

# SASSO PRO 80

## adjustable

offset trimless

048-2312438M 052-1931328



Project / Type

Notes

Count / Date



### General

Ceiling | Recessed

tilt max 35°

rotation 360°

jet black | RAL 9005

Mounting set jet black

IP20

966 lm

### LED

2700 K

CRI ≥ 90

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

R<sub>g</sub>: 100 | R<sub>r</sub>: 89 | R<sub>(1-15)</sub>: 86

MR 0.49 | MDER 0.44

### Optical

medium | beam angle 26°

≥65° <3000 cd/m<sup>2</sup>

PstLM ≤ 1.0 <sup>1</sup> | SVM ≤ 0.4 <sup>1</sup>

### Electrical

DALI-2 | 1 DALI Addr.

PC2 | 220-240 V

system 12.2 W

system 79 lm/W <sup>2</sup>

### Physical

trimless

length 87 mm | width 92 mm | height 83 mm

0.45 kg

### Cutout

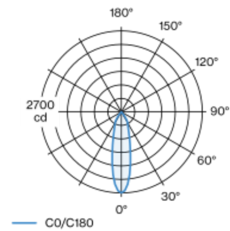
diameter 95 mm

min. ceiling thickness 12.5 mm | max. ceiling thickness 25 mm

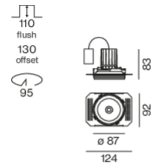
recessed depth 130 mm

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

### 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	0.98	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.

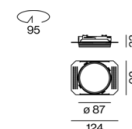
### Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	18
B16	30
C10	23
C16	36

### Components

#### MOUNTING SET trimless

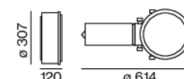
TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
for installation in plasterboard ceilings 12.5/15/25 mm	jet black	124-92-33	052-1931328



### Mounting accessories

#### PRIMED CONCRETE MOUNTING HOUSING

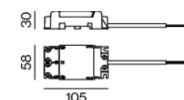
L-W-H (MM)	ARTICLE NUMBER(S)
240-400-130	052-1914320



### Mounting accessories

#### THROUGH WIRING CONNECTION BOX

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
non DIM cable ø 4 – 12 mm	105-58-30	005-2531110
DALI cable ø 4 – 12 mm	105-58-30	005-2551110



[048-2312438M 052-1931328] 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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02.08.2025

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### Optical accessories

#### HONEYCOMB LOUVER

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
traffic white	54	048-2091317
jet black	54	048-2091318



18  
ø 54

#### LINEAR PRISMATIC LENS

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
traffic white	54	048-2092317
jet black	54	048-2092318



#### SNOOT

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
traffic white	54	048-2091117
jet black	54	048-2091118



18  
ø 54

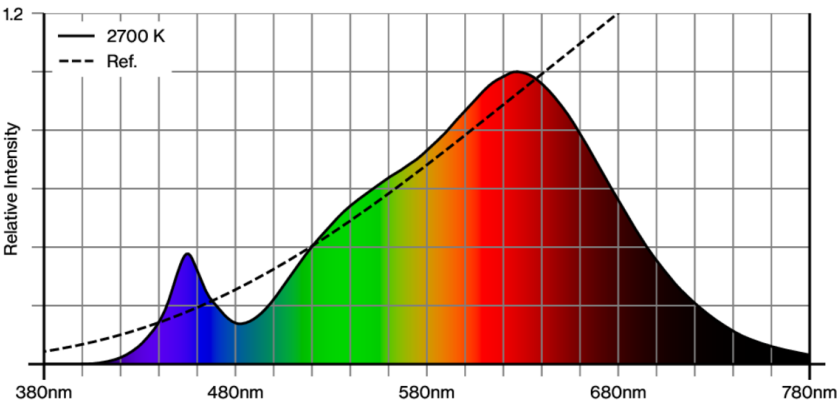
#### SNOOT WITH HONEYCOMB LOUVER

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
traffic white	54	048-2091217
jet black	54	048-2091218



18  
ø 54

### Colour rendering



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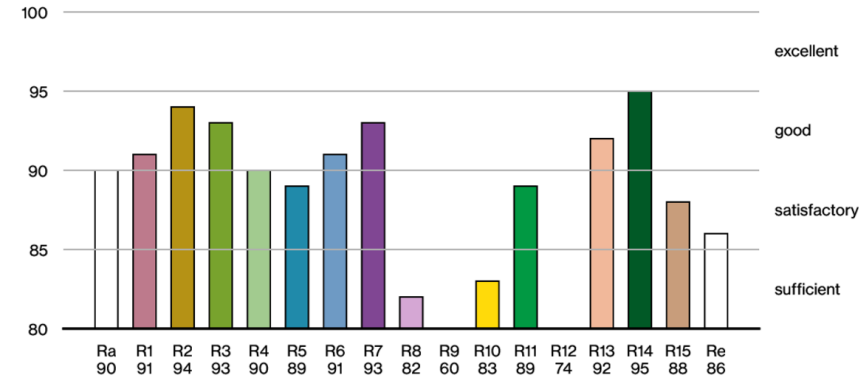
048-2312438M 052-1931328



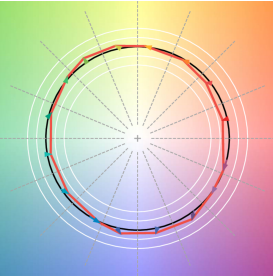
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### TM30 colour vector graphic



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.

