

# UNICO L3basic

ceiling

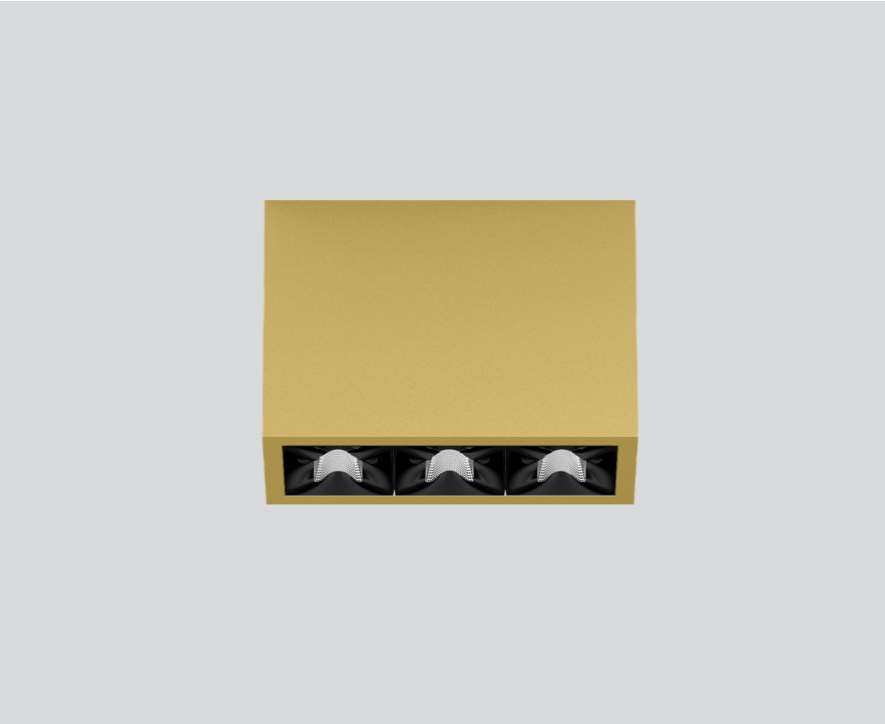
090-1L353B9B01



Project / Type

Notes

Count / Date



### General

Ceiling , Surface

gold , RAL 260-M<sup>1</sup>

Reflector black

IP20

1440 lm

### LED

3000 K

CRI ≥ 90

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

R<sub>g</sub>: 100 , R<sub>f</sub>: 92 , R<sub>f(1-5)</sub>: 91

MR 0.64

MDER 0.58

### Optical

medium round

beam angle 33°

UGR ≤ 10

PstLM ≤ 1.0<sup>2</sup>

SVM ≤ 0.4<sup>2</sup>

### Electrical

DALI-2

220-240 V

system 17.9 W

system 80 lm/W<sup>3</sup>

PC1

### Physical

length 126 mm

width 51 mm

height 90 mm

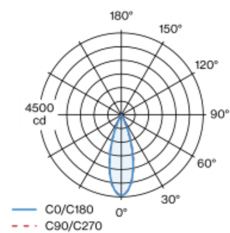
0.45 kg

<sup>1</sup> RAL code

<sup>2</sup> Value of containing product at full load (undimmed)

<sup>3</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	45
B13	59
B16	72
B20	90
C10	77
C13	100
C16	122
C20	153

