

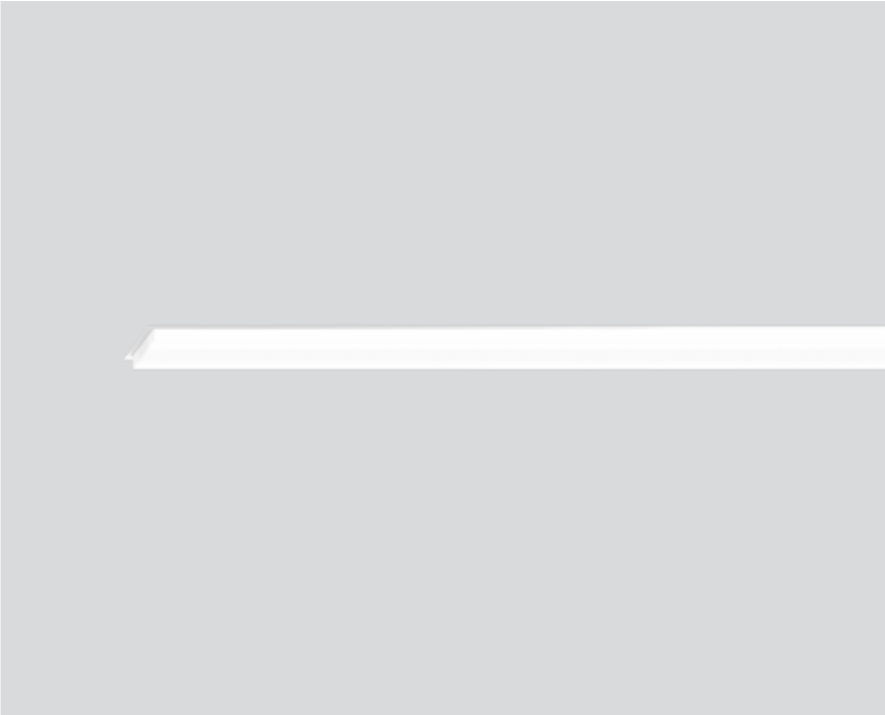
# LENO jut-out

trimless

051-8312537J

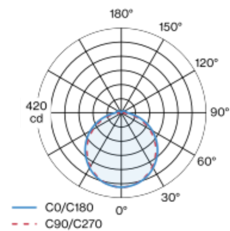


|                |
|----------------|
| Project / Type |
| Notes          |
| Count / Date   |

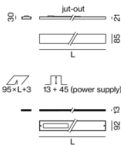


Low profile recessed channel, height 13 mm; suitable for rimless installation in 12.5mm plasterboard ceilings; specially designed trim with grooves for better adhesion of smoothing compound; suitable for wall or ceiling mounting; surface traffic white powder coated; easy mounting without need to cut 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; HPO (High Performance Opal) cover for uniform illumination; jut-out cover; light colour 3000 K; binning initial MacAdam  $\leq 3$  SDCM; CRI  $\geq 80$ ; 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; 220-240 V; 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;

## Light distribution



## Product drawing



## General

|                           |
|---------------------------|
| Ceiling / Wall   Recessed |
| traffic white   RAL 9016  |
| front IP40   back IP20    |
| 1170 lm                   |
| 1920 lm/m                 |

## LED

|                               |
|-------------------------------|
| 3000 K                        |
| CRI $\geq 80$                 |
| L90 / 50000 h                 |
| initial MacAdam $\leq 3$ SDCM |
| MR 0.54   MDER 0.49           |

## Optical

|   |
|---|
| Jut-Out   opal (lambertsch)                                 |
| PstLM $\leq 1.0$ <sup>1</sup>   SVM $\leq 0.4$ <sup>1</sup> |

## Electrical

|                              |
|------------------------------|
| DALI-2   1 DALI Addr.        |
| PC2   220-240 V              |
| system 10.8 W                |
| system 108 lm/W <sup>2</sup> |
| 18 W/m                       |

## Physical

|  |
|--|
| trimless                                   |
| length 616 mm   width 92 mm   height 23 mm |
| 1.6 kg                                     |

## Cutout

|   |
|---|
| length 619 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)         |

<sup>1</sup> Value of containing product at full load (undimmed)  
<sup>2</sup> incl. consideration of optical losses, internal control unit losses & operating device efficiency

## 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 <sup>a</sup> | Room Surface Maintenance Factor |        |
| MF                 | Maintenance Factor           |        | LLMF              | Lamp Lumens Maintenance Factor  |        |
| LMF <sup>a</sup>   | Luminaire Maintenance Factor |        | LSF               | Lamp Survival Factor            |        |

<sup>a</sup> 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                            | 22                 |
| B13                            | 30                 |
| B16                            | 36                 |
| B20                            | 46                 |
| C10                            | 36                 |
| C13                            | 50                 |
| C16                            | 60                 |
| C20                            | 76                 |

### Other accessories

#### DISMOUNTING TOOL

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

