



Project / Type

Notes

Count / Date

**General**Ceiling / Wall , Semi-Recessed¹-Surface²black , RAL 9005³front IP40¹-IP20² , back IP20

1300 lm

2120 lm/m

jet black

LED

4000 K

CRI ≥ 80

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

MR 0.72

MDER 0.66

Optical

High Performance Opal

opal (lambertsch)

PstLM ≤ 1.0^{1 2 4}SVM ≤ 0.4^{1 2 4}**Electrical**

DALI-2

220-240 V

system 10.8 W

system 120 lm/W⁵

PC1

1 DALI Addr.

18 W/m

Physical

length 613 mm

width 89 mm

height 28 mm

1.8 kg

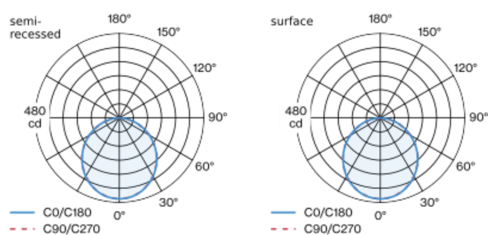
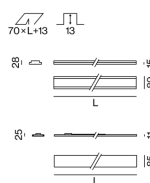
Cutout

length 626 mm

width 70 mm

min. ceiling thickness 12.5 mm

recessed depth 13 mm

¹ semi-recessed ² surface ³ RAL code⁴ Value of containing product at full load (undimmed)⁵ 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**



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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 ^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
B13	24
B16	30
B20	37
C10	31
C13	40
C16	51
C20	62

Components

INSTALLATION CHANNEL

COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
jet black	613-89-28	051-8920068



Mounting accessories

END CAPS

COLOUR	ARTICLE NUMBER(S)
pure white	051-8992217
jet black	051-8992218



Mounting accessories

LINEAR CONNECTOR

TYPE	ARTICLE NUMBER(S)
1 pair	051-8992110
10 pairs	051-8992110:10



POWER FEEDER CONNECTOR

ARTICLE NUMBER(S)
051-8992330



Other accessories

DISMOUNTING TOOL

TYPE	ARTICLE NUMBER(S)
vacuum cup	086-30000

