

# UNICO Q1 basic

trimless

090-7Q163K0021 090-7Q10100



Project / Type \_\_\_\_\_

Notes \_\_\_\_\_

Count / Date \_\_\_\_\_



## General

Ceiling | Recessed \_\_\_\_\_

chrome reflector \_\_\_\_\_

IP20 \_\_\_\_\_

299 lm \_\_\_\_\_

## LED

4000 K \_\_\_\_\_

CRI  $\geq$  90 \_\_\_\_\_

L90 / 50000 h \_\_\_\_\_

initial MacAdam  $\leq$  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

spot round | beam angle 15° \_\_\_\_\_

UGR  $\leq$  10 |  $\geq$ 65° <1500 cd/m<sup>2</sup> \_\_\_\_\_

PstLM  $\leq$  1.0<sup>1</sup> | SVM  $\leq$  0.4<sup>1</sup> \_\_\_\_\_

## Electrical

DALI-2 \_\_\_\_\_

PC2 | 220-240 V \_\_\_\_\_

system 6.0 W \_\_\_\_\_

system 50 lm/W<sup>2</sup> \_\_\_\_\_

## Physical

trimless \_\_\_\_\_

length 47 mm | width 47 mm | height 51 mm \_\_\_\_\_

0.25 kg \_\_\_\_\_

## Cutout

length 50 mm | width 50 mm \_\_\_\_\_

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

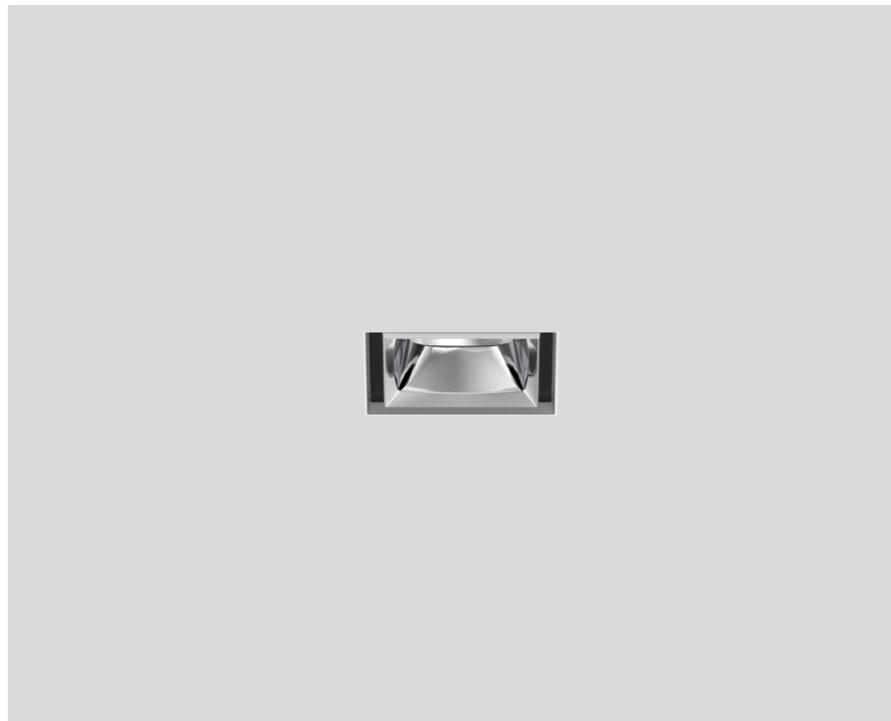
recessed depth 150 mm \_\_\_\_\_

<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

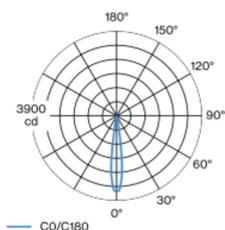


## Lighting calculator



Square recessed multi-downlight made of die-cast aluminium; installation without tools in mounting set due to patented ball catch system; square installation housing; for trimless installation in plasterboard ceilings; suitable for ceiling thickness of 12.5/15/20/25 mm; equipped with a spot round light element; symmetrical light distribution with precise radiation characteristic, beam angle 15°; high quality reflector with micro-faceted, aluminum-vaporised surface; chrome reflector; UGR  $\leq$  10; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65°  $\leq$  1500 cd/m<sup>2</sup>; passive cooling of the LEDs through improved heat sink geometry; light colour 4000 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; incl. DALI-2 converter; light source not replaceable; control gear replaceable by an authorized professional; clank-free;

## Light distribution



## Product drawing

