

# UNICO L2 basic

trimless

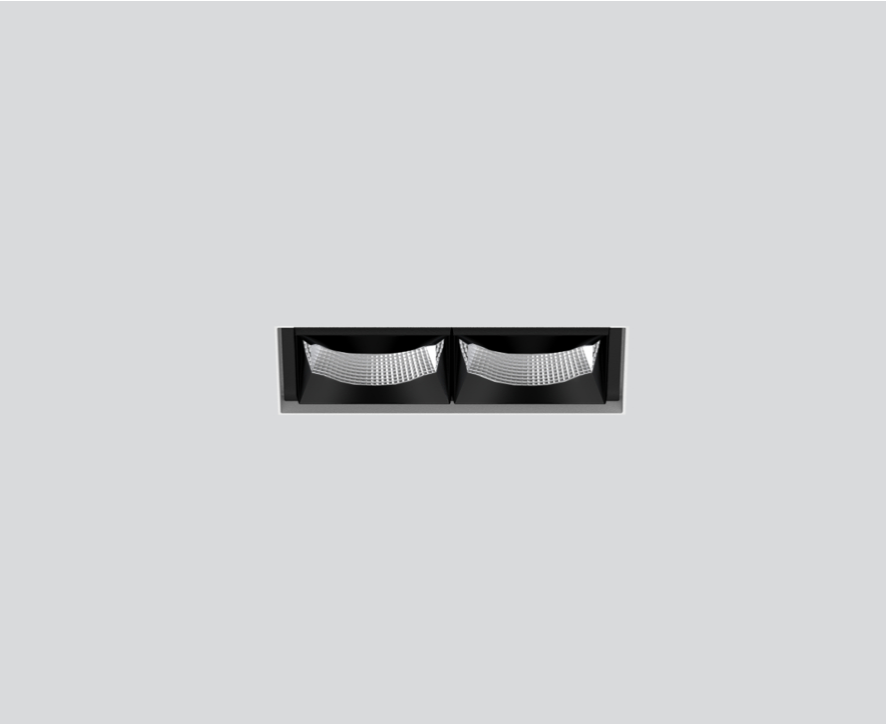
090-7L263R0B21 090-7L20100



Project / Type

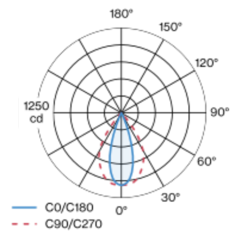
Notes

Count / Date

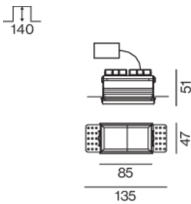


Rectangular recessed multi-downlight made of die-cast aluminium; installation without tools in mounting set due to patented ball catch system; rectangular installation housing; for trimless installation in plasterboard ceilings; suitable for ceiling thickness of 12.5/15/20/25 mm; equipped with two corridor light elements (rectangular medium); symmetrical light distribution with precise radiation characteristic, beam angle 34°x69°; high quality reflector with micro-faceted, aluminum-vaporised surface; black reflector; passive cooling of the LEDs through improved heat sink geometry; light colour 4000 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; PC2; 220-240 V; incl. DALI-2 converter; through wiring connection box, 3-pole or 5-pole, available as an accessory; accessories are listed separately; light source not replaceable; control gear replaceable by an authorized professional; clank-free;

## Light distribution



## Product drawing



## General

Ceiling | Recessed

black reflector

IP20

643 lm

## LED

4000 K

CRI ≥ 90

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

R<sub>g</sub>: 102 | R<sub>f</sub>: 93 | R<sub>(1-15)</sub>: 92

MR 0.81 | MDER 0.74

## Optical

rectangular medium | beam angle 34°x69°

≥65° <3000 cd/m<sup>2</sup>

PstLM ≤ 1.0 <sup>1</sup> | SVM ≤ 0.4 <sup>1</sup>

## Electrical

DALI-2

PC2 | 220-240 V

system 7.3 W

system 88 lm/W <sup>2</sup>

## Physical

trimless

length 85 mm | width 47 mm | height 51 mm

0.55 kg

## Cutout

length 90 mm | width 50 mm

min. ceiling thickness 12.5 mm | max. ceiling thickness 25 mm

recessed depth 140 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

## 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 |
|--------------------------------|--------------------|
| B13                            | 134                |
| B16                            | 166                |
| B20                            | 207                |
| C13                            | 224                |
| C16                            | 282                |
| C20                            | 345                |

## Components

### MOUNTING SET trimless

| TYPE   | L-W-H (MM) | ARTICLE NUMBER(S) |
|--|------------|-------------------|
| for installation in plasterboard ceilings 12.5/15/20/25 mm | 85-47-47   | 090-7L20100       |



### Mounting accessories

### MOUNTING SET trimless

| TYPE   | L-W-H (MM) | ARTICLE NUMBER(S) |
|--|------------|-------------------|
| for installation in plasterboard ceilings 12.5/15/20/25 mm | 85-47-47   | 090-7L20100       |



### 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        |

