



Project / Type

Notes

Count / Date



General
Ceiling / Wall , Track
rotation 360°
black , RAL 9005 ¹
IP20
2380 lm
1980 lm/m
optical inset 161 lm/W ²

LED
2700 K
CRI ≥ 80
L90 / 50000 h
initial MacAdam ≤ 3 SDCM
MR 0.47
MDER 0.42

Optical
opal (lambertsch)
PstLM ≤ 1.0 ³
SVM ≤ 0.4 ³

Electrical
DALI-2
48 V
fixture 21.2 W
optical inset 14.8 W
PC3
1 DALI Addr.
18 W/m

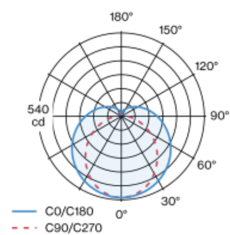
Physical
length 1210 mm
width 33 mm
height 33 mm
0.45 kg

¹ RAL code

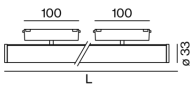
² OPTICAL INSET: incl. consideration of optical losses

³ 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

MF

LMF^a

LMF × RSMF × LLMF × LSF

Maintenance Factor

Luminaire Maintenance Factor

RSMF^a

LLMF

LSF

Room Surface Maintenance Factor

Lamp Lumens Maintenance Factor

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.