

# UNICO L3basic

trim

090-7L351D0021 090-7L3020W



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



## General

|  |
|--|
| Ceiling , Recessed                       |
| chrome reflector , RAL 9016 <sup>1</sup> |
| Mounting set traffic white               |
| IP20                                     |
| 964 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

|                              |
|------------------------------|
| wide flood round             |
| beam angle 72°               |
| ≥65° <1500 cd/m <sup>2</sup> |
| PstLM ≤ 1.0 <sup>2</sup>     |
| SVM ≤ 0.4 <sup>2</sup>       |

## Electrical

|                             |
|-----------------------------|
| non DIM                     |
| 220-240 V                   |
| system 9.8 W                |
| system 98 lm/W <sup>3</sup> |
| PC2                         |

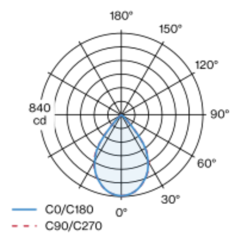
## Physical

|               |
|---------------|
| trim          |
| length 138 mm |
| width 63 mm   |
| height 51 mm  |
| 0.38 kg       |

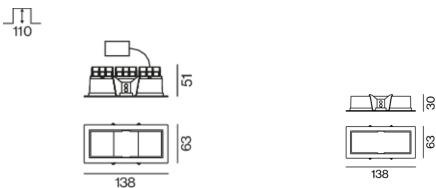
## Cutout

|                              |
|------------------------------|
| length 130 mm                |
| width 50 mm                  |
| min. ceiling thickness 2 mm  |
| max. ceiling thickness 25 mm |
| recessed depth 110 mm        |

## 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 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                            | 31                 |
| B13                            | 40                 |
| B16                            | 50                 |
| B20                            | 62                 |
| B25                            | 78                 |
| C10                            | 52                 |
| C13                            | 67                 |
| C16                            | 85                 |
| C20                            | 104                |
| C25                            | 130                |

## Components

### MOUNTING SET with trim

| TYPE                      | COLOUR        | L-W-H (MM) | ARTICLE NUMBER(S) |
|---------------------------|---------------|------------|-------------------|
| for intermediate ceilings | traffic white | 138-63-30  | 090-7L3020W       |



### Mounting accessories

### MOUNTING SET with trim

| TYPE                      | COLOUR        | L-W-H (MM) | ARTICLE NUMBER(S) |
|---------------------------|---------------|------------|-------------------|
| for intermediate ceilings | traffic white | 138-63-30  | 090-7L3020W       |



### 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  | 005-2531110       |
| DALI cable ø 4 – 12 mm, Linect®-Ready    | 105-58-30  | 005-2551110       |

