

# SASSO 60 round downlight trimless soft acoustic ceiling

048-2602217W 048-2696197 002-90742



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

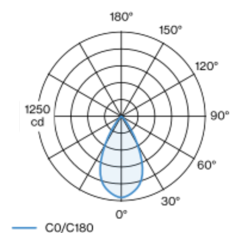
Notes \_\_\_\_\_

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



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; Signal white; for trimless 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  $\leq 2$  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 55° beam; 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



## General

Ceiling , Recessed \_\_\_\_\_  
rotation 360° \_\_\_\_\_  
white , RAL9016 <sup>1</sup> \_\_\_\_\_  
Signal white \_\_\_\_\_  
front IP44 , back IP20 \_\_\_\_\_  
949 lm \_\_\_\_\_

## LED

3500 K \_\_\_\_\_  
CRI  $\geq 90$  \_\_\_\_\_  
L80 / 50000 h \_\_\_\_\_  
initial MacAdam  $\leq 2$  SDCM \_\_\_\_\_  
R<sub>g</sub>: 99 , R<sub>f</sub>: 90 , R<sub>t(1-15)</sub>: 89 \_\_\_\_\_  
MR 0.7 \_\_\_\_\_  
MDER 0.64 \_\_\_\_\_

## Optical

wide flood \_\_\_\_\_  
beam angle 55° \_\_\_\_\_  
 $\geq 65^\circ$   $< 1500$  cd/m<sup>2</sup> \_\_\_\_\_  
PstLM  $\leq 1.0$  <sup>2</sup> \_\_\_\_\_  
SVM  $\leq 0.4$  <sup>2</sup> \_\_\_\_\_

## Electrical

non DIM \_\_\_\_\_  
system 10.2 W \_\_\_\_\_  
inset 8.7 W \_\_\_\_\_  
36 Vf \_\_\_\_\_  
250 mA \_\_\_\_\_  
PC2 220-240V \_\_\_\_\_  
system 93 lm/W<sup>3</sup> \_\_\_\_\_  
inset 109 lm/W<sup>4</sup> \_\_\_\_\_

## Physical

trimless for acoustic ceiling \_\_\_\_\_  
diameter 80 mm \_\_\_\_\_  
height 48 mm \_\_\_\_\_  
0.22 kg \_\_\_\_\_

## Cutout

diameter 74 mm \_\_\_\_\_  
min. ceiling thickness 25 mm \_\_\_\_\_  
max. ceiling thickness 40 mm \_\_\_\_\_  
recessed depth 90 mm \_\_\_\_\_

<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 trimless for soft acoustic ceilings

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
signal white for acoustic ceilings	80	048-2696197



### 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

