

# SASSO 100 round adjustable

trim 2 lamps

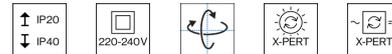
048-2720E11M 048-2798318 002-90776



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

Notes \_\_\_\_\_

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



## General

Ceiling , Recessed  
 tilt max 30°  
 rotation 360°  
 black , RAL9005 <sup>1</sup>  
 Mounting set jet black  
 front IP40 , back IP20  
 3840 lm

## LED

colour warm dimming  
 1800 K - 3000 K  
 CRI ≥ 90  
 L90 / 50000 h  
 initial MacAdam ≤ 3 SDCM  
 R<sub>g</sub>: 100 , R<sub>f</sub>: 89 , R<sub>{1-15}</sub>: 89  
 MR 0.56  
 MDER 0.51

## Optical

medium  
 beam angle 34°  
 P<sub>stLM</sub> ≤ 1.0 <sup>2</sup>  
 SVM ≤ 0.4 <sup>2</sup>

## Electrical

DALI-2  
 56 W  
 total insets 48 W  
 PC2 220-240V  
 69 lm/W  
 1 DALI Addr.

## Physical

trim  
 length 218 mm  
 width 118 mm  
 height 95 mm

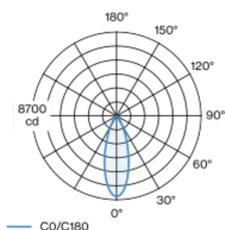
## Cutout

diameter 105 mm  
 length 205 mm  
 min. ceiling thickness 2 mm  
 max. ceiling thickness 25 mm  
 recessed depth 100 mm

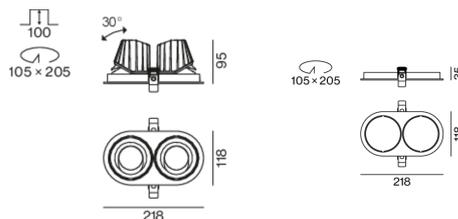
<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)

Round recessed spotlight in die-cast aluminium; 2 lamps; surface black; 360° rotatable and 30° tiltable; installation without tools in mounting set due to patented ball catch system; oval installation housing; with trim jet black; suitable for ceiling thickness of 2-25 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; CWD (Colour Warm Dimming) of 1800K - 3000K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 34° beam; degree of protection from below IP40 (from above IP20); PC2 220-240V; incl. DALI-2 converter; 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	0.97	0.95	0.93	0.91	0.89
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 Faktor

<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	18
B16	30
C10	23
C16	36

## Components

### MOUNTING SET with trim 2 lamps

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
for intermediate ceilings	jet black	218-118-35	048-2798318



### CONVERTER

L-W-H (MM)	ARTICLE NUMBER(S)
147-44-30	002-90776



## 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

