

# SASSO 60 round downlight trim soft acoustic ceiling

048-2602217F 048-2696398 002-90742



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

Notes \_\_\_\_\_

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



## General

Ceiling , Recessed  
 rotation 360°  
 white , RAL9016 <sup>1</sup>  
 Traffic black  
 front IP44 , back IP20  
 920 lm

## LED

3500 K  
 CRI ≥ 90  
 L80 / 50000 h  
 initial MacAdam ≤ 2 SDCM  
 R<sub>g</sub>: 99 , R<sub>f</sub>: 90 , R<sub>(1-15)</sub>: 89  
 MR 0.7  
 MDER 0.64

## Optical

flood  
 beam angle 46°  
 UGR < 19 , ≥65° <1500 cd/m<sup>2</sup>  
 P<sub>stLM</sub> ≤ 1.0 <sup>2</sup>  
 SVM ≤ 0.4 <sup>2</sup>

## Electrical

non DIM  
 system 10.2 W  
 inset 8.7 W  
 36 Vf  
 250 mA  
 PC2 220-240V  
 system 90 lm/W<sup>3</sup>  
 inset 106 lm/W<sup>4</sup>

## Physical

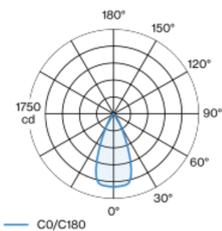
with trim for acoustic ceiling  
 diameter 80 mm  
 height 48 mm  
 0.2 kg

## Cutout

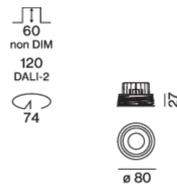
diameter 74 mm  
 min. ceiling thickness 25 mm  
 max. ceiling thickness 40 mm  
 recessed depth 60 mm

Round recessed spotlight in die-cast aluminium; 1 lamp; surface white; installation without tools in mounting set due to patented ball catch system; round installation housing; with trim Traffic black; 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 3500 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 46° beam; UGR ≤ 19; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 1500 cd/m<sup>2</sup>; degree of protection from below IP44 (from above IP20); PC2 220-240V; incl. converter, non dimmable; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

## Light distribution



## Product drawing



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

## 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 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	57
B13	75
B16	92
B20	115
C10	57
C13	75
C16	92
C20	115

## Components

### MOUNTING SET trim for soft acoustic ceilings

<b>COLOUR</b>	<b>Ø (MM)</b>	<b>ARTICLE NUMBER(S)</b>
traffic black for acoustic ceilings	80	048-2696398



### POWER SUPPLY

<b>TYPE</b>	<b>L-W-H (MM)</b>	<b>ARTICLE NUMBER(S)</b>
10 W	65-39-20	002-90742



## Optional electrical accessories

### DIN RAIL POWER SUPPLY

<b>TYPE</b>	<b>L-W-H (MM)</b>	<b>ARTICLE NUMBER(S)</b>
160 W	72-90-63	005-6520210



### DIN RAIL LED DRIVER

<b>TYPE</b>	<b>L-W-H (MM)</b>	<b>ARTICLE NUMBER(S)</b>
DALI-2   200-1050 mA   2 x 42W	36-88-59	005-6121030

