

048-33109379S



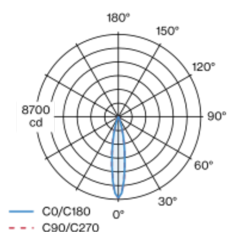
Project / Type

Notes

Count / Date



Light distribution



General

Ceiling | Surface

tilt max 20°

traffic white | RAL 9016 ¹

Inner colour gold

IP20

1380 lm

LED

2700 K

$CRI \geq 90$

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_q: 97 | R_f: 91 | R_{1-15}: 87

MR 0.52 | MDER 0.47

Optical

spot | beam angle 18°

 $UGR \leq 13 \mid \geq 65^\circ < 3000 \text{ cd/m}^2$

Electrical

DALI-2 | 1 DALI Addr.

PC1 | 220-240 V

system 17.9 W

system 77 lm/W²

Physical

length 100 mm | width 100 mm | height 162 mm

1.1 kg

¹ RAI code² incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions



Lighting calculator



[On:44-33109379S] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.

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SASSO 100 square adjustable

ceiling

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Maintenance Factors

| Operating Time [h] | 10 000 | 20 000 | 30 000 | 40 000 | 50 000 |
|--------------------|------------------------------|--------|-------------------|---------------------------------|--------|
| LLMF | 0.964 | 0.923 | 0.884 | 0.847 | 0.811 |
| 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 Factor | |

^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 |
|--------------------------------|--------------------|
| B13 | 40 |
| B16 | 50 |
| B20 | 62 |
| C13 | 67 |
| C16 | 85 |
| C20 | 104 |

