

SASSO 100 square downlight

trim 2 lamps

048-2710511M 048-279931G 002-90779



Project / Type _____

Notes _____

Count / Date _____



↑ P20
↓ P44

220-240V

X-PERT

UGR
≤ 13

cd/m²
≤ 1500

CRI
≥ 90

MACOS
MACOR

X-PERT

General

Ceiling , Recessed
black , RAL9005 ¹
Mounting set white aluminium
front IP44 , back IP20
2840 lm

LED

3000 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM
R_g: 100 , R_f: 91 , R_{f(1-15)}: 88
MR 0.59
MDER 0.53

Optical

medium
beam angle 33°x34°
UGR < 13 , ≥ 65° < 1500 cd/m²
PstLM ≤ 1.0 ²
SVM ≤ 0.4 ²

Recessed square spotlight in die-cast aluminium; 2 lamps; surface black; installation without tools in mounting set due to patented ball catch system; rectangular installation housing; with trim white aluminium; 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 3000 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 33°x34° beam; UGR ≤ 13; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 1500 cd/m²; degree of protection from below IP44 (from above IP20); PC2 220-240V; 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;

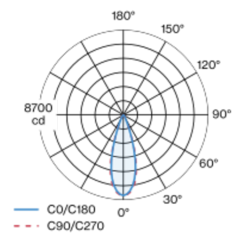
Electrical

DALI-2
40 W
inset 17.2 W
36 V
500 mA
total insets 34 W
PC2 220-240V
71 lm/W
inset 83 lm/W
1 DALI Addr.

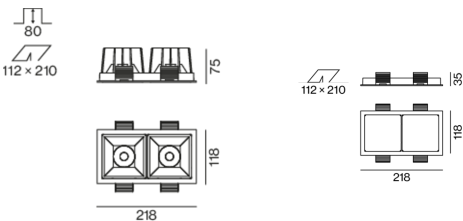
Physical

trim
length 218 mm
width 118 mm
height 75 mm
0.6 kg

Light distribution



Product drawing



Cutout

length 210 mm
width 112 mm
min. ceiling thickness 2 mm
max. ceiling thickness 25 mm
recessed depth 100 mm

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



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Installation
instructions



Lighting
calculator

