

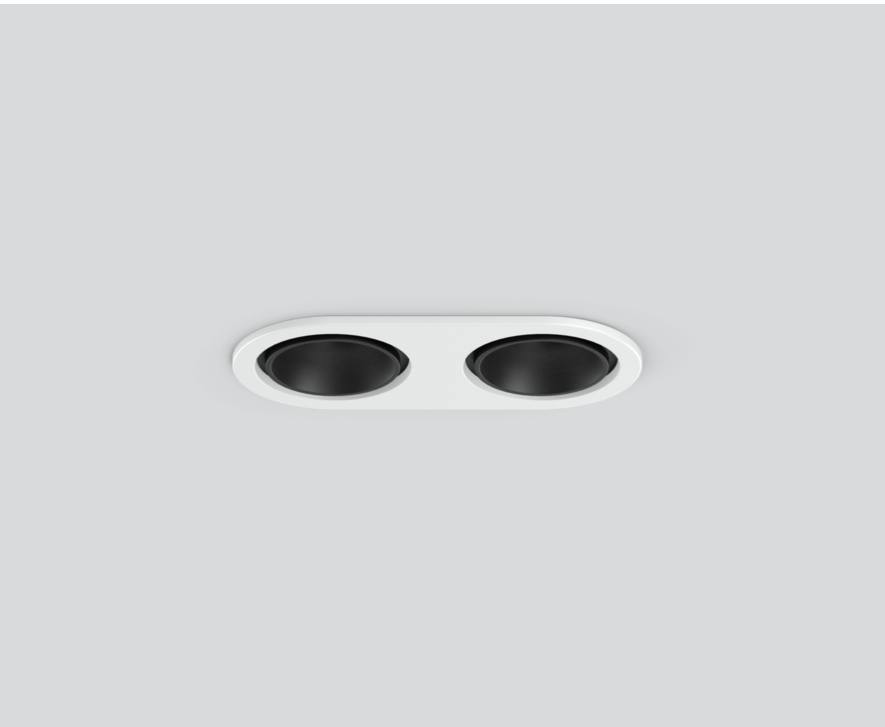
# SASSO 40 round adjustable

trim 2 lamps

048-2820411M 048-2898317 002-90753

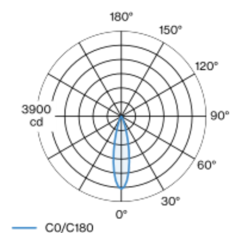


Project / Type
Notes
Count / Date



Round recessed spotlight in die-cast aluminium; 2 lamps; surface black; 360° rotatable and 30° tiltable; , installation without tools in mounting set due to patented ball catch system; oval installation housing; with trim traffic white; 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 2700 K; 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 25° beam; UGR  $\leq 10$ ; degree of protection from below IP40 (from above IP20); PC2; 220-240 V; incl. DALI-2 converter; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

## Light distribution



## Product drawing



## General

Ceiling   Recessed
tilt max 30°
rotation 360°
black   RAL 9005 <sup>1</sup>
traffic white
front IP40   back IP20
740 lm
fixture 73 lm/W <sup>2</sup>

## LED

2700 K
CRI $\geq 90$
L85 / 50000 h
initial MacAdam $\leq 3$ SDCM
R <sub>g</sub> : 99   R <sub>f</sub> : 91   R <sub>(f-15)</sub> : 89
MR 0.54   MDER 0.49

## Optical

medium   beam angle 25°
UGR $\leq 10$
PstLM $\leq 1.0$ <sup>3</sup>   SVM $\leq 0.4$ <sup>3</sup>

## Electrical

DALI-2
PC2   220-240 V
system 12.0 W   fixture 5.1 W
total fixtures 10.2 W
12 Vf   450 mA

## Physical

trim
length 122 mm   width 60 mm   height 50 mm
0.61 kg

## Cutout

diameter 56 mm   length 114 mm   width 114 mm
min. ceiling thickness 2 mm   max. ceiling thickness 25 mm
recessed depth 120 mm

<sup>1</sup> RAL code  
<sup>2</sup> incl. consideration of optical losses & internal control unit losses  
<sup>3</sup> Value of containing product at full load (undimmed)

## Installation instructions



## Lighting calculator



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## Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.97	0.94	0.91	0.88	0.85
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 Factor	

<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	72
B16	115
C10	106
C16	170

## Components

### MOUNTING SET with trim 2 lamps

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
for intermediate ceilings	traffic white	122-60-13	048-2898317



### POWER SUPPLY

L-W-H (MM)	ARTICLE NUMBER(S)
147-33-23	002-90753

## Optional electrical accessories

### DIN RAIL POWER SUPPLY

L-W-H (MM)	ARTICLE NUMBER(S)
72-90-63	005-6520210



### DIN RAIL LED DRIVER

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



## Optional electrical accessories

### POWER SUPPLY PREWIRED

TYPE	ARTICLE NUMBER(S)
with junktion box	002-90750A
with junktion box	002-90749A

## Optional electrical accessories

### POWER SUPPLY

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
with loop through function	185-30-21	002-90750
with loop through function		002-90749



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## Mounting accessories

### MOUNTING TOOL

COLOUR  
traffic black

ARTICLE NUMBER(S)  
048-2895918

