

FRAME 60 mid lumen

trim

052-47L3517H



Project / Type

Notes

Count / Date



General

Ceiling , Recessed

white , RAL9016 ¹

1410 lm/m

IP20

1230 lm

LED

3000 K

CRI ≥ 80

L90 / 50000 h

photobio. safety RG 0 - no Risk

initial MacAdam ≤ 3 SDCM

MR 0.56

MDER 0.51

Optical

High Performance Opal

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

Electrical

non DIM

11.3 W

PC1 220-240V

109 lm/W

13 W/m

Physical

trim

length 893 mm

width 77 mm

height 78 mm

2.34 kg

Cutout

length 883 mm

width 66 mm

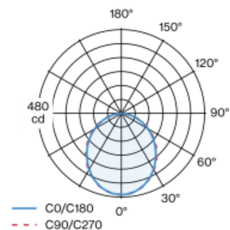
min. ceiling thickness 8 mm

max. ceiling thickness 25 mm

recessed depth 104 mm

¹ RAL code ² Value of containing product at full load (undimmed)

Light distribution



Product drawing



Lighting calculator



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Maintenance Factors

| Operating Time [h] | 10 000 | 20 000 | 30 000 | 40 000 | 50 000 |
|--------------------|------------------------------|--------|-------------------|---------------------------------|--------|
| LLMF | 0.98 | 0.96 | 0.94 | 0.92 | 0.9 |
| 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 | 9 |
| B13 | 13 |
| B16 | 15 |
| B20 | 18 |
| C10 | 18 |
| C13 | 26 |
| C16 | 30 |
| C20 | 36 |

Mounting accessories

CONCRETE INSTALLATION HOUSING

| TYPE | L·W·H (MM) | ARTICLE NUMBER(S) |
|--------|------------|-------------------|
| 935 mm | 935-75-88 | 035-04096 |

