

# UNICO Q9 basic

trim

090-7Q961D0021 090-7Q9020W



Project / Type

Notes

Count / Date



## General

Ceiling , Recessed

chrome reflector , RAL 9016 <sup>1</sup>

Mounting set traffic white

IP20

3300 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>f(1-15)</sub>: 92

MR 0.81

MDER 0.74

## Optical

wide flood round

beam angle 72°

$\geq 65^\circ$  <3000 cd/m<sup>2</sup>

## Electrical

non DIM

220-240 V

system 29.9 W

system 110 lm/W<sup>2</sup>

PC2

## Physical

trim

length 138 mm

width 138 mm

height 51 mm

0.71 kg

## Cutout

length 130 mm

width 130 mm

min. ceiling thickness 2 mm

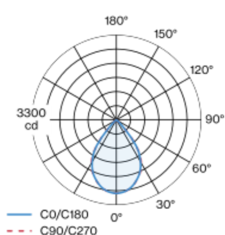
max. ceiling thickness 25 mm

recessed depth 90 mm

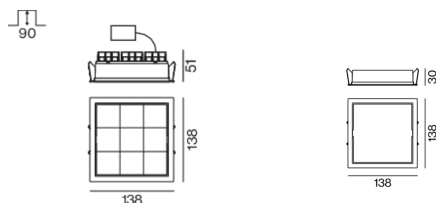
<sup>1</sup> RAL code

<sup>2</sup> incl. consideration of optical losses, internal control unit losses & operating device efficiency

## Light distribution



## Product drawing



## 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
B10	30
B16	49
B20	61
B25	76
C10	30
C16	49
C20	61
C25	76

## Components

### MOUNTING SET with trim

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
for intermediate ceilings	traffic white	138-138-30	090-7Q9020W



## Mounting accessories

### MOUNTING SET with trim

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
for intermediate ceilings	traffic white	138-138-30	090-7Q9020W



## 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	005-2531110
DALI cable ø 4 – 12 mm, Linect®-Ready	105-58-30	005-2551110

