

# SASSO 60 base square downlight 1 lamp

ceiling  
048-30304117F



Project / Type

Notes

Count / Date



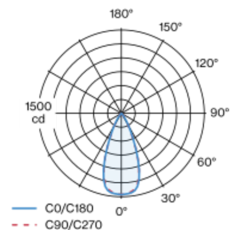
General
Ceiling , Surface
black , RAL9005/white <sup>1</sup>
Inner colour white
IP20
854 lm

LED
2700 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM
R <sub>g</sub> : 99 , R <sub>r</sub> : 91 , R <sub>t(1-15)</sub> : 89
MR 0.53
MDER 0.48

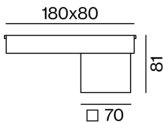
Optical
flood
beam angle 44°
UGR < 19
PstLM ≤ 1.0 <sup>2</sup>
SVM ≤ 0.4 <sup>2</sup>

Surface mounted spotlight made of aluminium; 1 lamp; square spotlight head; surface black (housing/light inset); surface mounted housing in aluminium incl. converter; mounting plate with pre-assembled converter unit can be pre-mounted; luminaire housing can be attached without tools by interlock; 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 2700 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 90; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 44° beam; UGR ≤ 19; degree of protection IP20; PC1 220-240V; incl. converter, non dimmable; luminaire for through wiring; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

## Light distribution



## Product drawing



Electrical
non DIM
system 10.3 W
PC1 220-240V
system 83 lm/W <sup>3</sup>
inset 98 lm/W <sup>4</sup>

Physical
length 180 mm
width 80 mm
height 81 mm
0.5 kg

<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

MF

LMF<sup>a</sup>

LMF × RSMF × LLMF × LSF

Maintenance Factor

Luminaire Maintenance Factor

RSMF<sup>a</sup>

LLMF

LSF

Room Surface Maintenance Factor

Lamp Lumens Maintenance Factor

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.

