

# SASSO 100 square adjustable

ceiling

048-33105177S



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

Notes \_\_\_\_\_

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



<b>General</b>	
Ceiling , Surface	_____
tilt max 20°	_____
white , RAL9016/white <sup>1</sup>	_____
Inner colour white	_____
IP20	_____
1500 lm	_____

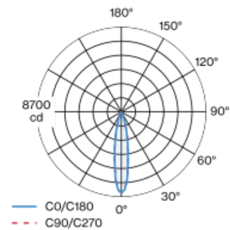
<b>LED</b>	
3000 K	_____
CRI ≥ 90	_____
L80 / 50000 h	_____
initial MacAdam ≤ 2 SDCM	_____
R <sub>g</sub> : 100 , R <sub>f</sub> : 91 , R <sub>f(1-5)</sub> : 88	_____
MR 0.59	_____
MDER 0.53	_____

<b>Optical</b>	
spot	_____
beam angle 19°	_____
UGR < 16	_____
P <sub>stLM</sub> ≤ 1.0 <sup>2</sup>	_____
SVM ≤ 0.4 <sup>2</sup>	_____

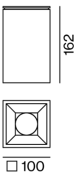
<b>Electrical</b>	
non DIM	_____
system 20.2 W	_____
PC1 220-240V	_____
system 74 lm/W <sup>3</sup>	_____
inset 87 lm/W <sup>4</sup>	_____

<b>Physical</b>	
length 100 mm	_____
width 100 mm	_____
height 162 mm	_____
1.1 kg	_____

## Light distribution



## Product drawing



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

<sup>3</sup> incl. optical losses and the efficiency of the operating device (converter)

<sup>4</sup> incl. optical losses

## 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

