

UNICO Q1 basic

ceiling

090-1Q151K9001



Project / Type

Notes

Count / Date



General

Ceiling , Surface

gold , RAL 260-M¹

Reflector chrome

IP20

302 lm

LED

3000 K

CRI \geq 90

L90 / 50000 h

initial MacAdam \leq 3 SDCM

R_g: 100 , R_f: 92 , R_{f(-15)}: 91

MR 0.64

MDER 0.58

Optical

spot round

beam angle 15°

UGR \leq 10 , \geq 65° $<$ 1500 cd/m²

PstLM \leq 1.0²

SVM \leq 0.4²

Electrical

non DIM

220-240 V

system 5.7 W

system 53 lm/W³

PC1

Physical

length 51 mm

width 51 mm

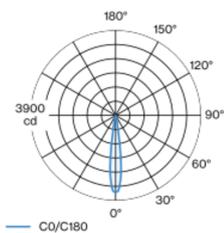
height 90 mm

0.2 kg

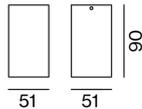
¹ RAL code ² Value of containing product at full load (undimmed)

³ FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.

Light distribution



Product drawing



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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 Faktor

^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