

**SASSO 60** round  
adjustable  
ceiling  
048-31109377M



Project / Type \_\_\_\_\_

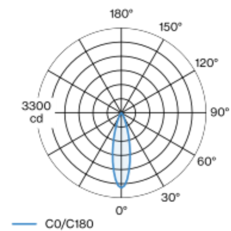
Notes \_\_\_\_\_

Count / Date \_\_\_\_\_

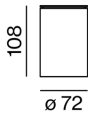


Cylindrical surface mounted spotlight in die-cast aluminium; suitable for ceiling mounting; surface white powder coated; Inner colour lacquered in white; 360° rotatable and 30° tiltable; luminaire housing can be attached to mounting plate without tools by interlock; passive cooling of the LEDs through 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  $\leq 2$  SDCM; CRI  $\geq 90$ ; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 27° beam; UGR  $\leq 19$ ; degree of protection IP20; PC1; 220-240 V; 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;

**Light distribution**



**Product drawing**



**General**

Ceiling , Surface \_\_\_\_\_

tilt max 30° \_\_\_\_\_

rotation 360° \_\_\_\_\_

white , RAL 9016 <sup>1</sup> \_\_\_\_\_

Inner colour white \_\_\_\_\_

IP20 \_\_\_\_\_

874 lm \_\_\_\_\_

**LED**

2700 K \_\_\_\_\_

CRI  $\geq 90$  \_\_\_\_\_

L80 / 50000 h \_\_\_\_\_

initial MacAdam  $\leq 2$  SDCM \_\_\_\_\_

R<sub>g</sub>: 97 , R<sub>r</sub>: 91 , R<sub>(1-15)</sub>: 87 \_\_\_\_\_

MR 0.52 \_\_\_\_\_

MDER 0.47 \_\_\_\_\_

**Optical**

medium \_\_\_\_\_

beam angle 27° \_\_\_\_\_

UGR  $\leq 19$  \_\_\_\_\_

PstLM  $\leq 1.0$  <sup>2</sup> \_\_\_\_\_

SVM  $\leq 0.4$  <sup>2</sup> \_\_\_\_\_

**Electrical**

DALI-2 \_\_\_\_\_

220-240 V \_\_\_\_\_

system 10.2 W \_\_\_\_\_

system 86 lm/W<sup>3</sup> \_\_\_\_\_

PC1 \_\_\_\_\_

1 DALI Addr. \_\_\_\_\_

**Physical**

diameter 72 mm \_\_\_\_\_

height 108 mm \_\_\_\_\_

0.5 kg \_\_\_\_\_

<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)  
<sup>3</sup> incl. consideration of optical losses, internal control unit losses  
& operating device efficiency

**Installation  
instructions**



**Lighting  
calculator**



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.964	0.923	0.884	0.847	0.811
LSF	1	1	1	1	1
MF	LMF × RSMF × LLMF × LSF		RSMF <sup>a</sup>	Room Surface Maintenance Factor	
MF	Maintenance Factor		LLMF	Lamp Lumens Maintenance Factor	
LMF <sup>a</sup>	Luminaire Maintenance Factor		LSF	Lamp Survival Factor	

<sup>a</sup> 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	39
B16	63
B20	78
C10	63
C16	100
C20	125

