480 lm |

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 ² |
| SVM ≤ 0.4 ² |

Low profile recessed channel, height 13 mm; suitable for rimless installation in 12.5mm plasterboard ceilings; specially designed trim with grooves for better adhesion of smoothing compound; suitable for wall or ceiling mounting; surface white powder coated; easy mountng without need to cut the substructure; 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); PC2 220-240V; photobiological safety according to IEC 62471 risk group RG 0 - no Risk; internal wiring in light halogen free; incl. external converter for ceiling insertion; DALI-2 control; light source not replaceable; control gear replaceable by an authorized professional;

Electrical

| |
|--------------|
| DALI-2 |
| 28.6 W |
| PC2 220-240V |
| 122 lm/W |
| 1 DALI Addr. |
| 16 W/m |

Physical

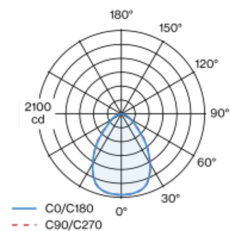
| |
|----------------|
| trimless |
| length 1833 mm |
| width 92 mm |
| height 13 mm |
| 3.9 kg |

Cutout

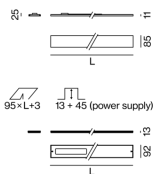
| |
|---|
| length 1836 mm |
| width 95 mm |
| min. ceiling thickness 12.5 mm |
| max. ceiling thickness 25 mm |
| recessed depth 58 mm |
| recessed depth: 12.5 mm (ceiling) + 45 mm (converter) |

¹ RAL code ² Value of containing product at full load (undimmed)

Light distribution



Product drawing



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 | 13 |
| B13 | 18 |
| B16 | 22 |
| B20 | 28 |
| C10 | 21 |
| C13 | 30 |
| C16 | 36 |
| C20 | 46 |

Other accessories

DISMOUNTING TOOL

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

