

# SASSO 60 square downlight

ceiling

048-3010231F



Project / Type

Notes

Count / Date



## General

Ceiling , Surface

black , RAL 9005 <sup>1</sup>

Inner colour black

IP20

784 lm

## LED

3500 K

CRI  $\geq 90$

L80 / 50000 h

initial MacAdam  $\leq 2$  SDCM

R<sub>g</sub>: 99 , R<sub>r</sub>: 90 , R<sub>t(1-15)</sub>: 89

MR 0.7

MDER 0.64

## Optical

flood

beam angle 40°

UGR  $\leq 19$  ,  $\geq 65^\circ$   $< 1500$  cd/m<sup>2</sup>

PstLM  $\leq 1.0$  <sup>2</sup>

SVM  $\leq 0.4$  <sup>2</sup>

## Electrical

DALI-2

220-240 V

system 10.2 W

system 77 lm/W<sup>3</sup>

PC1

1 DALI Addr.

## Physical

length 72 mm

width 72 mm

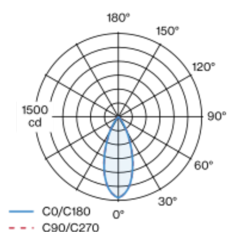
height 108 mm

0.5 kg

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

<sup>3</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	0.964	0.923	0.884	0.847	0.811
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	39
B16	63
B20	78
C10	63
C16	100
C20	125

