

# UNICO L6 basic

ceiling

090-1L661R9001



Project / Type

Notes

Count / Date



## General

Ceiling , Surface

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

Reflector chrome

IP20

2530 lm

## LED

4000 K

CRI ≥ 90

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

R<sub>g</sub>: 102 , R<sub>f</sub>: 93 , R<sub>f(1-15)</sub>: 92

MR 0.81

MDER 0.74

## Optical

rectangular medium

beam angle 34°x69°

PstLM ≤ 1.0<sup>2</sup>

SVM ≤ 0.4<sup>2</sup>

## Electrical

non DIM

220-240 V

system 27.1 W

system 93 lm/W<sup>3</sup>

PC1

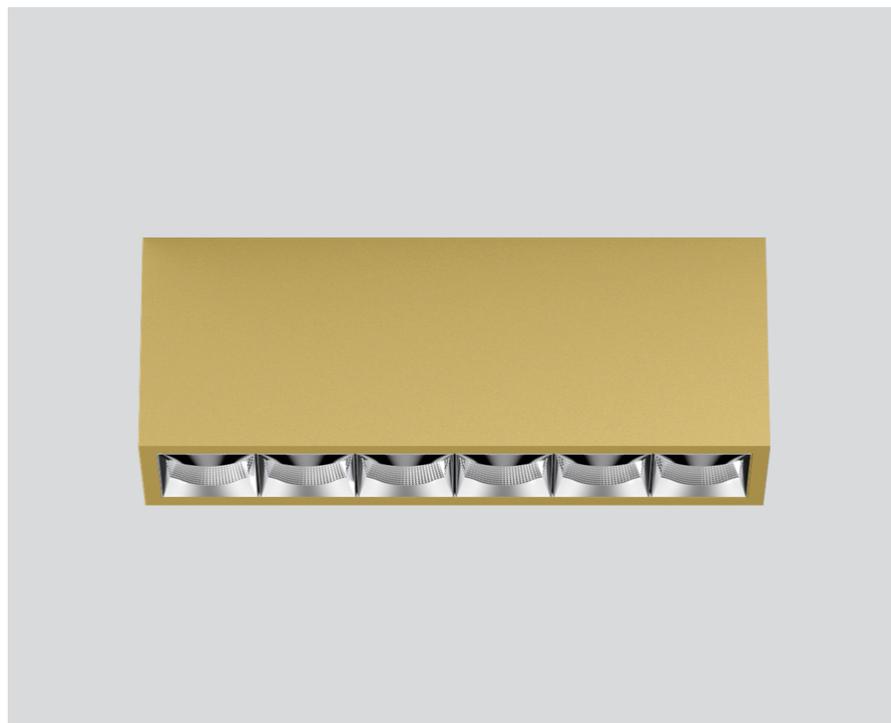
## Physical

length 239 mm

width 51 mm

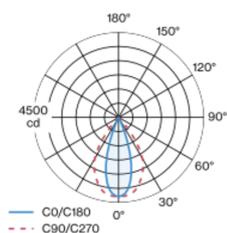
height 90 mm

0.7 kg



Rectangular surface mounted multi-downlight made of aluminium; luminaire housing can be attached to mounting plate without tools by interlock; converter integrated into luminaire housing; surface gold powder coated; equipped with six corridor light elements (rectangular medium); symmetrical light distribution with precise radiation characteristic, beam angle 34°x69°; high quality reflector with micro-faceted, aluminum-vaporised surface; Reflector chrome; 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; PC1; 220-240 V; incl. converter, non dimmable; light source not replaceable; control gear replaceable by an authorized professional; clank-free;

## Light distribution



## Product drawing



<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

## 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 Faktor

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