

# SASSO 60 round downlight

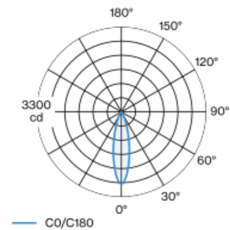
trimless exposed concrete

048-2602E14M 048-2695210 002-90762

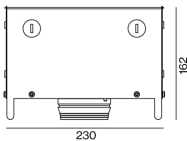
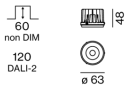


Round recessed spotlight in die-cast aluminium; 1 lamp; surface matt silver; installation without tools in mounting set due to patented ball catch system; concrete housings for exposed concrete ceilings; for trimless installation; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; CWD (Colour Warm Dimming) of 1800K - 3000K; binning initial MacAdam  $\leq 3$  SDCM; CRI  $\geq 90$ ; 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  $\leq 19$ ; 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



Project / Type

Notes

Count / Date



### General

Ceiling , Recessed  
rotation 360°  
matt silver  
Mounting set white aluminium  
front IP40 , back IP20  
793 lm

### LED

colour warm dimming  
1800 K - 3000 K  
CRI  $\geq 90$   
L85 / 50000 h  
initial MacAdam  $\leq 3$  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  $\leq 1.0$ <sup>1</sup>  
SVM  $\leq 0.4$ <sup>1</sup>

### Electrical

DALI-2  
system 12.0 W  
inset 10.2 W  
300 mA  
PC2 220-240V  
system 66 lm/W<sup>2</sup>  
inset 78 lm/W<sup>3</sup>  
1 DALI Addr.

### Physical

trimless for exposed concrete ceiling  
length 230 mm  
width 230 mm  
height 162 mm  
2.41 kg

### Cutout

recessed depth 120 mm

<sup>1</sup> Value of containing product at full load (undimmed)  
<sup>2</sup> incl. optical losses and the efficiency of the operating device (converter)  
<sup>3</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	0.96	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

### EXPOSED CONCRETE MOUNTING HOUSING

COLOUR	L·W·H (MM)	ARTICLE NUMBER(S)
white aluminium	230-230-162	048-2695210



### CONVERTER

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

