

UNICO L3basic

ceiling

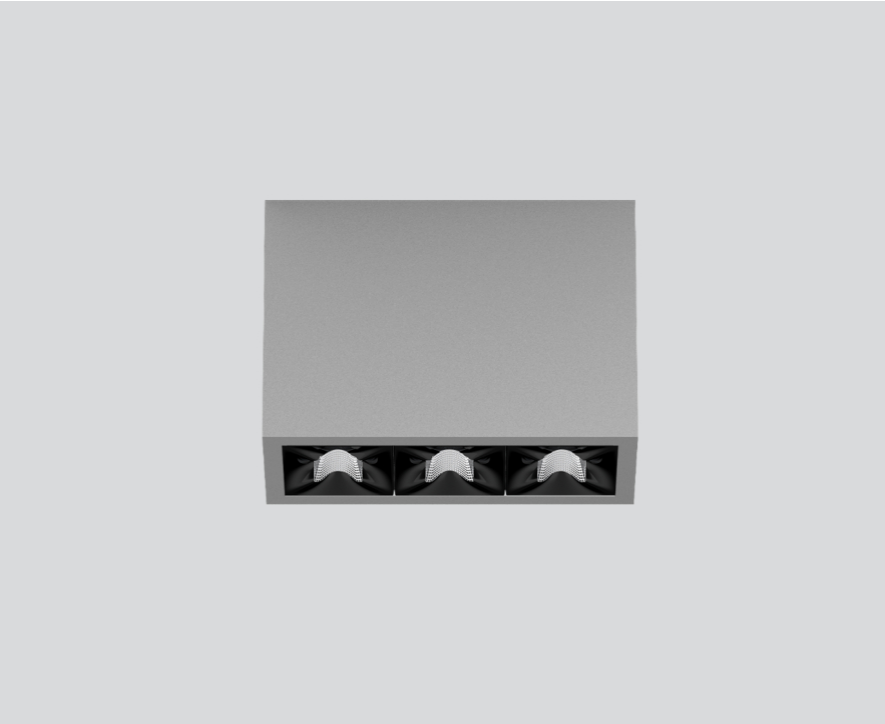
090-1L361BGB01



Project / Type

Notes

Count / Date



General

Ceiling , Surface

grey , RAL 9006 ¹

Reflector black

IP20

1540 lm

LED

4000 K

CRI ≥ 90

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 102 , R_f: 93 , R_{f(1-15)}: 92

MR 0.81

MDER 0.74

Optical

medium round

beam angle 33°

UGR ≤ 10

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

Electrical

non DIM

220-240 V

system 17.9 W

system 86 lm/W³

PC1

Physical

length 126 mm

width 51 mm

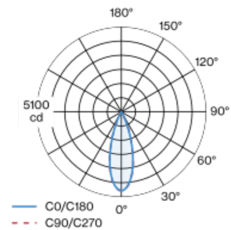
height 90 mm

0.45 kg

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

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

MF

Maintenance Factor

LMF^a

Luminaire Maintenance Factor

RSMF^a

Room Surface Maintenance Factor

LLMF

Lamp Lumens 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	42
B16	68
B20	85
C10	57
C16	91
C20	114

