

# UNICO L4 basic

trimless

090-7L461G0B21 090-7L40100



Project / Type

Notes

Count / Date



## General

Ceiling , Recessed

black reflector

IP20

1520 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

wide flood square

beam angle 71°

$\geq 65^\circ$  <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 13.1 W

system 116 lm/W<sup>2</sup>

PC2

## Physical

trimless

length 160 mm

width 47 mm

height 51 mm

0.54 kg

## Cutout

length 165 mm

width 50 mm

min. ceiling thickness 12.5 mm

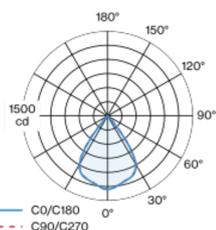
max. ceiling thickness 25 mm

recessed depth 100 mm

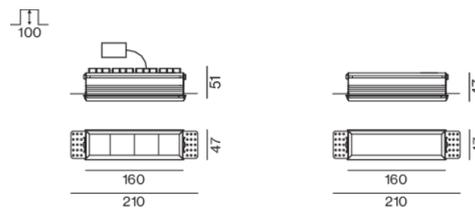
<sup>1</sup> Value of containing product at full load (undimmed)

<sup>2</sup> incl. consideration of optical losses, internal control unit losses & operating device efficiency

## Light distribution



## Product drawing



## Installation instructions



## Lighting calculator



[090-7L461G0B21 090-7L40100] 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.

© XAL GmbH · Auer-Welsbach-Gasse 36 · 8055 Graz · Austria · www.xal.com

01.05.2025

1 / 2

# UNICO L4 basic

trimless

090-7L461G0B21 090-7L40100



Project / Type

Notes

Count / Date

## 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	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	160-47-47	090-7L40100



### Mounting accessories

#### MOUNTING SET trimless

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
for installation in plasterboard ceilings 12.5/15/20/25 mm	160-47-47	090-7L40100



### 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	005-2531110
DALI cable ø 4 – 12 mm, Linect®-Ready	105-58-30	005-2551110



[090-7L461G0B21 090-7L40100] 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.

© XAL GmbH · Auer-Welsbach-Gasse 36 · 8055 Graz · Austria · www.xal.com

01.05.2025

2 / 2