

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 , RAL9005 ¹
IP20
1380 lm

LED
4000 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 3 SDCM
R _g : 97 , R _f : 89 , R _{f(1-15)} : 91
MR 0.85
MDER 0.77

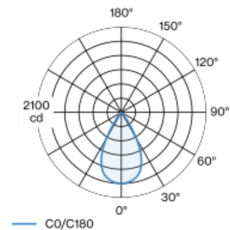
Optical
wide flood
beam angle 57°
UGR < 19 , ≥65° <3000 cd/m ²
P _{stLM} ≤ 1.0 ²
SVM ≤ 0.4 ²

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 4000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; min. 80% 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 220-240V; incl. DALI-2 converter; 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;

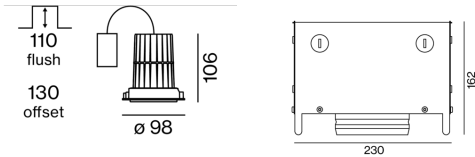
Electrical
DALI-2
14.7 W
PC2 220-240V
94 lm/W
1 DALI Addr.

Physical
trimless
length 229 mm
width 227 mm
height 160 mm
2.31 kg

Light distribution



Product drawing



¹ RAL code ² 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	0.99	0.96	0.93	0.9	0.88
LSF	1	1	1	1	1
MF	LMF × RSMF × LLMF × LSF		RSMF ^a Room Surface Maintenance Factor		
MF	Maintenance Factor		LLMF Lamp Lumens Maintenance Factor		
LMF ^a	Luminaire Maintenance Factor		LSF Lamp Survival Faktor		

^a 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
DALI cable ø 4 – 12 mm

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



[*048-2410638W 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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16.05.2024