SASSO 60 square
downlight

trim

048-2612911W 048-2697317 002-90746

220-240V	↑ IP20 ↓ IP44	X-PERT	~ X-PERT

General

Ceiling , Recessed
black , RAL9005 [1]
Mounting set traffic white
front IP44 , back IP20
851 lm

LED

2700 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM
R_g: 97 , R_f: 91 , $R_{\{1-15\}}$: 87
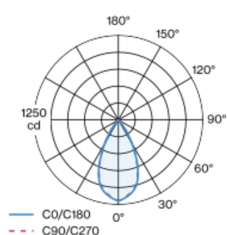MR 0.52
MDER 0.47

Optical

wide flood
beam angle 51°
UGR < 19 , ≥65° <1500 cd/m²
PstLM ≤ 1.0 [2]
SVM ≤ 0.4 [2]

Electrical

DALI-2
system 10.2 W
inset 8.7 W
36 Vf
250 mA
PC2 220-240V
system 83 lm/W [3]
inset 98 lm/W [4]
1 DALI Addr.

Physical

trim
length 80 mm
width 80 mm
height 48 mm
0.31 kg

Cutout

length 73 mm
width 73 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)
[3] incl. optical losses and the efficiency of the operating device (converter)
[4] incl. optical losses
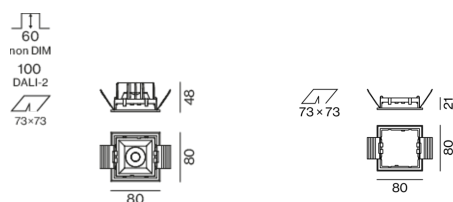
Recessed square spotlight in die-cast aluminium; 1 lamp; surface black; installation without tools in mounting set due to patented ball catch system; square installation housing; with trim traffic white; suitable for ceiling thickness of 2-25 mm; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 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 51° beam; UGR ≤ 19; 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;

Light distribution

180°
150°
120°
90°
60°
30°
0°
1250 cd

— C0/C180
--- C90/C270

Product drawing

60
non DIM
100
DALI-2
73×73

48
80
80

73 × 73
21
80
80

['048-2612911W 048-2697317 002-90746'] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.

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Installation instructions

Lighting calculator