

SASSO 60 square downlight

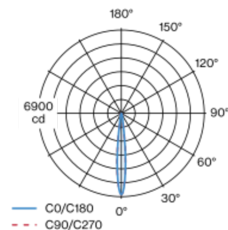
semi-recessed

048-30012119S 002-90742

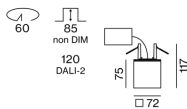


Square semi-recessed spotlight made of aluminium; surface black (housing/light inset); luminaire housing can be attached to mounting plate without tools by interlock; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 3500 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 90 ; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 12° beam; UGR ≤ 16 ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above $65^\circ \leq 3000$ cd/m²; degree of protection IP40; PC2 220-240V; incl. converter, non dimmable; external converter for ceiling insertion, through-wiring suitable; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



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



General

| |
|-----------------------------------|
| Ceiling , Semi-Recessed |
| black , RAL9005/gold ¹ |
| Inner colour gold |
| front IP40 , back IP20 |
| 541 lm |

LED

| |
|--|
| 3500 K |
| CRI ≥ 90 |
| initial MacAdam ≤ 2 SDCM |
| R _g : 99 , R _f : 90 , R ₍₁₋₁₅₎ : 87 |
| MR 0.6 |
| MDER 0.54 |

Optical

| |
|---|
| spot |
| beam angle 12° |
| UGR < 16 , $\geq 65^\circ < 3000$ cd/m ² |
| PstLM ≤ 1.0 ² |
| SVM ≤ 0.4 ² |

Electrical

| |
|-----------------------------|
| non DIM |
| system 10.8 W |
| inset 8.8 W |
| 36 Vf |
| 250 mA |
| PC2 220-240V |
| system 50 lm/W ³ |
| inset 61 lm/W ⁴ |

Physical

| |
|--------------|
| length 72 mm |
| width 72 mm |
| height 75 mm |
| 0.46 kg |

Cutout

| |
|----------------------|
| diameter 60 mm |
| recessed depth 85 mm |

¹ RAL code ² Value of containing product at full load (undimmed)
³ incl. optical losses and the efficiency of the operating device (converter)
⁴ incl. optical losses

Installation instructions



Lighting calculator



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Circuit Breaker Types

| Automatic Circuit Breaker Type | Number of Fixtures |
|--------------------------------|--------------------|
| B10 | 57 |
| B13 | 75 |
| B16 | 92 |
| B20 | 115 |
| C10 | 57 |
| C13 | 75 |
| C16 | 92 |
| C20 | 115 |

Components

POWER SUPPLY

| | | |
|------|------------|-------------------|
| TYPE | L·W·H (MM) | ARTICLE NUMBER(S) |
| 10 W | 65-39-20 | 002-90742 |



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 |

