



Project / Type

Notes

Count / Date



|                              |
|------------------------------|
| General                      |
| Ceiling / Wall , Recessed    |
| white , RAL9016 <sup>1</sup> |
| 2130 lm/m                    |
| front IP40 , back IP20       |
| 3890 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>2</sup> |
| SVM ≤ 0.4 <sup>2</sup>   |

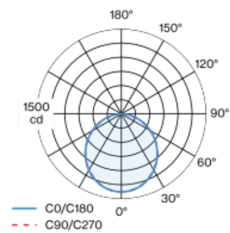
|              |
|--------------|
| Electrical   |
| DALI-2       |
| 28.6 W       |
| PC2 220-240V |
| 136 lm/W     |
| 1 DALI Addr. |
| 16 W/m       |

|                |
|----------------|
| Physical       |
| trimless       |
| length 1830 mm |
| width 92 mm    |
| height 13 mm   |
| 3.9 kg         |

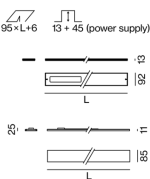
|   |
|---|
| Cutout  |
| length 1836 mm  |
| width 95 mm   |
| min. ceiling thickness 12.5 mm                        |
| max. ceiling thickness 25 mm                          |
| recessed depth 58 mm                                  |
| recessed depth: 12.5 mm (ceiling) + 45 mm (converter) |

<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)

Light distribution



Product drawing





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

Components

INSTALLATION CHANNEL

| TYPE    | L-W-H (MM) | ARTICLE NUMBER(S) |
|---------|------------|-------------------|
| 1830 mm | 1830-92-13 | 051-8900187       |



Mounting accessories

END CAPS

| TYPE   | ARTICLE NUMBER(S) |
|--------|-------------------|
| 1 pair | 051-8990217       |



Mounting accessories

LINEAR CONNECTOR

| 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         |

