



Project / Type

Notes

Count / Date



General

Ceiling / Wall , Recessed

white , RAL9016 <sup>1</sup>

2010 lm/m

front IP40 , back IP20

2450 lm

LED

3000 K

CRI ≥ 80

L90 / 50000 h

photobio. safety RG 0 - no Risk

initial MacAdam ≤ 3 SDCM

MR 0.54

MDER 0.49

Optical

High Performance Opal

PstLM ≤ 1.0 <sup>2</sup>

SVM ≤ 0.4 <sup>2</sup>

Electrical

DALI-2

19.1 W

PC2 220-240V

128 lm/W

1 DALI Addr.

16 W/m

Physical

trimless

length 1221 mm

width 92 mm

height 13 mm

2.7 kg

Cutout

length 1227 mm

width 95 mm

min. ceiling thickness 12.5 mm

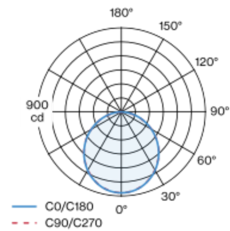
max. ceiling thickness 25 mm

recessed depth 58 mm

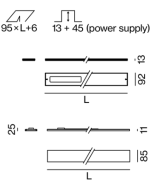
recessed depth: 12.5 mm (ceiling) + 45 mm (converter)

<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)

Light distribution



Product drawing



Installation instructions





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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.98	0.95	0.93	0.91	0.9
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	19
B13	24
B16	31
B20	40
C10	31
C13	40
C16	51
C20	66

Components

INSTALLATION CHANNEL

TYPE	L·W·H (MM)	ARTICLE NUMBER(S)
1221 mm	1221-92-13	051-8900127



Mounting accessories

END CAPS

TYPE	ARTICLE NUMBER(S)
1 pair	051-8990217



Mounting accessories

LINEAR CONNECTOR

TYPE	ARTICLE NUMBER(S)
1 pair	051-8990110
10 pairs	051-8990110.10



Other accessories

DISMOUNTING TOOL

TYPE	ARTICLE NUMBER(S)
vacuum cup	086-30000

