



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



|                  |          |                  |    |          |
|------------------|----------|------------------|----|----------|
| RG0<br>IEC 62471 | 220-240V | ↑ IP20<br>↓ IP40 | ☀️ | ~ X-PERT |
|------------------|----------|------------------|----|----------|

|                              |
|------------------------------|
| General                      |
| Ceiling / Wall , Recessed    |
| white , RAL9016 <sup>1</sup> |
| 2030 lm/m                    |
| front IP40 , back IP20       |
| 1240 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                  |
| Jut-Out                  |
| opal (lambertsch)        |
| PstLM ≤ 1.0 <sup>2</sup> |
| SVM ≤ 0.4 <sup>2</sup>   |

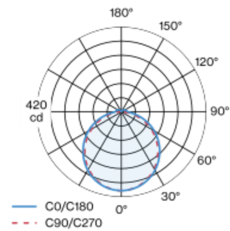
|                              |
|------------------------------|
| Electrical                   |
| DALI-2                       |
| system 10.8 W                |
| PC2 220-240V                 |
| system 115 lm/W <sup>3</sup> |
| 1 DALI Addr.                 |
| 18 W/m                       |

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

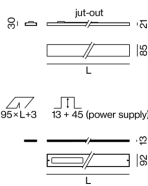
|   |
|---|
| Cutout  |
| length 619 mm   |
| width 95 mm   |
| min. ceiling thickness 12.5 mm                        |
| max. ceiling thickness 25 mm                          |
| recessed depth 58 mm                                  |
| recessed depth: 12.5 mm (ceiling) + 45 mm (converter) |

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 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 4000 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;

Light distribution



Product drawing



<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)  
<sup>3</sup> incl. optical losses and the efficiency of the operating device (converter)

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 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                            | 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         |

