

# SASSO PRO 100

## adjustable

trimless exposed concrete  
048-2410418W 052-1913410



Project / Type
Notes
Count / Date



### General

Ceiling , Recessed
tilt max 35°
rotation 360°
black , RAL 9005 <sup>1</sup>
IP20
1240 lm

### LED

2700 K
CRI ≥ 90
L90 / 50000 h
initial MacAdam ≤ 3 SDCM
R <sub>g</sub> : 100 , R <sub>f</sub> : 89 , R <sub>f(1-15)</sub> : 86
MR 0.49
MDER 0.44

### 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

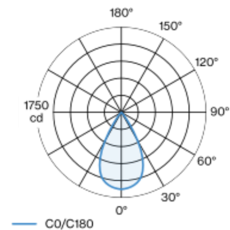
non DIM
220-240 V
system 14.7 W
system 84 lm/W <sup>3</sup>
PC2

### Physical

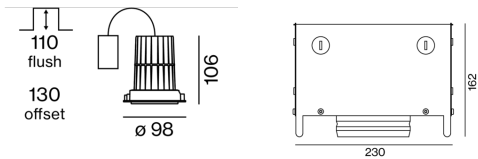
trimless for exposed concrete ceiling
length 229 mm
width 227 mm
height 160 mm
0.75 kg

Round recessed spotlight in die-cast aluminium; surface black powder coated; 360° rotatable and 35° tiltable; 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; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 2700 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; including high quality reflector made of plastic with spherical reflector; aluminium, vapour deposition coated; neutral colour reflection through absolute freedom from interference colour; for brilliant object staging; precise radiation characteristic with 57° beam; installed and exchanged without tools; optical attachments available as accessories; accessories are listed separately; degree of protection IP20; PC2; 220-240 V; incl. converter, non dimmable; converter wired secondary side; through wiring connection box, 3-pole or 5-pole, available as an accessory; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

### Light distribution



### Product drawing



<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

### Installation instructions



### Lighting calculator



# SASSO PRO 100

## adjustable

trimless exposed concrete

048-2410418W 052-1913410



Project / Type

Notes

Count / Date

### Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.98	0.96	0.94	0.92	0.9
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	22
B16	36
C10	37
C16	60

### 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



[048-2410418W 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.

© XAL GmbH · Auer-Welsbach-Gasse 36 · 8055 Graz · Austria · www.xal.com

01.05.2025

2 / 2