

SASSO 100 square downlight

trim 2 lamps

048-2710512M 048-279931G 002-90774



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



General

| | |
|--------------------------|--|
| Ceiling , Recessed | |
| chrome | |
| Mounting set silver-grey | |
| front IP44 , back IP20 | |
| 4100 lm | |

LED

| | |
|--|--|
| 3000 K | |
| CRI ≥ 90 | |
| L80 / 50000 h | |
| initial MacAdam ≤ 2 SDCM | |
| R _g : 100 , R _f : 91 , R _{f(1-15)} : 88 | |
| MR 0.59 | |
| MDER 0.53 | |

Optical

| | |
|-------------------------------|--|
| medium | |
| beam angle 34° | |
| UGR < 16 , ≥ 65° < 3000 cd/m² | |
| PstLM ≤ 1.0 ¹ | |
| SVM ≤ 0.4 ¹ | |

Electrical

| | |
|-------------------|--|
| non DIM | |
| 58 W | |
| total insets 50 W | |
| PC2 220-240V | |
| 71 lm/W | |

Physical

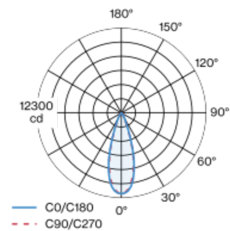
| | |
|---------------|--|
| trim | |
| length 218 mm | |
| width 118 mm | |
| height 75 mm | |
| 0.56 kg | |

Cutout

| | |
|------------------------------|--|
| length 210 mm | |
| width 112 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



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Maintenance Factors

| Operating Time [h] | 10 000 | 20 000 | 30 000 | 40 000 | 50 000 |
|--------------------|------------------------------|--------|---|--------|--------|
| LLMF | 0.96 | 0.92 | 0.89 | 0.85 | 0.82 |
| 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 2 lamps

| TYPE | COLOUR | L-W-H (MM) | ARTICLE NUMBER(S) |
|---------------------------|-----------------|------------|-------------------|
| for intermediate ceilings | white aluminium | 218-118-35 | 048-279931G |



CONVERTER

| L-W-H (MM) | ARTICLE NUMBER(S) |
|------------|-------------------|
| 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 | 005-2531110 |
| DALI cable ø 4 – 12 mm | 105-58-30 | 005-2551110 |



Optional electrical accessories

DIN RAIL POWER SUPPLY

| L-W-H (MM) | ARTICLE NUMBER(S) |
|------------|-------------------|
| 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 |

