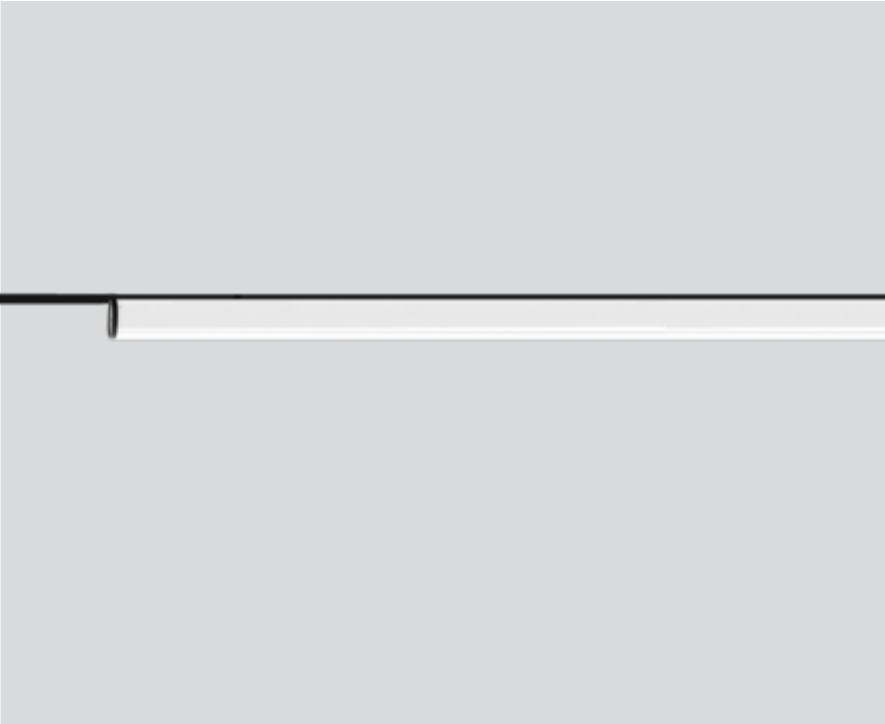




Project / Type

Notes

Count / Date



General

Ceiling / Wall , Track

rotation 360°

black , RAL 9005 <sup>1</sup>

IP20

2380 lm

1980 lm/m

optical inset 161 lm/W<sup>2</sup>

LED

2700 K

CRI ≥ 80

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

MR 0.47

MDER 0.42

Optical

opal (lambertsch)

PstLM ≤ 1.0 <sup>3</sup>

SVM ≤ 0.4 <sup>3</sup>

Electrical

non DIM

48 V

fixture 21.2 W

optical inset 14.8 W

PC3

18 W/m

Physical

length 1210 mm

width 33 mm

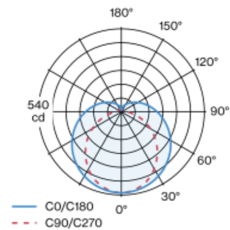
height 33 mm

0.45 kg

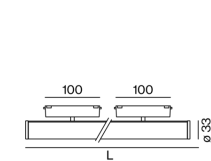
<sup>1</sup> RAL code <sup>2</sup> incl. consideration of optical losses

<sup>3</sup> 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<sup>a</sup>

LMF × RSMF × LLMF × LSF

Maintenance Factor

Luminaire Maintenance Factor

RSMF<sup>a</sup>

LLMF

LSF

Room Surface Maintenance Factor

Lamp Lumens Maintenance Factor

Lamp Survival Factor

<sup>a</sup> 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.