



Project / Type \_\_\_\_\_

Notes \_\_\_\_\_

Count / Date \_\_\_\_\_



**General**

Ceiling / Wall , Track \_\_\_\_\_

rotation 360° \_\_\_\_\_

black , RAL9005 <sup>1</sup> \_\_\_\_\_

1980 lm/m \_\_\_\_\_

IP20 \_\_\_\_\_

3570 lm \_\_\_\_\_

**LED**

2700 K \_\_\_\_\_

CRI ≥ 80 \_\_\_\_\_

L80 / 50000 h \_\_\_\_\_

photobio. safety RG 0 - no Risk \_\_\_\_\_

initial MacAdam ≤ 3 SDCM \_\_\_\_\_

MR 0.47 \_\_\_\_\_

MDER 0.42 \_\_\_\_\_

**Electrical**

non DIM \_\_\_\_\_

32 W \_\_\_\_\_

PC3 48V \_\_\_\_\_

112 lm/W \_\_\_\_\_

18 W/m \_\_\_\_\_

**Physical**

length 1810 mm \_\_\_\_\_

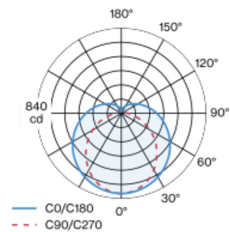
width 33 mm \_\_\_\_\_

height 33 mm \_\_\_\_\_

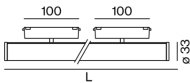
0.6 kg \_\_\_\_\_

<sup>1</sup> RAL code

**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	0.96	0.93	0.89	0.85	0.82
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 Faktor

<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.