

SASSO 60 round adjustable
ceiling
048-31104314M



Project / Type _____

Notes _____

Count / Date _____



| |
|--|
| General |
| Ceiling , Surface |
| tilt max 30° |
| rotation 360° |
| black , RAL9005/matt silver ¹ |
| Inner colour matt silver |
| IP20 |
| 799 lm |

| |
|---|
| LED |
| 2700 K |
| CRI ≥ 90 |
| L80 / 50000 h |
| initial MacAdam ≤ 2 SDCM |
| R _g : 99 , R _r : 91 , R _{t(1-15)} : 89 |
| MR 0.53 |
| MDER 0.48 |

| |
|-----------------------------|
| Optical |
| medium |
| beam angle 21° |
| UGR < 16 , ≥65° <3000 cd/m² |

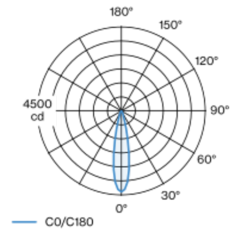
Cylindrical surface mounted spotlight in die-cast aluminium; suitable for ceiling mounting; surface black (housing/light inset); 360° rotatable and 30° tiltable; luminaire housing can be attached to mounting plate without tools by interlock; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 2700 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 90; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 21° beam; UGR ≤ 16; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 3000 cd/m²; degree of protection IP20; PC1 220-240V; incl. DALI-2 converter; flicker-free visual comfort through analogue current control (minimum value 1%); converter integrated into spotlight head; luminaire for through wiring; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

| |
|--------------|
| Electrical |
| DALI-2 |
| 10.4 W |
| PC1 220-240V |
| 77 lm/W |
| 1 DALI Addr. |

| |
|----------------|
| Physical |
| diameter 72 mm |
| height 108 mm |
| 0.5 kg |

¹ RAL code

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 | 0.88 | 0.85 | 0.81 |
| LSF | 1 | 1 | 1 | 1 | 1 |

MF

LMF × RSMF × LLMF × LSF

MF

Maintenance Factor

LMF^a

Luminaire Maintenance Factor

RSMF^a

Room Surface Maintenance Factor

LLMF

Lamp Lumens 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 | 40 |
| B13 | 50 |
| B16 | 65 |
| B20 | 85 |
| C10 | 70 |
| C13 | 80 |
| C16 | 104 |
| C20 | 130 |

