



Project / Type

Notes

Count / Date



General
Ceiling / Wall , Surface ¹ -Semi-Recessed ²
black , RAL9005 ³
2010 lm/m
front IP20 ¹ -IP40 ² , back IP20
2450 lm

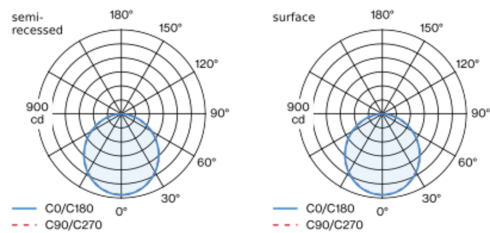
LED
3000 K
CRI ≥ 80
L90 / 50000 h
photobio. safety RG 0 - no Risk
initial MacAdam ≤ 3 SDCM
MR 0.54
MDER 0.49

Optical
High Performance Opal
PstLM ≤ 1.0 ⁴
SVM ≤ 0.4 ⁴

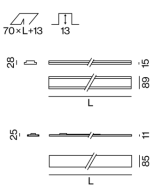
Electrical
DALI-2
19.1 W
PC1 220-240V
128 lm/W
1 DALI Addr.
16 W/m

Physical
length 1221 mm
width 89 mm
height 28 mm
3 kg

Light distribution



Product drawing



Cutout
length 1234 mm
width 70 mm
min. ceiling thickness 12.5 mm
recessed depth 13 mm

¹ surface ² semi-recessed ³ RAL code
⁴ Value of containing product at full load (undimmed)

Installation instructions





Project / Type

Notes

Count / Date

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

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
1221 mm	jet black	1221-89-28	051-8920128



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

