

# SASSO PRO 100

## adjustable

trimless exposed concrete

048-2410638W 052-1913410



Project / Type

Notes

Count / Date



### General

Ceiling , Recessed

tilt max 35°

rotation 360°

black , RAL 9005 <sup>1</sup>

IP20

1380 lm

### LED

4000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 3 SDCM

R<sub>g</sub>: 97 , R<sub>f</sub>: 89 , R<sub>f(1-15)</sub>: 91

MR 0.85

MDER 0.77

### Optical

wide flood

beam angle 57°

UGR ≤ 19 , ≥65° <3000 cd/m<sup>2</sup>

PstLM ≤ 1.0 <sup>2</sup>

SVM ≤ 0.4 <sup>2</sup>

### Electrical

DALI-2

220-240 V

system 14.7 W

system 94 lm/W<sup>3</sup>

PC2

1 DALI Addr.

### Physical

trimless for exposed concrete ceiling

length 229 mm

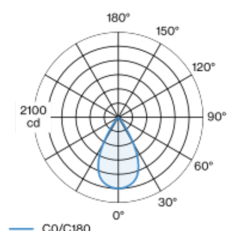
width 227 mm

height 160 mm

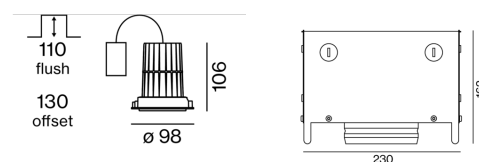
0.75 kg

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

### Light distribution



### Product drawing



### Installation instructions



### Lighting calculator



[048-2410638W 052-1913410] 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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01.05.2025

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### Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.99	0.96	0.93	0.9	0.88
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	18
B16	30
C10	23
C16	36

### Components

#### EXPOSED CONCRETE MOUNTING HOUSING

L-W-H (MM)  
229-227-160

ARTICLE NUMBER(S)  
052-1913410



### Mounting accessories

#### THROUGH WIRING CONNECTION BOX

TYPE  
non DIM cable ø 4 – 12 mm, Linect®-Ready  
DALI cable ø 4 – 12 mm, Linect®-Ready

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

ARTICLE NUMBER(S)  
005-2531110  
005-2551110



### Optical accessories

#### HONEYCOMB LOUVER

COLOUR  
traffic white  
jet black

Ø (MM)  
74  
74

ARTICLE NUMBER(S)  
048-2191317  
048-2191318



#### LINEAR PRISMATIC LENS

COLOUR  
traffic white  
jet black

Ø (MM)  
74  
74

ARTICLE NUMBER(S)  
048-2192317  
048-2192318



#### SNOOT

COLOUR  
traffic white  
jet black

Ø (MM)  
74  
74

ARTICLE NUMBER(S)  
048-2191117  
048-2191118



#### SNOOT WITH HONEYCOMB LOUVER

COLOUR  
traffic white  
jet black

Ø (MM)  
74  
74

ARTICLE NUMBER(S)  
048-2191217  
048-2191218



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