

# SASSO 40 round wallwasher

trim

048-2840017A 048-2896318 002-90744



Project / Type

Notes

Count / Date



Round recessed spotlight in die-cast aluminium; surface white; 360° rotatable; installation without tools in mounting set due to patented ball catch system; round installation housing; with trim jet black; suitable for ceiling thickness of 2-25 mm; passive cooling of the LEDs through improved heat sink geometry; no multiple shadows; light colour 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; with specially computed, asymmetrical reflector for homogeneous lighting intensity; high quality reflector with micro-faceted, aluminum-vaporised surface; PC2; 220-240 V; 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 , RAL 9016 <sup>1</sup>

Mounting set jet black

IP20

484 lm

fixture 77 lm/W<sup>2</sup>

## LED

3000 K

CRI ≥ 90

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

R<sub>g</sub>: 100 , R<sub>f</sub>: 92 , R<sub>(1-15)</sub>: 91

MR 0.64

MDER 0.58

## Optical

wallwasher

beam angle 118°

PstLM ≤ 1.0 <sup>3</sup>

SVM ≤ 0.4 <sup>3</sup>

## Electrical

non DIM

220-240 V

system 7.6 W

fixture 6.3 W

36 Vf

200 mA

PC2

## Physical

trim

diameter 60 mm

height 55 mm

0.18 kg

## Cutout

diameter 56 mm

min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

recessed depth 60 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	0.96	0.95	0.95	0.94	0.93
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 with trim 1 lamp

TYPE for intermediate ceilings	COLOUR jet black	Ø (MM) 60	ARTICLE NUMBER(S) 048-2896318
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### POWER SUPPLY

TYPE 10 W	L·W·H (MM) 65-39-20	ARTICLE NUMBER(S) 002-90744
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## Optional electrical accessories

### DIN RAIL POWER SUPPLY

TYPE 160 W	L·W·H (MM) 72-90-63	ARTICLE NUMBER(S) 005-6520210
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### DIN RAIL LED DRIVER

TYPE DALI-2   200-1050 mA   2 x 42W	L·W·H (MM) 36-88-59	ARTICLE NUMBER(S) 005-6121030
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## Optional electrical accessories

### POWER SUPPLY PREWIRED

TYPE with junktion box   DALI-2	ARTICLE NUMBER(S) 002-90750A
with junktion box   DALI-2	002-90749A

## Optional electrical accessories

### POWER SUPPLY

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

