

# SASSO 100 square downlight

trim

048-2710111F 048-2797317 002-90789



Project / Type

Notes

Count / Date



## General

Ceiling , Recessed

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

Mounting set traffic white

front IP44 , back IP20

2360 lm

fixture 104 lm/W<sup>2</sup>

## LED

4000 K

CRI  $\geq$  90

L80 / 50000 h

initial MacAdam  $\leq$  2 SDCM

R<sub>g</sub>: 98 , R<sub>f</sub>: 90 , R<sub>(1-15)</sub>: 88

MR 0.8

MDER 0.72

## Optical

flood

beam angle 45°

UGR  $\leq$  16 ,  $\geq$  65° < 3000 cd/m<sup>2</sup>

PstLM  $\leq$  1.0 <sup>3</sup>

SVM  $\leq$  0.4 <sup>3</sup>

## Electrical

DALI-2

220-240 V

system 26.7 W

fixture 22.7 W

36 Vf

650 mA

PC2

1 DALI Addr.

## Physical

trim

length 118 mm

width 118 mm

height 75 mm

0.53 kg

## Cutout

length 112 mm

width 112 mm

min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

recessed depth 80 mm

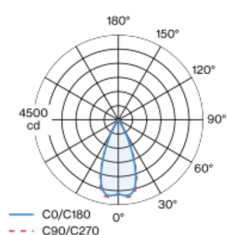
<sup>1</sup> RAL code

<sup>2</sup> incl. consideration of optical losses & internal control unit losses

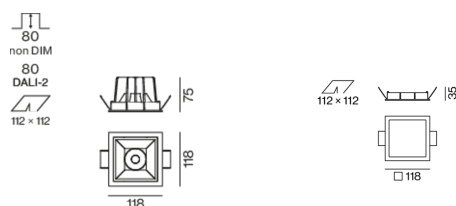
<sup>3</sup> Value of containing product at full load (undimmed)

Recessed square spotlight in die-cast aluminium; 1 lamp; surface black; installation without tools in mounting set due to patented ball catch system; square installation housing; with trim traffic white; suitable for ceiling thickness of 2-25 mm; 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 4000 K; binning initial MacAdam  $\leq$  2 SDCM; CRI  $\geq$  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 45° beam; UGR  $\leq$  16; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65°  $\leq$  3000 cd/m<sup>2</sup>; degree of protection from below IP44 (from above IP20); PC2; 220-240 V; incl. DALI-2 converter; through wiring connection box, 3-pole or 5-pole, available as an accessory; accessories are listed separately; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

## Light distribution



## Product drawing



# SASSO 100 square downlight

trim

048-2710111F 048-2797317 002-90789



Project / Type

Notes

Count / Date

Installation  
instructions



Lighting  
calculator

