

SASSO 100 round wallwasher/floor

trim

048-2740614W 048-2796318 002-90774



| | |
|----------------|--|
| Project / Type | |
| Notes | |
| Count / Date | |



| | | | | |
|----------|--|--|--|--|
| 220-240V | | | | |
|----------|--|--|--|--|

General

| |
|------------------------|
| Ceiling , Recessed |
| rotation 360° |
| matt silver |
| Mounting set jet black |
| IP20 |
| 2770 lm |

LED

| |
|--|
| 4000 K |
| CRI ≥ 90 |
| L80 / 50000 h |
| initial MacAdam ≤ 2 SDCM |
| R _g : 97 , R _f : 90 , R ₍₁₋₁₅₎ : 89 |
| MR 0.81 |
| MDER 0.74 |

Optical

| |
|--------------------------|
| wallwasher floor |
| PstLM ≤ 1.0 ¹ |
| SVM ≤ 0.4 ¹ |

Electrical

| |
|----------------|
| non DIM |
| 27.5 W |
| inset 23.4 W |
| 36 Vf |
| 700 mA |
| PC2 220-240V |
| 101 lm/W |
| inset 118 lm/W |

Physical

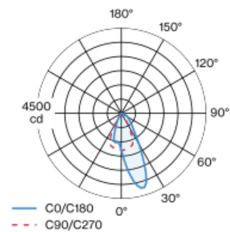
| |
|-----------------|
| trim |
| diameter 118 mm |
| height 96 mm |
| 0.65 kg |

Cutout

| |
|------------------------------|
| diameter 108 mm |
| min. ceiling thickness 2 mm |
| max. ceiling thickness 25 mm |
| recessed depth 100 mm |

¹ Value of containing product at full load (undimmed)

Light distribution



Product drawing



Installation instructions



Lighting calculator



SASSO 100 round wallwasher/floor

trim

048-2740614W 048-2796318 002-90774



Project / Type

Notes

Count / Date

Maintenance Factors

| Operating Time [h] | 10 000 | 20 000 | 30 000 | 40 000 | 50 000 |
|--------------------|------------------------------|--------|-------------------|---------------------------------|--------|
| LLMF | 0.96 | 0.92 | 0.88 | 0.85 | 0.81 |
| 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 | 20 |
| B16 | 32 |
| C10 | 33 |
| C16 | 53 |

Components

MOUNTING SET with trim 1 lamp

| TYPE | COLOUR | Ø (MM) | ARTICLE NUMBER(S) |
|---------------------------|-----------|--------|-------------------|
| for intermediate ceilings | jet black | 118 | 048-2796318 |



CONVERTER

| TYPE | L-W-H (MM) | ARTICLE NUMBER(S) |
|------|------------|-------------------|
| 30 W | 143-43-30 | 002-90774 |



Mounting accessories

THROUGH WIRING CONNECTION BOX

| TYPE | L-W-H (MM) | ARTICLE NUMBER(S) |
|---------------------------|------------|-------------------|
| non DIM cable ø 4 – 12 mm | 105-58-30 | 005-253110 |
| DALI cable ø 4 – 12 mm | 105-58-30 | 005-255110 |



Mounting accessories

PRIMED CONCRETE MOUNTING HOUSING

| COLOUR | L-W-H (MM) | ARTICLE NUMBER(S) |
|-----------------|-------------|-------------------|
| white aluminium | 614-307-120 | 048-2695110 |



Optional electrical accessories

DIN RAIL POWER SUPPLY

| TYPE | L-W-H (MM) | ARTICLE NUMBER(S) |
|-------|------------|-------------------|
| 160 W | 72-90-63 | 005-6520210 |



DIN RAIL LED DRIVER

| TYPE | L-W-H (MM) | ARTICLE NUMBER(S) |
|--------------------------------|------------|-------------------|
| DALI-2 200-1050 mA 2 x 42W | 36-88-59 | 005-6121030 |



[‘048-2740614W 048-2796318 002-90774’] 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.
© XAL GmbH · Auer-Welsbach-Gasse 36 · 8055 Graz · Austria · www.xal.com

06.10.2024