

FRAME 60 high lumen

trim

052-4738D3GH



Project / Type

Notes

Count / Date



General

Ceiling , Recessed

grey , RAL9006 ¹

2570 lm/m

IP20

6020 lm

LED

tunable white

2700 K - 6500 K

CRI ≥ 80

L90 / 50000 h

photobio. safety RG 0 - no Risk

initial MacAdam ≤ 3 SDCM

MR 0.48

MDER 0.44

Optical

High Performance Opal

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

Electrical

DALI-2 DT8

49 W

PC1 220-240V

123 lm/W

1 DALI Addr.

21 W/m

Physical

length 2365 mm

width 77 mm

height 78 mm

5.5 kg

Cutout

length 2355 mm

width 66 mm

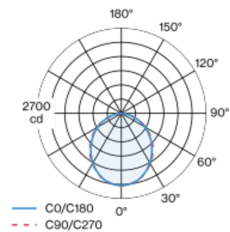
min. ceiling thickness 8 mm

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 | 12 |
| B16 | 15 |
| B20 | 19 |
| C10 | 15 |
| C13 | 20 |
| C16 | 25 |
| C20 | 32 |

Mounting accessories

CONCRETE INSTALLATION HOUSING

| | | |
|---------|------------|-------------------|
| TYPE | L-W-H (MM) | ARTICLE NUMBER(S) |
| 2407 mm | 2407-75-88 | 035-04236 |

