

# SASSO 60 round downlight trim soft acoustic ceiling

048-2602E11M 048-2696397 002-90762



Project / Type

Notes

Count / Date



## General

Ceiling , Recessed

rotation 360°

black , RAL9005 <sup>1</sup>

Signal white

front IP40 , back IP20

706 lm

## LED

colour warm dimming

1800 K - 3000 K

CRI ≥ 90

L85 / 50000 h

initial MacAdam ≤ 3 SDCM

R<sub>g</sub>: 101, R<sub>r</sub>: 94, R<sub>{1-15}</sub>: 96

MR 0.64

MDER 0.58

## Optical

medium

beam angle 26°

UGR < 19

PstLM ≤ 1.0 <sup>2</sup>

SVM ≤ 0.4 <sup>2</sup>

## Electrical

DALI-2

system 12.0 W

inset 10.2 W

300 mA

PC2 220-240V

system 59 lm/W<sup>3</sup>

inset 69 lm/W<sup>4</sup>

1 DALI Addr.

## Physical

with trim for acoustic ceiling

diameter 80 mm

height 48 mm

0.27 kg

## Cutout

diameter 74 mm

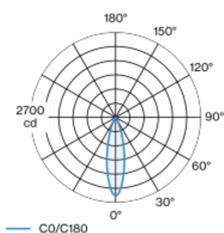
min. ceiling thickness 25 mm

max. ceiling thickness 40 mm

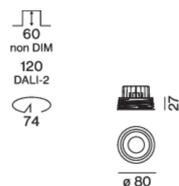
recessed depth 110 mm

Round recessed spotlight in die-cast aluminium; 1 lamp; surface black; installation without tools in mounting set due to patented ball catch system; round installation housing; with trim Signal white; 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; CWD (Colour Warm Dimming) of 1800K - 3000K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 26° beam; UGR ≤ 19; degree of protection from below IP40 (from above IP20); PC2 220-240V; incl. DALI-2 converter; 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

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**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	0.94	0.91	0.89	0.86
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 trim for soft acoustic ceilings

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
signal white for acoustic ceilings	80	048-2696397



### CONVERTER

TYPE	L·W·H (MM)	ARTICLE NUMBER(S)
28 W	143·43·30	002-90762

