

SASSO 100 round wallwasher trim soft acoustic ceiling

048-2740919A 048-2796397 002-90780



Project / Type _____
 Notes _____
 Count / Date _____



General

Ceiling , Recessed _____
 rotation 360° _____
 gold , RAL 260-M ¹ _____
 Mounting set signal white for acoustic ceilings _____
 IP20 _____
 2140 lm _____
 fixture 91 lm/W² _____

LED

2700 K _____
 CRI ≥ 90 _____
 L85 / 50000 h _____
 initial MacAdam ≤ 3 SDCM _____
 R_g: 101 , R_r: 90 , R_(f-15): 88 _____
 MR 0.51 _____
 MDER 0.46 _____

Optical

wallwasher _____

Electrical

non DIM _____
 220-240 V _____
 system 27.8 W _____
 fixture 23.7 W _____
 36 Vf _____
 650 mA _____
 PC2 _____

Physical

with trim for acoustic ceiling _____
 diameter 114 mm _____
 height 96 mm _____
 0.65 kg _____

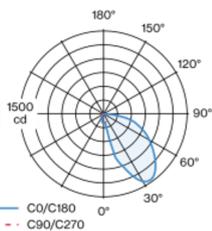
Cutout

diameter 100 mm _____
 min. ceiling thickness 25 mm _____
 max. ceiling thickness 40 mm _____
 recessed depth 120 mm _____

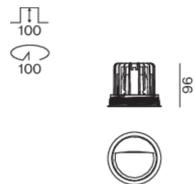
¹ RAL code
² incl. consideration of optical losses & internal control unit losses

Round recessed spotlight in die-cast aluminium; 1 lamp; surface gold; 360° rotatable; installation without tools in mounting set due to patented ball catch system; round installation housing; with trim signal white for acoustic ceilings; for installation in soft acoustic ceilings; suitable for ceiling thickness of 25-40 mm; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 2700 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; with specially computed, asymmetrical reflector for homogeneous lighting intensity; high quality reflector with micro-faceted, aluminum-vaporised surface; PC2; 220-240 V; incl. converter, non dimmable; through wiring connection box, 3-pole or 5-pole, available as an accessory; 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 | 0.981 | 0.959 | 0.937 | 0.916 | 0.895 |
| 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 | 33 |
| B16 | 53 |
| B20 | 67 |
| B25 | 83 |
| C10 | 40 |
| C16 | 64 |
| C20 | 80 |
| C25 | 100 |

Components

MOUNTING SET trim for soft acoustic ceilings

| | | |
|------------------------------------|---------------|--------------------------|
| COLOUR | Ø (MM) | ARTICLE NUMBER(S) |
| signal white for acoustic ceilings | 114 | 048-2796397 |



CONVERTER

| | | |
|-------------|-------------------|--------------------------|
| TYPE | L-W-H (MM) | ARTICLE NUMBER(S) |
| 31 W | 143-43-30 | 002-90780 |

