

## SASSO 100 square

recessed

**EN** Square recessed spotlight; installation without tools in mounting set (trimless or with trim) with ball catch system; surface lacquered; installation possible in different housings; choice of adjustable / fixed symmetric or asymmetric radiation characteristic; variants with symmetric radiation characteristic: precise radiation characteristic due to high quality lens system; variants with asymmetric radiation characteristic: high-quality reflector with micro-faceted, aluminum-vaporised surface; COB (Chip on Board) technology for maximum efficiency (ADJUSTABLE and DOWNLIGHT); no multiple shadows; efficient LEDs with very good colour rendering

**DE** Quadratischer Einbaustrahler; werkzeuglose Montage im Montageset (randlos oder mit umlaufendem Rand) durch Kugelschnappsystem; Oberfläche lackiert; Einbau in unterschiedlichen Gehäusen möglich; wahlweise einstellbar / starr symmetrische oder asymmetrische Abstrahlcharakteristik; symmetrisch strahlende Varianten: präzise Abstrahlcharakteristik durch hochwertige Linsenoptik; asymmetrisch strahlende Varianten: hochwertiger Reflektor mit mikrofacettierter, aluminiumbedampfter Oberfläche; COB (Chip on Board) Technologie für höchste Effizienz (ADJUSTABLE und DOWNLIGHT); keine Mehrfachschatten; effiziente LEDs mit sehr guter Farbwiedergabe

### Quickinfo

2700 K, 3000 K, 3500 K, 4000 K,  
CWD 1800–3000 K  
CRI ≥ 90, 2 SDCM  
up to 142 lm/W  
L80 @ 50 000 h  
non DIM, DALI-2  
↓ IP 44 / ↑ IP 20

### Types

trim		75 95 (adj.)
	□ 118	
trimless		75 95 (adj.)
	□ 97	
double trim		75 95 (adj.)
	218x118	

### Housing colours



### Inset colours



### Light distributions



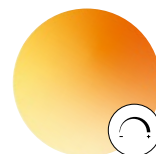
wallwasher and  
ww floor inset



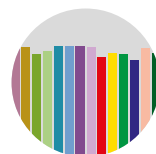
glare control  
(UGR ≤ 16)



60 mm  
recess depth



CWD  
1800–3000 K



CRI ≥ 95  
2 SDCM

## Order options

### COLOUR TEMPERATURE

2700 K	9
3000 K	0
3500 K	2
4000 K	1

CWD 1800–3000 K\*

\*only for DALI-2; not for DIN-RAIL LED Driver

### INSET COLOUR

○ traffic white RAL 9016 (UGR ≤ 22)	7
● matt silver (UGR ≤ 19)	4
● jet black RAL 9005 (UGR ≤ 16)	1
● gold dust RAL 260-M (UGR ≤ 19)	9

### BEAM ANGLE

spot 19°*	S
medium 34°	M
flood 45°*	F
wide flood 65°	W
super wide flood 70°* **	X

\*not available for CWD

\*\*only for inset colour white

## Options on request

### COLOR RENDERING INDEX

CRI ≥ 95, 2 SDCM

### CONTROL

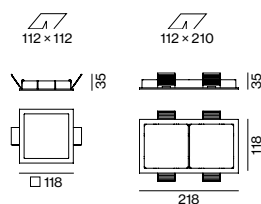
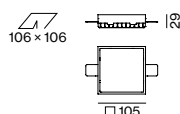
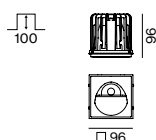
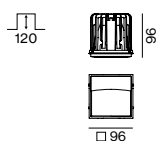
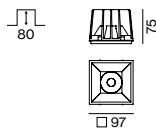
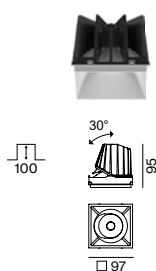
Casambi

### MOUNTING SET

acoustic soft ceilings

### POWER SUPPLY

DIM 1–10 V



## SASSO 100 square



### ADJUSTABLE (↓ IP 40 | ↑ IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
15.2 W 36 Vf 450 mA	1760 lm	0 4 8 - 2 7 3 0 :: 1 ■ ▲
22.7 W 36 Vf 650 mA	2420 lm	0 4 8 - 2 7 3 0 :: 1 ■ ▲
23.8 W 36 Vf 700 mA	CWD 2280 lm	0 4 8 - 2 7 3 0 E 1 ■ ▲

### DOWNLIGHT (↓ IP 44 | ↑ IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
15.8 W 36 Vf 450 mA	↓ IP 44 1770 lm	0 4 8 - 2 7 1 0 :: 1 ■ ▲
23.6 W 36 Vf 650 mA	↓ IP 44 2430 lm	0 4 8 - 2 7 1 0 :: 1 ■ ▲
23.8 W 36 Vf 700 mA	↓ IP 40 CWD 2290 lm	0 4 8 - 2 7 1 0 E 1 ■ ▲



### WALLWASHER (IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
15.8 W 36 Vf 450 mA	1750 lm	0 4 8 - 2 7 5 0 :: 1 ■ ▲
23.6 W 36 Vf 650 mA	2700 lm	0 4 8 - 2 7 5 0 :: 1 ■ ▲

### WALLWASHER/FLOOR (IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
14.6 W 36 Vf 450 mA	1980 lm	0 4 8 - 2 7 5 0 :: 1 ■ ▲
21.5 W 36 Vf 650 mA	2690 lm	0 4 8 - 2 7 5 0 :: 1 ■ ▲

## Mounting accessories

### TRIMLESS MOUNTING SET for plasterboard ceilings 12.5/15/25 mm

COLOUR	ORDER CODE
○ traffic white RAL9016	0 4 8 - 2 7 9 7 1 1 7

### MOUNTING SET WITH TRIM for intermediate ceilings 2–25 mm

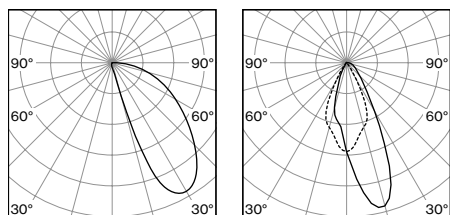
TYPE	COLOUR	ORDER CODE
1 lamp	● white aluminium RAL 9006	0 4 8 - 2 7 9 7 3 1 G
	○ traffic white RAL 9016	0 4 8 - 2 7 9 7 3 1 7
2 lamps	● jet black RAL 9005	0 4 8 - 2 7 9 7 3 1 8
	● white aluminium RAL 9006	0 4 8 - 2 7 9 9 3 1 G
	○ traffic white RAL 9016	0 4 8 - 2 7 9 9 3 1 7
	● jet black RAL 9005	0 4 8 - 2 7 9 9 3 1 8

### CONCRETE MOUNTING HOUSING

COLOUR	L-W-H (mm)	ORDER CODE
primed concrete ceilings*	614-307-120	0 4 8 - 2 6 9 5 1 1 0

\*order mounting set separately, not applicable for 2 lamps mounting set with trim

## Light distributions



wallwasher

wallwasher floor

INSET POWER is the current

consumption excluding any ballast


LUMINOUS FLUX value calculated for

3000 K, CRI ≥ 90, colour white, wide flood

2700 K -5%, 4000 K +5%

## Electrical accessories

### SASSO 100

**POWER SUPPLY** 220-240 V AC, 50-60 Hz,  PC II

TYPE	EFFICIENCY	L-W-H (mm)	ORDER CODE
450 mA   non DIM	$\eta$ 88 %	97-43-21	002-90766
450 mA   DALI-2	$\eta$ 88 %	97-43-30	002-90767
650 mA   non DIM	$\eta$ 88 %	97-43-30	002-90780
650 mA   DALI-2	$\eta$ 88 %	97-43-30	002-90789
700 mA   non DIM	$\eta$ 88 %	97-43-30	002-90774
700 mA   DALI-2	$\eta$ 88 %	97-43-30	002-90776

**POWER SUPPLY PRE-WIRED w. junction box** 220-240 V AC, 50-60 Hz,  PC II

TYPE	EFFICIENCY	ORDER CODE
450 mA   non DIM	$\eta$ 88 %	002-90766A
450 mA   DALI-2	$\eta$ 88 %	002-90767A
650 mA   non DIM	$\eta$ 88 %	002-90780A
650 mA   DALI-2	$\eta$ 88 %	002-90789A
700 mA   non DIM	$\eta$ 88 %	002-90774A
700 mA   DALI-2	$\eta$ 88 %	002-90776A

### THROUGH WIRING CONNECTION BOX

TYPE	L-W-H (mm)	ORDER CODE
non DIM cable $\varnothing$ 4-12 mm	105-58-30	005-2531110
DALI cable $\varnothing$ 4-12 mm	105-58-30	005-2551110

Linect® ready

### DIN RAIL COMPONENTS

TYPE	W-H-D (mm)	ORDER CODE
POWER SUPPLY 220-240 V AC 160 W   48 V DC constant voltage	72-90-63	005-6520210
LED DRIVER DALI-2 DT6 1-2 addr. 200-1050 mA settable const. current 2×42 W   48 V DC   U <sub>OUT</sub> 10-40 V	36-88-59	005-6121030

for more details and components see catalog XAL 22, page 981