

# UNICO L6 basic

ceiling

090-1L651NG001



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



### General

|                              |  |
|------------------------------|--|
| Ceiling , Surface            |  |
| grey , RAL 9006 <sup>1</sup> |  |
| Reflector chrome             |  |
| IP20                         |  |
| 1740 lm                      |  |

### LED

|  |  |
|--|--|
| 3000 K   |  |
| CRI ≥ 90   |  |
| L90 / 50000 h  |  |
| initial MacAdam ≤ 3 SDCM   |  |
| R <sub>g</sub> : 100 , R <sub>f</sub> : 92 , R <sub>f(1-15)</sub> : 91 |  |
| MR 0.64  |  |
| MDER 0.58  |  |

### Optical

|                          |  |
|--------------------------|--|
| narrow medium round      |  |
| beam angle 22°           |  |
| PstLM ≤ 1.0 <sup>2</sup> |  |
| SVM ≤ 0.4 <sup>2</sup>   |  |

### Electrical

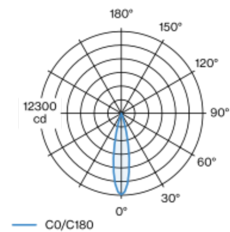
|                             |  |
|-----------------------------|--|
| non DIM                     |  |
| 220-240 V                   |  |
| system 27.1 W               |  |
| system 64 lm/W <sup>3</sup> |  |
| PC1                         |  |

### Physical

|               |  |
|---------------|--|
| length 239 mm |  |
| width 51 mm   |  |
| height 90 mm  |  |
| 0.7 kg        |  |

Rectangular surface mounted multi-downlight made of aluminium; luminaire housing can be attached to mounting plate without tools by interlock; converter integrated into luminaire housing; surface grey powder coated; equipped with six narrow medium round light elements; symmetrical light distribution with precise radiation characteristic, beam angle 22°; high quality reflector with micro-faceted, aluminum-vaporised surface; Reflector chrome; passive cooling of the LEDs through improved heat sink geometry; light colour 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; min. 90% of luminous flux after 50000 operating hours; energy-efficient high power LEDs with very good colour rendering; degree of protection IP20; PC1; 220-240 V; incl. converter, non dimmable; light source not replaceable; control gear replaceable by an authorized professional; clank-free;

### Light distribution



### Product drawing



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

### Installation instructions



### Lighting calculator



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### Maintenance Factors

| Operating Time [h] | 10 000                       | 20 000 | 30 000            | 40 000                          | 50 000 |
|--------------------|------------------------------|--------|-------------------|---------------------------------|--------|
| LLMF               | 0.96                         | 0.95   | 0.95              | 0.94                            | 0.93   |
| 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                            | 48                 |
| B13                            | 62                 |
| B16                            | 76                 |
| B20                            | 95                 |
| C10                            | 81                 |
| C13                            | 104                |
| C16                            | 129                |
| C20                            | 162                |

