

UNICO L6 basic

trimless

090-7L653F0B21 090-7L60100



Project / Type

Notes

Count / Date



General

Ceiling , Recessed

black reflector

IP20

1980 lm

LED

3000 K

CRI ≥ 90

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 100 , R_f: 92 , R₍₁₋₁₅₎: 91

MR 0.64

MDER 0.58

Optical

flood square

beam angle 56°

UGR < 19 , $\geq 65^\circ$ < 3000 cd/m²

PstLM ≤ 1.0 ¹

SVM ≤ 0.4 ¹

Electrical

DALI-2

220-240 V

system 18.6 W

system 106 lm/W²

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

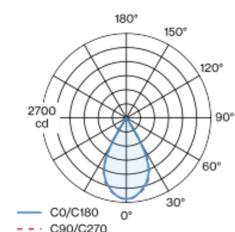
max. ceiling thickness 25 mm

recessed depth 100 mm

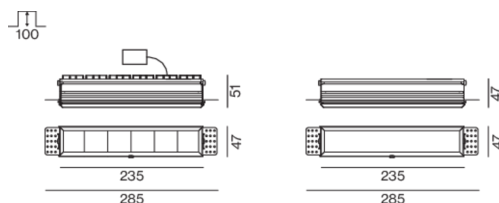
¹ Value of containing product at full load (undimmed)

² FIXTURE: incl. consideration of optical losses & internal control unit losses
SYSTEM: 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 ^a Room Surface Maintenance Factor		
MF	Maintenance Factor		LLMF Lamp Lumens Maintenance Factor		
LMF ^a	Luminaire Maintenance Factor		LSF Lamp Survival Faktor		

^a 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

