

# SASSO 60 round adjustable

trimless

048-2622017M 048-2696117 002-90790



Project / Type \_\_\_\_\_  
 Notes \_\_\_\_\_  
 Count / Date \_\_\_\_\_



## General

Ceiling | Recessed  
 tilt max 30°  
 rotation 360°  
 traffic white | RAL 9016  
 Mounting set traffic white  
 front IP40 | back IP20  
 1080 lm  
 fixture 102 lm/W <sup>1</sup>

## LED

3000 K  
 CRI ≥ 90  
 L80 / 50000 h  
 initial MacAdam ≤ 2 SDCM  
 R<sub>g</sub>: 99 | R<sub>r</sub>: 90 | R<sub>[1-15]</sub>: 87  
 MR 0.6 | MDER 0.54

## Optical

medium | beam angle 27°  
 PstLM ≤ 1.0 <sup>2</sup> | SVM ≤ 0.4 <sup>2</sup>

## Electrical

DALI-2 | 1 DALI Addr.  
 PC2 | 220-240 V  
 system 12.5 W | fixture 10.6 W  
 36 Vf | 300 mA

## Physical

trimless  
 diameter 73 mm | height 48 mm  
 4.7 kg

## Cutout

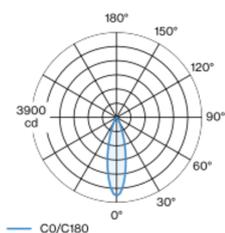
diameter 73 mm  
 recessed depth 120 mm

<sup>1</sup> incl. consideration of optical losses & internal control unit losses

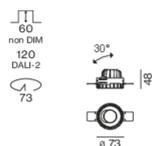
<sup>2</sup> Value of containing product at full load (undimmed)

Round recessed spotlight in die-cast aluminium; 1 lamp; surface traffic white; 360° rotatable and 30° tiltable; installation without tools in mounting set due to patented ball catch system; round installation housing; for trimless installation in plasterboard ceilings; suitable for ceiling thickness of 12.5/15/25 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 27° beam; 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



## 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	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.

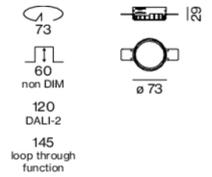
## Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	72
B16	115
C10	106
C16	170

## Components

### MOUNTING SET trimless

TYPE	COLOUR	Ø (MM)	ARTICLE NUMBER(S)
for plasterboard ceilings 12.5/15/25 mm	traffic white	73	048-2696117



### POWER SUPPLY

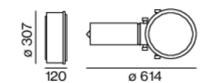
ARTICLE NUMBER(S)
002-90790



## Mounting accessories

### PRIMED CONCRETE MOUNTING HOUSING

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



[048-2622017M 048-2696117 002-90790] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.

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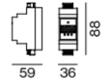
Count / Date

## Optional electrical accessories

### DIN RAIL LED DRIVER

L-W-H (MM)  
36-88-59

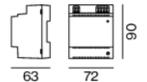
ARTICLE NUMBER(S)  
005-6121030



### DIN RAIL POWER SUPPLY

L-W-H (MM)  
72-90-63

ARTICLE NUMBER(S)  
005-6520210



## Optional electrical accessories

### POWER SUPPLY PRE-WIRED with junction box

ARTICLE NUMBER(S)  
002-90790A  
002-90748A  
002-90771A  
002-90742A



## Optional electrical accessories

### POWER SUPPLY PRE-WIRED with loop through function

L-W-H (MM)  
185-30-21  
185-30-21

ARTICLE NUMBER(S)  
002-90770  
002-90747



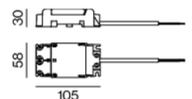
## Electrical accessories

### THROUGH WIRING CONNECTION BOX

TYPE  
non DIM cable ø 4 – 12 mm  
DALI cable ø 4 – 12 mm

L-W-H (MM)  
105-58-30  
105-58-30

ARTICLE NUMBER(S)  
005-2531110  
005-2551110



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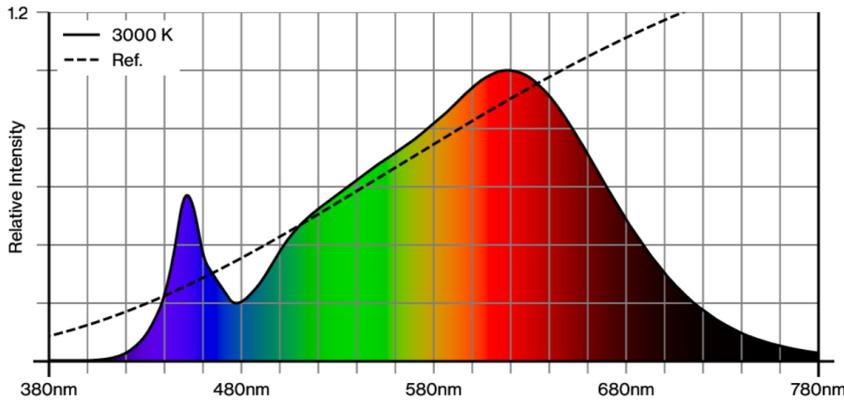


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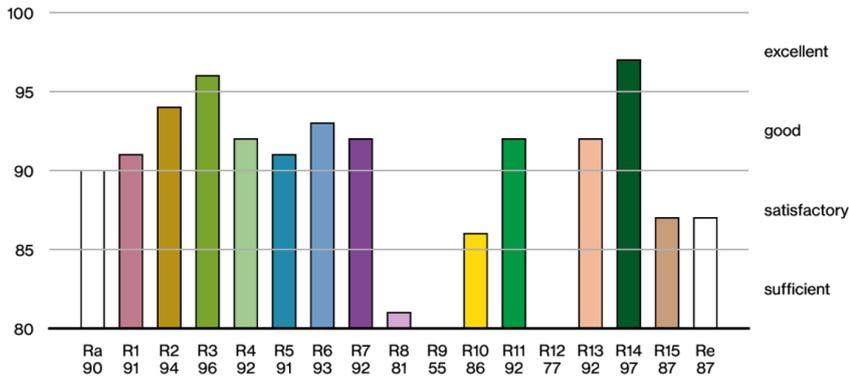
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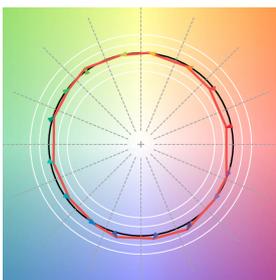
## Colour rendering



**CRI/R<sub>a</sub> ≥ 91 R<sub>e</sub> ≥ 87 (3000 K)**



## TM30 colour vector graphic



The black line represents the black body reference. The red line indicates the results of the test light source. The deviation from the test light source to the reference is shown and is marked by arrows. The shorter the arrows, the higher the color rendering.