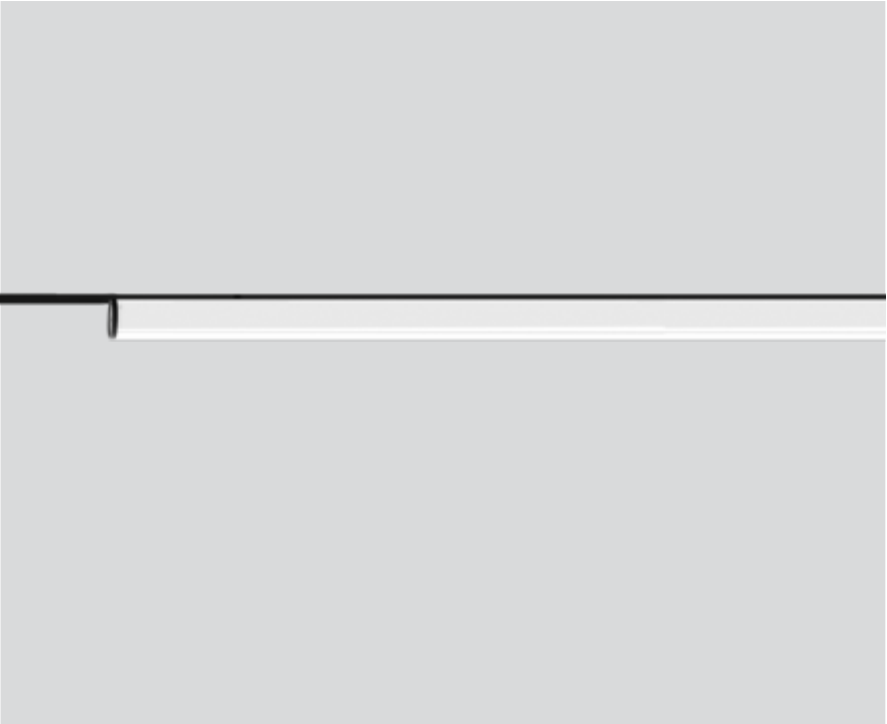




Project / Type _____

Notes _____

Count / Date _____



General

Ceiling / Wall , Track _____

rotation 360° _____

black , RAL 9005 ¹ _____

IP20 _____

2380 lm _____

1980 lm/m _____

optical inset 161 lm/W² _____

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 _____

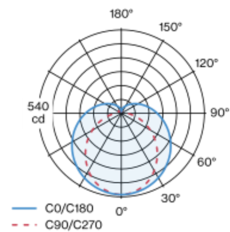
0.45 kg _____

¹ RAL code

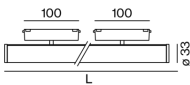
² OPTICAL INSET: incl. consideration of optical losses

³ Value of containing product at full load (undimmed)

Light distribution



Product drawing



Installation instructions





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

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.