

SASSO 100 round adjustable

ceiling

048-34106177W



Project / Type

Notes

Count / Date



220-240V

360°

X-PERT

X-PERT

General

Ceiling , Surface

tilt max 20°

rotation 360°

white , RAL9016/white ¹

Reflector white

IP20

1810 lm

LED

4000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 97 , R_r: 90 , R₁₋₁₅: 89

MR 0.81

MDER 0.74

Optical

wide flood

beam angle 59°

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

Electrical

non DIM

20.2 W

PC1 220-240V

90 lm/W

Physical

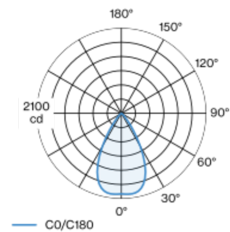
diameter 100 mm

height 162 mm

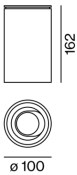
0.95 kg

¹ RAL code ² Value of containing product at full load (undimmed)

Light distribution



Product drawing



Installation instructions

Lighting calculator



SASSO 100 round adjustable

ceiling
048-34106177W



Project / Type

Notes

Count / Date

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

