

# UNICO L3basic

trim

090-7L343E0B21 090-7L3020B



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



## General

|   |
|---|
| Ceiling , Recessed                      |
| black reflector , RAL 9005 <sup>1</sup> |
| Mounting set jet black                  |
| IP20                                    |
| 781 lm                                  |

## LED

|  |
|--|
| 2700 K   |
| CRI ≥ 90   |
| L90 / 50000 h  |
| initial MacAdam ≤ 3 SDCM   |
| R <sub>g</sub> : 101 , R <sub>f</sub> : 91 , R <sub>f(1-15)</sub> : 89 |
| MR 0.56  |
| MDER 0.51  |

## Optical

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

## Electrical

|                             |
|-----------------------------|
| DALI-2                      |
| 220-240 V                   |
| system 9.8 W                |
| system 80 lm/W <sup>3</sup> |
| PC2                         |

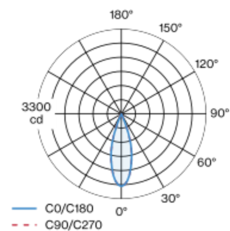
## Physical

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

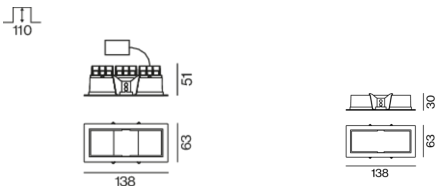
## Cutout

|                              |
|------------------------------|
| 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 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 with trim

| TYPE                      | COLOUR    | L-W-H (MM) | ARTICLE NUMBER(S) |
|---------------------------|-----------|------------|-------------------|
| for intermediate ceilings | jet black | 138-63-30  | 090-7L3020B       |



### Mounting accessories

### MOUNTING SET with trim

| TYPE                      | COLOUR    | L-W-H (MM) | ARTICLE NUMBER(S) |
|---------------------------|-----------|------------|-------------------|
| for intermediate ceilings | jet black | 138-63-30  | 090-7L3020B       |



### 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       |

