

# UNICO L6 basic

trimless

090-7L653E0021 090-7L60100



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



## General

|                    |  |
|--------------------|--|
| Ceiling , Recessed |  |
| chrome reflector   |  |
| IP20               |  |
| 1660 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>(1-15)</sub> : 91 |  |
| MR 0.64   |  |
| MDER 0.58   |  |

## Optical

|   |  |
|---|--|
| medium square                           |  |
| beam angle 32°                          |  |
| UGR ≤ 10 , ≥65° <3000 cd/m <sup>2</sup> |  |
| PstLM ≤ 1.0 <sup>1</sup>                |  |
| SVM ≤ 0.4 <sup>1</sup>                  |  |

## Electrical

|                             |  |
|-----------------------------|--|
| DALI-2                      |  |
| 220-240 V                   |  |
| system 18.6 W               |  |
| system 89 lm/W <sup>2</sup> |  |
| PC2                         |  |

## Physical

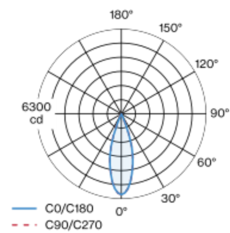
|               |  |
|---------------|--|
| trimless      |  |
| length 235 mm |  |
| width 47 mm   |  |
| height 51 mm  |  |
| 0.75 kg       |  |

## Cutout

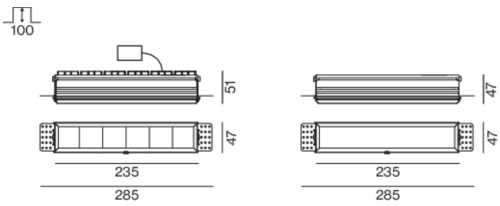
|                                |  |
|--------------------------------|--|
| length 240 mm                  |  |
| width 50 mm                    |  |
| min. ceiling thickness 12.5 mm |  |
| max. ceiling thickness 25 mm   |  |
| recessed depth 100 mm          |  |

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

## Light distribution



## Product drawing



## 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                            | 18                 |
| B16                            | 30                 |
| C10                            | 23                 |
| C16                            | 36                 |

## Components

### MOUNTING SET trimless

| TYPE   | L-W-H (MM) | ARTICLE NUMBER(S) |
|--|------------|-------------------|
| for installation in plasterboard ceilings 12.5/15/20/25 mm | 235-47-47  | 090-7L60100       |



### Mounting accessories

### MOUNTING SET trimless

| TYPE   | L-W-H (MM) | ARTICLE NUMBER(S) |
|--|------------|-------------------|
| for installation in plasterboard ceilings 12.5/15/20/25 mm | 235-47-47  | 090-7L60100       |



### Mounting accessories

### THROUGH WIRING CONNECTION BOX

| TYPE                                     | L-W-H (MM) | ARTICLE NUMBER(S) |
|--|------------|-------------------|
| non DIM cable ø 4 – 12 mm, Linect®-Ready | 105-58-30  | 005-253110        |
| DALI cable ø 4 – 12 mm, Linect®-Ready    | 105-58-30  | 005-255110        |

