

# UNICO L2 basic high efficient

trim

090-7L223C0B31 090-7L2020B



Project / Type

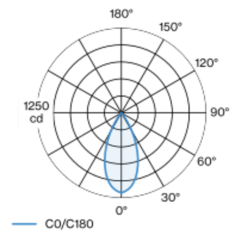
Notes

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; with trim jet black; suitable for ceiling thickness of 2-25 mm; equipped with two flood round light elements; symmetrical light distribution with precise radiation characteristic, beam angle 46°; high quality reflector with micro-faceted, aluminum-vaporised surface; black reflector; UGR ≤ 16; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 3000 cd/m²; passive cooling of the LEDs through improved heat sink geometry; light colour 3500 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; min. 85% 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 | RAL 9005 <sup>1</sup>  
Mounting set jet black  
IP20  
690 lm

## LED

3500 K  
CRI ≥ 90  
L85 / 50000 h  
initial MacAdam ≤ 3 SDCM  
R<sub>g</sub>: 96 | R<sub>f</sub>: 90 | R<sub>t1-15</sub>: 91  
MR 0.74 | MDER 0.67

## Optical

flood round | beam angle 46°  
UGR ≤ 16 | ≥65° <3000 cd/m²  
PstLM ≤ 1.0 <sup>2</sup> | SVM ≤ 0.4 <sup>2</sup>

## Electrical

DALI-2  
PC2 | 220-240 V  
system 6.0 W  
system 115 lm/W <sup>3</sup>

## Physical

trim  
length 101 mm | width 63 mm | height 51 mm

## Cutout

length 90 mm | width 50 mm  
min. ceiling thickness 2 mm | max. ceiling thickness 25 mm  
recessed depth 140 mm

<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

