

UNICO Q1basic

ceiling

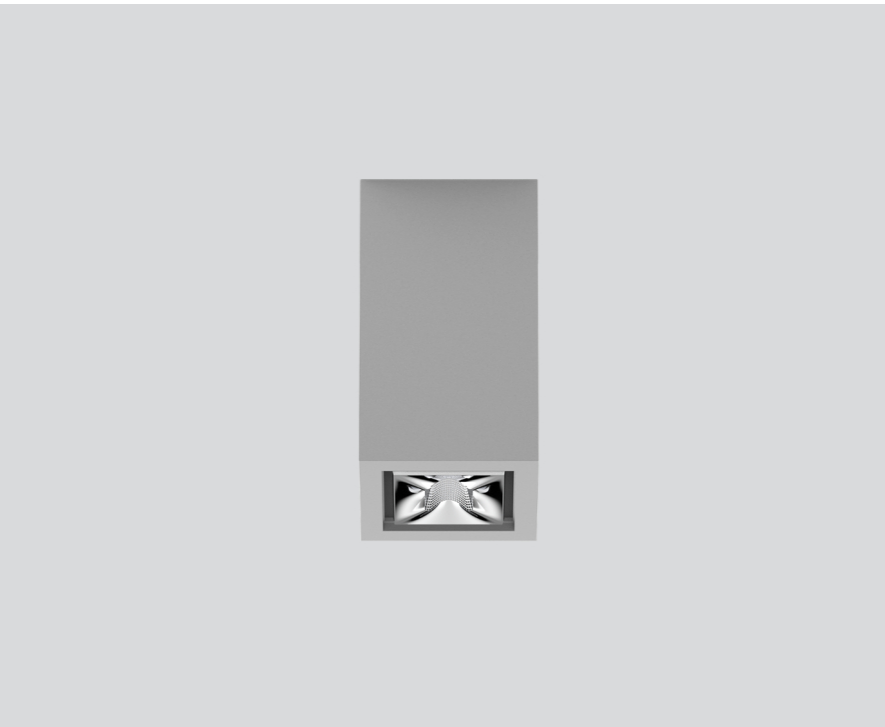
090-1Q151BG001



Project / Type

Notes

Count / Date



General

Ceiling , Surface
grey , RAL 9006 ¹
Reflector chrome
IP20
410 lm

LED

3000 K
CRI ≥ 90
L90 / 50000 h
initial MacAdam ≤ 3 SDCM
R_g: 100 , R_f: 92 , R_{f(1-5)}: 91
MR 0.64
MDER 0.58

Optical

medium round
beam angle 33°
UGR ≤ 10
PstLM ≤ 1.0 ²
SVM ≤ 0.4 ²

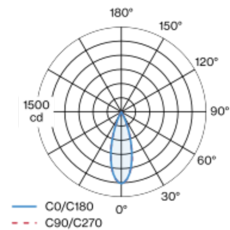
Electrical

non DIM
220-240 V
system 5.7 W
system 72 lm/W³
PC1

Physical

length 51 mm
width 51 mm
height 90 mm
0.2 kg

Light distribution



Product drawing



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



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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 ^a	Room Surface Maintenance Factor	
MF	Maintenance Factor		LLMF	Lamp Lumens Maintenance Factor	
LMF ^a	Luminaire Maintenance Factor		LSF	Lamp Survival Factor	

^a 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	48
B13	62
B16	76
B20	95
C10	81
C13	104
C16	129
C20	162

