UNICO Q1 basic

trim

090-7Q161N0021 090-7Q1020W

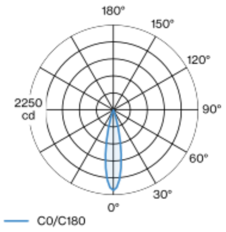
Project / Type

Notes

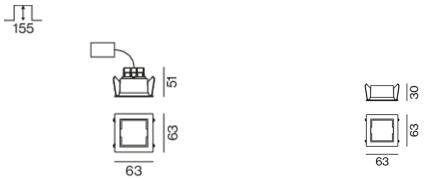
Count / Date

Square recessed multi-downlight made of die-cast aluminium; installation without tools in mounting set due to patented ball catch system; square installation housing; with trim traffic white; suitable for ceiling thickness of 2-25 mm; equipped with a narrow medium round light element; symmetrical light distribution with precise radiation characteristic, beam angle 22°; high quality reflector with micro-faceted, aluminum-vaporised surface; chrome reflector; passive cooling of the LEDs through improved heat sink geometry; light colour 4000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 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. converter, non dimmable; light source not replaceable; control gear replaceable by an authorized professional; clank-free;

Light distribution



Product drawing



General

Ceiling , Recessed
chrome reflector , RAL 9016 [1]
Mounting set traffic white
IP20
303 lm

LED

4000 K
CRI ≥ 90
L90 / 50000 h
initial MacAdam ≤ 3 SDCM
R_g: 102 , R_f: 93 , $R_{f1\text{-}15}$: 92
MR 0.81
MDER 0.74

Optical

narrow medium round
beam angle 22°
PstLM ≤ 1.0 [2]
SVM ≤ 0.4 [2]

Electrical

non DIM
220-240 V
system 6.0 W
system 51 lm/W[3]
PC2

Physical

trim
length 63 mm
width 63 mm
height 51 mm
0.2 kg

Cutout

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

[1] RAL code [2] Value of containing product at full load (undimmed)
[3] incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions

Lighting calculator

['090-7Q161N0021 090-7Q1020W'] 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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