



Project / Type

Notes

Count / Date



RG0  
IEC 62471

220-240V

X-PERT

X-PERT

General

Ceiling , Recessed

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

2340 lm/m

IP20

3510 lm

LED

3000 K

CRI ≥ 90

L90 / 50000 h

photobio. safety RG 0 - no Risk

initial MacAdam ≤ 3 SDCM

R<sub>g</sub>: 99 , R<sub>f</sub>: 91 , R<sub>(1-15)</sub>: 89

MR 0.61

MDER 0.55

Optical

High Performance Opal

opal (lambertsch)

PstLM ≤ 1.0 <sup>2</sup>

SVM ≤ 0.4 <sup>2</sup>

Electrical

DALI-2

system 34 W

PC2 220-240V

system 103 lm/W<sup>3</sup>

23 W/m

Physical

length 1500 mm

width 38 mm

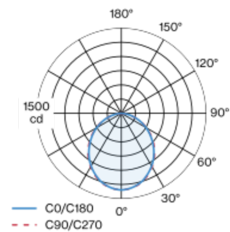
height 77 mm

5.5 kg

<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)  
<sup>3</sup> incl. optical losses and the efficiency of the operating device (converter)

Luminaire housing made of extruded aluminium profile; angular design; for continuous lighting systems; light-tight end caps in aluminium (available as an accessory); surface black powder coated; suitable for installation in the HAUFÉ louvre ceiling system; extruded profile for improved thermal management; light colour 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; HPO (High Performance Opal) cover for uniform illumination; degree of protection IP20; PC2 220-240V; photobiological safety according to IEC 62471 risk group RG 0 - no Risk; incl. DALI-2 converter; converter flexible positionable on the luminaire profile; converter suitable for through-wiring; accessories are listed separately; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



Installation instructions



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 <sup>a</sup> Room Surface Maintenance Factor |        |        |
| MF                 | Maintenance Factor           |        | LLMF Lamp Lumens Maintenance Factor               |        |        |
| LMF <sup>a</sup>   | Luminaire Maintenance Factor |        | LSF 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.

Circuit Breaker Types

| Automatic Circuit Breaker Type | Number of Fixtures |
|--------------------------------|--------------------|
| B10                            | 37                 |
| B16                            | 60                 |
| C10                            | 37                 |
| C16                            | 60                 |

Components

LINEAR COVER

| TYPE    | ARTICLE NUMBER(S) |
|---------|-------------------|
| 1500 mm | 006-4215010H      |



Mounting accessories

END CAPS

| TYPE   | COLOUR        | L-W-H (MM) | ARTICLE NUMBER(S) |
|--------|---------------|------------|-------------------|
| 1 pair | traffic white | 40-2-25    | 045-9090017       |
| 1 pair | jet black     | 40-2-25    | 045-9090018       |



Mounting accessories

MECHANICAL LINEAR CONNECTOR

| ARTICLE NUMBER(S) |
|-------------------|
| 045-9091010       |



Optical accessories

CONTINUOUS LINEAR COVER

| TYPE     | ARTICLE NUMBER(S) |
|----------|-------------------|
| 6000 mm  | 006-2206010H      |
| 6000 mm  | 006-2206010Z      |
| 25000 mm | 006-2225010H      |
| 25000 mm | 006-2225010Z      |

