

# UNICO Q4 basic

trim

090-7Q461B0B21 090-7Q4020W



Project / Type

Notes

Count / Date



## General

Ceiling , Recessed  
black reflector , RAL 9016 <sup>1</sup>  
Mounting set traffic white  
IP20  
1270 lm

## LED

4000 K  
CRI  $\geq 90$   
L90 / 50000 h  
initial MacAdam  $\leq 3$  SDCM  
 $R_g: 102, R_f: 93, R_{f(1-5)}: 92$   
MR 0.81  
MDER 0.74

## Optical

medium round  
beam angle 33°  
 $UGR \leq 10, \geq 65^\circ < 3000 \text{ cd/m}^2$   
 $PstLM \leq 1.0^2$   
 $SVM \leq 0.4^2$

## Electrical

non DIM  
220-240 V  
system 13.1 W  
system 97 lm/W<sup>3</sup>  
PC2

## Physical

trim  
length 101 mm  
width 101 mm  
height 51 mm  
0.53 kg

## Cutout

length 90 mm  
width 90 mm  
min. ceiling thickness 2 mm  
max. ceiling thickness 25 mm  
recessed depth 110 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

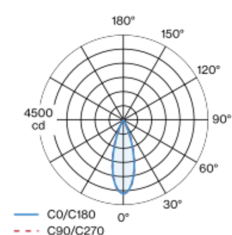
## Installation instructions



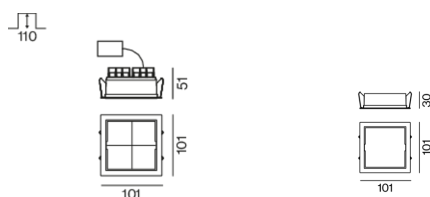
## Lighting calculator



## Light distribution



## Product drawing



['090-7Q461B0B21 090-7Q4020W'] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.

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04.05.2025

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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	traffic white	101-101-30	090-7Q4020W



### Mounting accessories

### MOUNTING SET with trim

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
for intermediate ceilings	traffic white	101-101-30	090-7Q4020W



### 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

