



Project / Type

Notes

Count / Date



IP 44

220-240V

General

Wall , Surface

white , RAL9010 ¹

End cap brushed aluminium

IP44

2220 lm

LED

4000 K

CRI ≥ 90

L80 / 50000 h

photobio. safety RG 0 - no Risk

initial MacAdam ≤ 3 SDCM

R_g: 98 , R_f: 90 , R_{t(1-15)}: 88

MR 0.76

MDER 0.69

Optical

High Performance Opal

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

Electrical

non DIM

19.7 W

PC1 220-240V

113 lm/W

Physical

length 900 mm

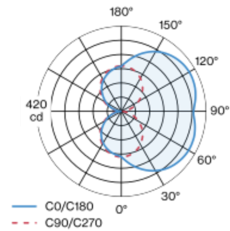
width 80 mm

height 40 mm

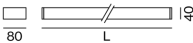
1.3 kg

¹ RAL code ² 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 | 0.96 | 0.92 | 0.87 | 0.83 | 0.8 |
| LSF | 1 | 1 | 1 | 1 | 1 |
| MF | LMF × RSMF × LLMF × LSF | | RSMF ^a | Room Surface Maintenance Factor | |
| MF | Maintenance Factor | | LLMF | Lamp Lumens Maintenance Factor | |
| LMF ^a | Luminaire 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 | 23 |
| B13 | 29 |
| B16 | 37 |
| B20 | 46 |
| B25 | 57 |
| C10 | 38 |
| C13 | 49 |
| C16 | 62 |
| C20 | 76 |
| C25 | 96 |