

# SASSO 60 round downlight

trim

048-2602017W 048-269631G 002-90746



Project / Type

Notes

Count / Date



## General

Ceiling , Recessed

rotation 360°

white , RAL90016 <sup>1</sup>

Mounting set white aluminium

front IP44 , back IP20

929 lm

## LED

3000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R<sub>g</sub>: 99 , R<sub>f</sub>: 90 , R<sub>f(1-15)</sub>: 87

MR 0.6

MDER 0.54

## Optical

wide flood

beam angle 55°

≥65° <1500 cd/m<sup>2</sup>

P<sub>stLM</sub> ≤ 1.0 <sup>2</sup>

SVM ≤ 0.4 <sup>2</sup>

## Electrical

DALI-2

system 10.2 W

inset 8.7 W

36 Vf

250 mA

PC2 220-240V

system 91 lm/W<sup>3</sup>

inset 107 lm/W<sup>4</sup>

1 DALI Addr.

## Physical

trim

diameter 80 mm

height 48 mm

0.27 kg

## Cutout

diameter 73 mm

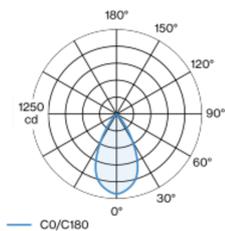
min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

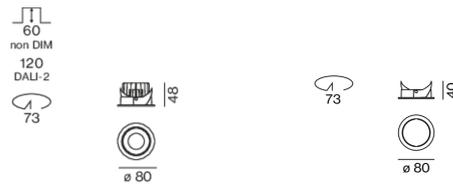
recessed depth 110 mm

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 white aluminium; 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; light colour 3000 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 55° beam; degree of protection from below IP44 (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	0.964	0.923	0.884	0.847	0.811
LSF	1	1	1	1	1

MF LMF × RSMF × LLMF × LSF  
MF Maintenance Factor  
LMF<sup>a</sup> Luminaire Maintenance Factor

RSMF<sup>a</sup> Room Surface Maintenance Factor  
LLMF Lamp Lumens 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 1 lamp

TYPE	COLOUR	Ø (MM)	ARTICLE NUMBER(S)
for intermediate ceilings	white aluminium	80	048-269631G



### POWER SUPPLY

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
28 W	143-43-30	002-90746

## Mounting accessories

### PRIMED CONCRETE MOUNTING HOUSING

COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
white aluminium	614-307-120	048-2695110



## 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

