

# UNICO L6 basic

trimless

090-7L643F0B21 090-7L60100



Project / Type
Notes
Count / Date



## General

Ceiling , Recessed
black reflector
IP20
1860 lm

## LED

2700 K
CRI $\geq 90$
L90 / 50000 h
initial MacAdam $\leq 3$ SDCM
R <sub>g</sub> : 101 , R <sub>r</sub> : 91 , R <sub>(1-5)</sub> : 89
MR 0.56
MDER 0.51

## Optical

flood square
beam angle 56°
UGR $< 16$ , $\geq 65^\circ < 3000$ cd/m <sup>2</sup>
PstLM $\leq 1.0$ <sup>1</sup>
SVM $\leq 0.4$ <sup>1</sup>

## Electrical

DALI-2
220-240 V
system 18.6 W
system 100 lm/W <sup>2</sup>
PC2

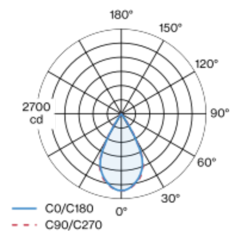
## Physical

trimless
length 235 mm
width 47 mm
height 51 mm
0.7 kg

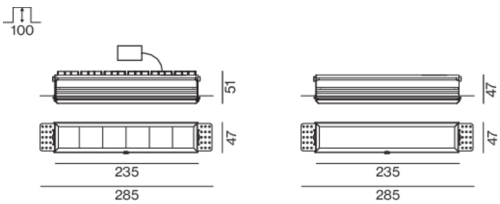
## Cutout

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



<sup>1</sup> Value of containing product at full load (undimmed)  
<sup>2</sup> FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: 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	18
B16	30
C10	23
C16	36

## 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

