

# SASSO 100 round adjustable

ceiling

048-34105179M



Project / Type \_\_\_\_\_

Notes \_\_\_\_\_

Count / Date \_\_\_\_\_



220-240V \_\_\_\_\_

\_\_\_\_\_

X-PERT \_\_\_\_\_

X-PERT \_\_\_\_\_

**General**

Ceiling , Surface \_\_\_\_\_

tilt max 20° \_\_\_\_\_

rotation 360° \_\_\_\_\_

white , RAL9016/gold <sup>1</sup> \_\_\_\_\_

Reflector gold \_\_\_\_\_

IP20 \_\_\_\_\_

1430 lm \_\_\_\_\_

**LED**

3000 K \_\_\_\_\_

CRI ≥ 90 \_\_\_\_\_

L80 / 50000 h \_\_\_\_\_

initial MacAdam ≤ 2 SDCM \_\_\_\_\_

R<sub>g</sub>: 100 , R<sub>f</sub>: 91 , R<sub>f(1-5)</sub>: 88 \_\_\_\_\_

MR 0.59 \_\_\_\_\_

MDER 0.53 \_\_\_\_\_

**Optical**

medium \_\_\_\_\_

beam angle 32° \_\_\_\_\_

UGR < 16 , ≥ 65° < 3000 cd/m<sup>2</sup> \_\_\_\_\_

PstLM ≤ 1.0 <sup>2</sup> \_\_\_\_\_

SVM ≤ 0.4 <sup>2</sup> \_\_\_\_\_

**Electrical**

non DIM \_\_\_\_\_

20.2 W \_\_\_\_\_

PC1 220-240V \_\_\_\_\_

71 lm/W \_\_\_\_\_

**Physical**

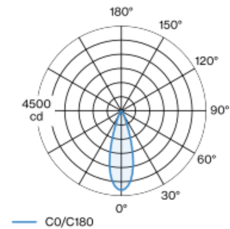
diameter 100 mm \_\_\_\_\_

height 162 mm \_\_\_\_\_

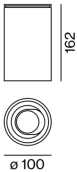
0.95 kg \_\_\_\_\_

<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)

## 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	0.96	0.92	0.88	0.85	0.81
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 Faktor	

<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
B13	40
B16	50
B20	62
C13	67
C16	85
C20	104

