

# UNICO L4 basic

trim

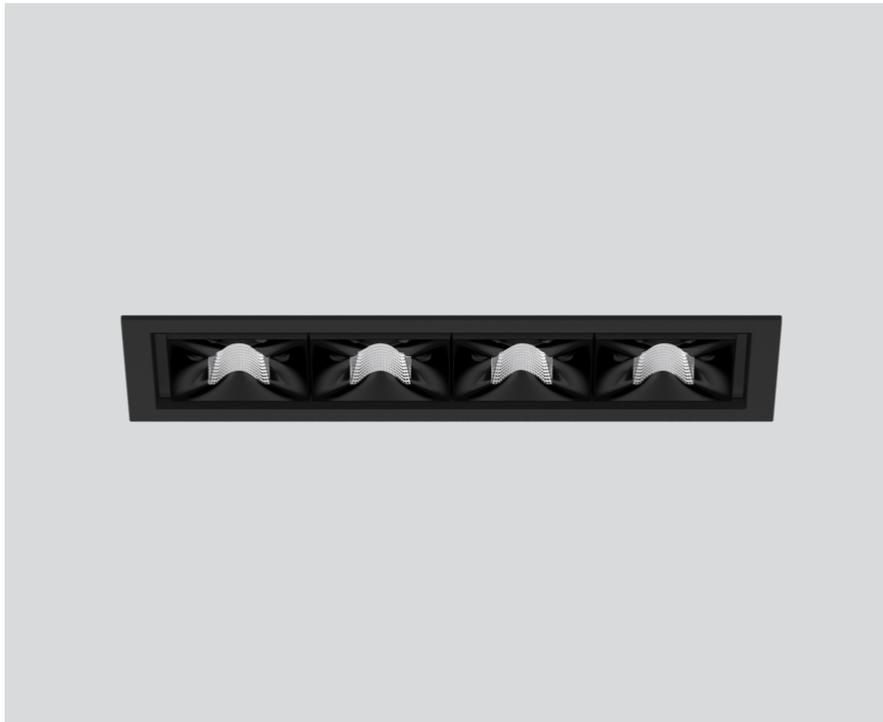
090-7L441B0B21 090-7L4020B



Project / Type

Notes

Count / Date



## General

Ceiling , Recessed  
black reflector , RAL 9005 <sup>1</sup>  
Mounting set jet black  
IP20  
1110 lm

## LED

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

## Optical

medium round  
beam angle 33°  
UGR  $<$  10 ,  $\geq$ 65°  $<$ 3000 cd/m<sup>2</sup>  
PstLM  $\leq$  1.0 <sup>2</sup>  
SVM  $\leq$  0.4 <sup>2</sup>

## Electrical

non DIM  
220-240 V  
system 13.1 W  
system 85 lm/W<sup>3</sup>  
PC2

## Physical

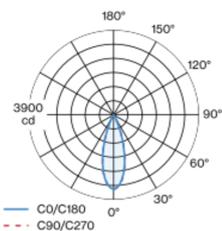
trim  
length 176 mm  
width 63 mm  
height 51 mm  
0.45 kg

## Cutout

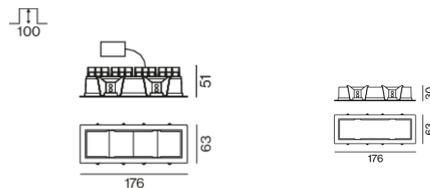
length 165 mm  
width 50 mm  
min. ceiling thickness 2 mm  
max. ceiling thickness 25 mm  
recessed depth 100 mm

Rectangular recessed multi-downlight made of die-cast aluminium; installation without tools in mounting set due to patented ball catch system; rectangular installation housing; with trim jet black; suitable for ceiling thickness of 2-25 mm; equipped with four medium round light elements; symmetrical light distribution with precise radiation characteristic, beam angle 33°; high quality reflector with micro-faceted, aluminum-vaporised surface; black reflector; UGR  $\leq$  10; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65°  $\leq$  3000 cd/m<sup>2</sup>; passive cooling of the LEDs through improved heat sink geometry; light colour 2700 K; binning initial MacAdam  $\leq$  3 SDCM; CRI  $\geq$  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. converter, non dimmable; 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



<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)

<sup>3</sup> FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.

## Installation instructions



## Lighting calculator

