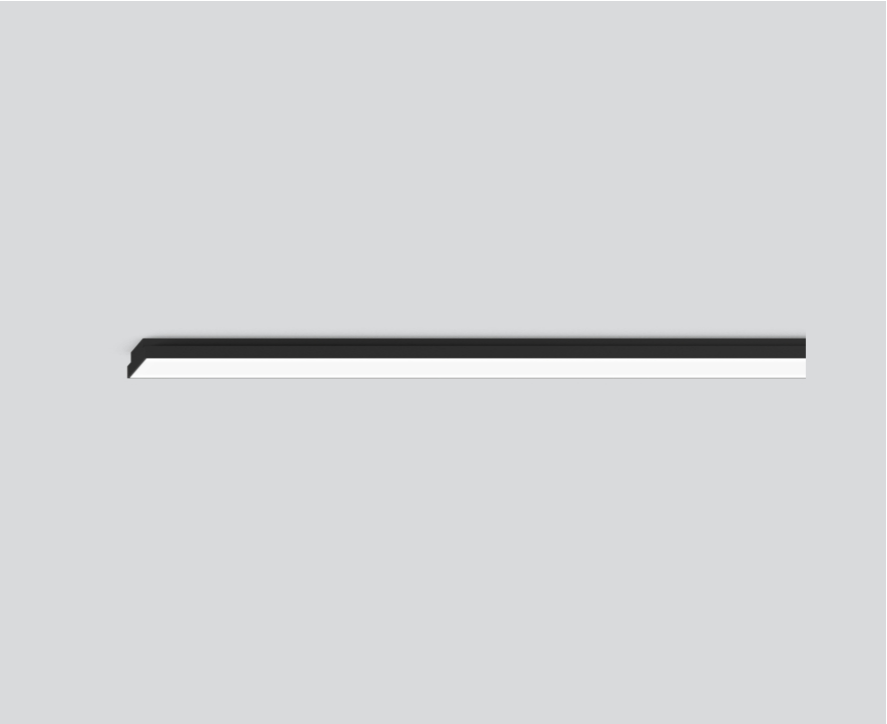




Project / Type

Notes

Count / Date



|   |
|---|
| General   |
| Ceiling / Wall , Surface <sup>1</sup> -Semi-Recessed <sup>2</sup> |
| black , RAL9005 <sup>3</sup>                                      |
| 2130 lm/m   |
| front IP20 <sup>1</sup> -IP40 <sup>2</sup> , back IP20            |
| 5190 lm   |

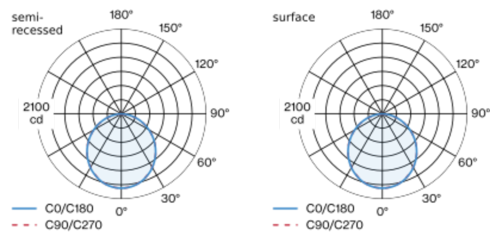
|                                 |
|---------------------------------|
| LED                             |
| 4000 K                          |
| CRI ≥ 80                        |
| L90 / 50000 h                   |
| photobio. safety RG 0 - no Risk |
| initial MacAdam ≤ 3 SDCM        |
| MR 0.72   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

|                          |
|--------------------------|
| Optical                  |
| High Performance Opal    |
| PstLM ≤ 1.0 <sup>4</sup> |
| SVM ≤ 0.4 <sup>4</sup>   |

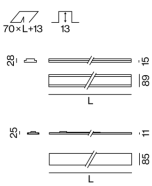
|              |
|--------------|
| Electrical   |
| DALI-2       |
| 38 W         |
| PC1 220-240V |
| 137 lm/W     |
| 1 DALI Addr. |
| 16 W/m       |

|                |
|----------------|
| Physical       |
| length 2438 mm |
| width 89 mm    |
| height 28 mm   |
| 5.5 kg         |

Light distribution



Product drawing



|                                |
|--------------------------------|
| Cutout                         |
| length 2451 mm                 |
| width 70 mm                    |
| min. ceiling thickness 12.5 mm |
| recessed depth 13 mm           |

<sup>1</sup> surface <sup>2</sup> semi-recessed <sup>3</sup> RAL code  
<sup>4</sup> Value of containing product at full load (undimmed)

Installation instructions





Project / Type

Notes

Count / Date

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 Faktor            |        |

<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                            | 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) |
|---------|-----------|------------|-------------------|
| 2438 mm | jet black | 2438-89-28 | 051-8920248       |



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         |

