

SASSO 100 square adjustable

ceiling

048-33102374F



Project / Type

Notes

Count / Date



Square ceiling mounted spotlight made of aluminium; surface traffic white powder coated; Inner colour lacquered in matt silver; 20° tiltable; luminaire housing can be attached to mounting plate 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 3500 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 ≤ 16 ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 3000 cd/m²; degree of protection IP20; PC1; 220-240 V; incl. DALI-2 converter; flicker-free visual comfort through analogue current control (minimum value 1%); converter integrated into spotlight head; luminaire for through wiring; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



General

Ceiling | Surface

tilt max 20°

traffic white | RAL 9016 ¹

Inner colour matt silver

IP20

1690 lm

LED

3500 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 99 | R_f: 90 | R_{t(1-15)}: 89

MR 0.7 | MDER 0.64

Optical

flood | beam angle 44°

UGR ≤ 16 | $\geq 65^\circ < 3000$ cd/m²

Electrical

DALI-2 | 1 DALI Addr.

PC1 | 220-240 V

system 17.9 W

system 94 lm/W ²

Physical

length 100 mm | width 100 mm | height 162 mm

1.1 kg

¹ RAL code
² incl. consideration of optical losses, internal control unit losses & operating device efficiency

Lighting calculator

