

# SASSO 60 round adjustable trimless soft acoustic ceiling

048-2622119M 048-2696197 002-90771



Project / Type

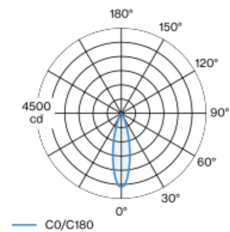
Notes

Count / Date



Round recessed spotlight in die-cast aluminium; 1 lamp; surface gold; 360° rotatable and 30° tiltable; installation without tools in mounting set due to patented ball catch system; round installation housing; signal white for acoustic ceilings; 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 4000 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 27° beam; UGR ≤ 16; degree of protection from below IP40 (from above IP20); 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

tilt max 30°

rotation 360°

gold , RAL 260-M<sup>1</sup>

Mounting set signal white for acoustic ceilings

front IP40 , back IP20

1070 lm

fixture 100 lm/W<sup>2</sup>

## LED

4000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R<sub>g</sub>: 98 , R<sub>f</sub>: 90 , R<sub>1-15</sub>: 88

MR 0.8

MDER 0.72

## Optical

medium

beam angle 27°

UGR ≤ 16

PstLM ≤ 1.0<sup>3</sup>

SVM ≤ 0.4<sup>3</sup>

## Electrical

non DIM

220-240 V

system 12.5 W

fixture 10.6 W

36 Vf

300 mA

PC2

## 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 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)



**SASSO 60** round  
adjustable trimless soft  
acoustic ceiling

048-2622119M 048-2696197 002-90771



Project / Type

Notes

Count / Date

Installation  
instructions



Lighting  
calculator



# SASSO 60 round adjustable trimless soft acoustic ceiling

048-2622119M 048-2696197 002-90771



Project / Type

Notes

Count / Date

## 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	43
B13	55
B16	68
B20	85
C10	72
C13	94
C16	116
C20	145

## 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)
13 W	85-40-22	002-90771



## Mounting accessories

### MOUNTING TOOL

COLOUR	L·W·H (MM)	ARTICLE NUMBER(S)
traffic black	77-77-35	048-2695918



## Optional electrical accessories

### 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



### DIN RAIL POWER SUPPLY

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



# SASSO 60 round adjustable trimless soft acoustic ceiling

048-2622119M 048-2696197 002-90771



Project / Type

Notes

Count / Date

## Optional electrical accessories

### POWER SUPPLY PREWIRED

TYPE	ARTICLE NUMBER(S)
with junktion box   DALI-2	002-90790A
with junktion box   DALI-2	002-90748A
with junktion box   non DIM	002-90771A
with junktion box   non DIM	002-90742A

## Optional electrical accessories

### POWER SUPPLY

TYPE	L·W·H (MM)	ARTICLE NUMBER(S)
with loop through function	185-30-21	002-90770
with loop through function	185-30-21	002-90747

