



Project / Type _____

Notes _____

Count / Date _____



General
Ceiling / Wall , Semi-Recessed ¹ -Surface ²
white , RAL 9010 ³
front IP40 ¹ -IP20 ² , back IP20
4900 lm
2010 lm/m
traffic white

LED
3000 K
CRI ≥ 80
L90 / 50000 h
initial MacAdam ≤ 3 SDCM
MR 0.54
MDER 0.49

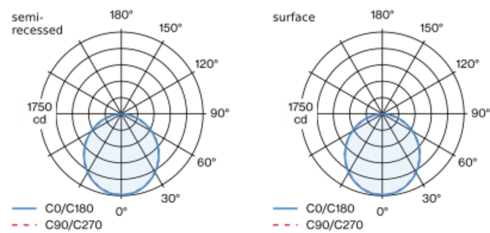
Optical
High Performance Opal
opal (lambertsch)
PstLM ≤ 1.0 ^{1 2 4}
SVM ≤ 0.4 ^{1 2 4}

Electrical
DALI-2
220-240 V
system 38 W
system 129 lm/W ⁵
PC1
1 DALI Addr.
16 W/m

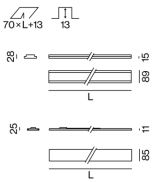
Physical
length 2438 mm
width 89 mm
height 28 mm
5.5 kg

Cutout
length 2451 mm
width 70 mm
min. ceiling thickness 12.5 mm
recessed depth 13 mm

Light distribution



Product drawing



¹ semi-recessed ² surface ³ RAL code
⁴ 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.

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

MF

Maintenance Factor

LMF^a

Luminaire Maintenance Factor

RSMF^a

Room Surface Maintenance Factor

LLMF

Lamp Lumens 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)
traffic white	2438-89-28	051-8920247



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

