

# SASSO 60 round wallwasher/floor

trimless exposed concrete

048-2641211W 048-2695210 002-90742



Project / Type

Notes

Count / Date



Round recessed spotlight in die-cast aluminium; 1 lamp; surface jet black; 360° rotatable; installation without tools in mounting set due to patented ball catch system; concrete housings for exposed concrete ceilings; for trimless installation; passive cooling of the LEDs through improved heat sink geometry; no multiple shadows; light colour 3500 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; min. 85% 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°

jet black | RAL 9005

Mounting set white aluminium

IP20

1020 lm

fixture 115 lm/W <sup>1</sup>

## LED

3500 K

CRI ≥ 90

L85 / 50000 h

initial MacAdam ≤ 3 SDCM

R<sub>g</sub>: 96 | R<sub>r</sub>: 90 | R<sub>t(1-5)</sub>: 91

MR 0.74 | MDER 0.67

## Optical

wallwasher floor

PstLM ≤ 1.0 <sup>2</sup> | SVM ≤ 0.4 <sup>2</sup>

## Electrical

non DIM

PC2 | 220-240 V

system 10.4 W | fixture 8.9 W

36 Vf | 250 mA

## Physical

trimless for exposed concrete ceiling

length 230 mm | width 230 mm | height 162 mm

2.33 kg

## Cutout

recessed depth 60 mm

<sup>1</sup> incl. consideration of optical losses & internal control unit losses  
<sup>2</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	0.982	0.954	0.926	0.899	0.873
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.

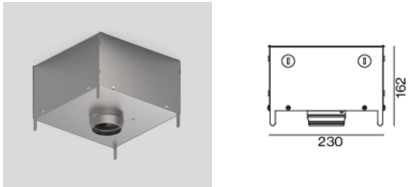
## Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	57
B13	75
B16	92
B20	115
C10	57
C13	75
C16	92
C20	115

## Components

### EXPOSED CONCRETE MOUNTING HOUSING

COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
white aluminium	230-230-162	048-2695210



### POWER SUPPLY

L-W-H (MM)	ARTICLE NUMBER(S)
65-39-20	002-90742



## Optional electrical accessories

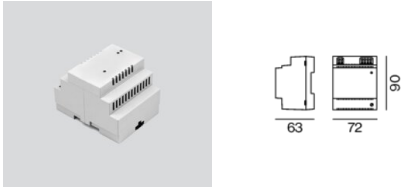
### DIN RAIL LED DRIVER

L-W-H (MM)	ARTICLE NUMBER(S)
36-88-59	005-6121030



### DIN RAIL POWER SUPPLY

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



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## 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

105-58-30

ARTICLE NUMBER(S)

005-2531110

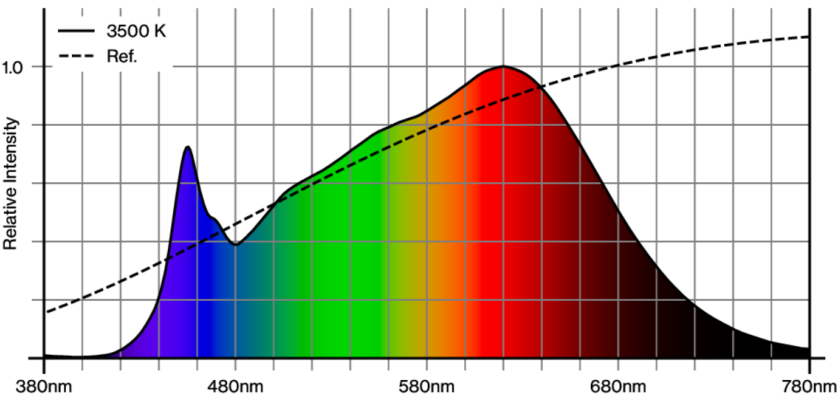
DALI cable ø 4 – 12 mm

105-58-30

005-2551110



## Colour rendering



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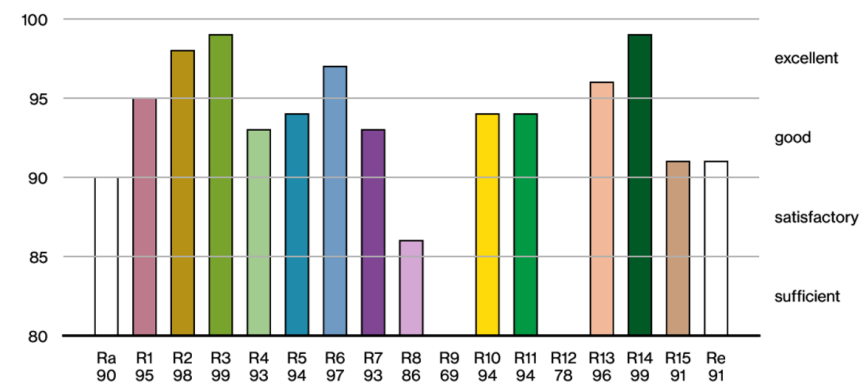
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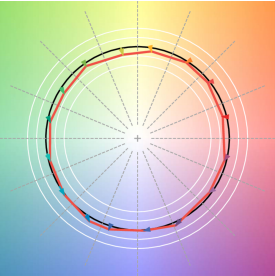
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## TM30 colour vector graphic



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.

