

# UNICO L6 basic

trimless

090-7L661F0B21 090-7L60100



Project / Type

Notes

Count / Date



## General

Ceiling , Recessed

black reflector

IP20

2120 lm

## LED

4000 K

CRI  $\geq 90$

L90 / 50000 h

initial MacAdam  $\leq 3$  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

flood square

beam angle 56°

UGR < 19 ,  $\geq 65^\circ$  <3000 cd/m<sup>2</sup>

PstLM  $\leq 1.0$ <sup>1</sup>

SVM  $\leq 0.4$ <sup>1</sup>

## Electrical

non DIM

220-240 V

system 18.6 W

system 114 lm/W<sup>2</sup>

PC2

## Physical

trimless

length 235 mm

width 47 mm

height 51 mm

0.7 kg

## Cutout

length 240 mm

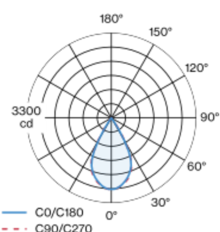
width 50 mm

min. ceiling thickness 12.5 mm

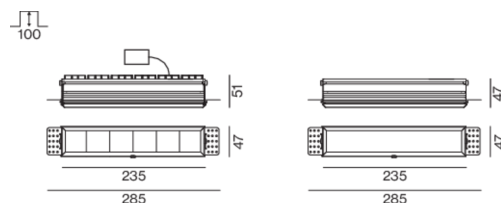
max. ceiling thickness 25 mm

recessed depth 100 mm

## Light distribution



## Product drawing



[090-7L661F0B21 090-7L60100] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.

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## 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	22
B16	36
C10	37
C16	60

## Components

### MOUNTING SET trimless

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
for installation in plasterboard ceilings 12.5/15/20/25 mm	235-47-47	090-7L60100



### Mounting accessories

### MOUNTING SET trimless

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
for installation in plasterboard ceilings 12.5/15/20/25 mm	235-47-47	090-7L60100



### Mounting accessories

### THROUGH WIRING CONNECTION BOX

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
non DIM cable ø 4 – 12 mm, Linect®-Ready	105-58-30	005-253110
DALI cable ø 4 – 12 mm, Linect®-Ready	105-58-30	005-255110

