

LENO microprismatic

trim system

051-8016537G 051-8910187



Project / Type

Notes

Count / Date



General

Ceiling / Wall | Recessed

white | RAL 9016 ¹

front IP40 | back IP20

3480 lm

1900 lm/m

LED

3000 K

CRI ≥ 80

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

MR 0.54 | MDER 0.49

Optical

Microprismatic | microprismatic

UGR ≤ 19

PstLM ≤ 1.0 ² | SVM ≤ 0.4 ²

Electrical

DALI-2 | 1 DALI Addr.

PC2 | 220-240 V

system 28.6 W

system 122 lm/W ³

16 W/m

Physical

trim

length 1836 mm | width 102 mm | height 14 mm

4.3 kg

Cutout

length 1836 mm | width 92 mm

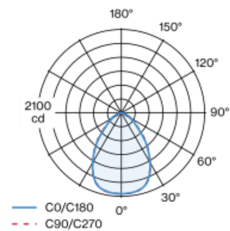
min. ceiling thickness 12.5 mm | max. ceiling thickness 25 mm

recessed depth 58 mm

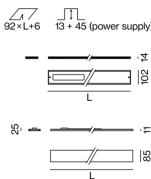
recessed depth: 12.5 mm (ceiling) + 45 mm (converter)

¹ RAL code ² Value of containing product at full load (undimmed)
³ incl. consideration of optical losses, internal control unit losses & operating device efficiency

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

Components

INSTALLATION CHANNEL with trim

| | |
|-------------|-------------------|
| L-W-H (MM) | ARTICLE NUMBER(S) |
| 1830-102-14 | 051-8910187 |



Mounting accessories

END CAPS

| | |
|--------|-------------------|
| TYPE | ARTICLE NUMBER(S) |
| 1 pair | 051-8991217 |



Mounting accessories

LINEAR CONNECTOR recessed

| | |
|----------|-------------------|
| TYPE | ARTICLE NUMBER(S) |
| 1 pair | 051-8990110 |
| 10 pairs | 051-8990110.10 |



Other accessories

DISMOUNTING TOOL

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

