



## 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; asymmetrische 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 125 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 ADJ. / DOWNLIGHT / WW

2700K	9
3000K	0
3500K	2
4000K	1
CWD 1800-3000K*	

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

#### COLOUR TEMPERATURE WALLWASHER FLOOR

2700K	4
3000K	5
4000K	6
CWD 1800-3000K*	

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

#### INSET COLOUR

<input type="radio"/> traffic white RAL 9016 (UGR <sub>≤22</sub> )	7
<input type="radio"/> matt silver (UGR <sub>≤19</sub> )	4
<input type="radio"/> jet black RAL 9005 (UGR <sub>≤16</sub> )	1
<input type="radio"/> gold dust RAL 260-M (UGR <sub>≤19</sub> )	9

#### BEAM ANGLE

spot 19°*	S
medium 34°	M
floor 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 1-10V

### Light distributions



wallwasher



wallwasher floor

**INSET POWER** is the current

consumption excluding any ballast

**LUMINOUS FLUX** value calculated for

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

2700K -5%, 4000K +5%



### SASSO 100 square



#### ADJUSTABLE (↓ IP 40 | ↑ IP 20)

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

#### DOWNLIGHT (↓ IP 44 | ↑ IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
15.8W 36 Vf 450mA	↓IP44 1770lm	0 4 8 - 2 7 1 0 :: 1 □ ▲
23.6W 36 Vf 650mA	↓IP44 2430lm	0 4 8 - 2 7 1 0 :: 1 □ ▲
23.8W 36 Vf 700mA	↓IP40 CWD 2290lm	0 4 8 - 2 7 1 0 E 1 □ ▲



#### WALLWASHER (IP20)

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

#### WALLWASHER / FLOOR (IP20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
16.3W 36 Vf 500mA	1700lm	0 4 8 - 2 7 5 0 :: 1 □ W
23.4W 36 Vf 700mA	2310lm	0 4 8 - 2 7 5 0 :: 1 □ W

### Mounting accessories

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

COLOUR	ORDER CODE
<input type="radio"/> traffic white RAL9016	0 4 8 - 2 7 9 7 1 1 7

**MOUNTING SET WITH TRIM** for intermediate ceilings 2-25mm

TYPE	ORDER CODE
1 lamp	0 4 8 - 2 7 9 7 3 1 □
2 lamps	0 4 8 - 2 7 9 9 3 1 □

#### 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

### Electrical accessories

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

TYPE	EFFICIENCY	L-W-H (mm)	ORDER CODE
450mA   non DIM	η 88 %	143-43-30	0 0 2 - 9 0 7 6 6
450mA   DALI-2	η 88 %	143-43-30	0 0 2 - 9 0 7 6 7
650mA   non DIM	η 88 %	143-43-30	0 0 2 - 9 0 7 8 0
650mA   DALI-2	η 88 %	143-43-30	0 0 2 - 9 0 7 8 9
700mA   non DIM	η 80 %	143-43-30	0 0 2 - 9 0 7 7 4
700mA   DALI-2	η 88 %	143-43-30	0 0 2 - 9 0 7 7 6

#### THROUGH WIRING CONNECTION BOX

TYPE	L-W-H (mm)	ORDER CODE
non DIM cable ø4-12mm	105-58-30	0 0 5 - 2 5 3 1 1 1 0
DALI cable ø4-12mm	105-58-30	0 0 5 - 2 5 5 1 1 1 0

#### DIN RAIL COMPONENTS

TYPE	W-H-D (mm)	ORDER CODE
POWER SUPPLY 220-240V AC	72-90-63	0 0 5 - 6 5 2 0 2 1 0
160W   48V DC constant voltage		
LED DRIVER DALI-2 DT6 1-2 addr.	36-88-59	0 0 5 - 6 1 2 1 0 3 0
200-1050mA settable const. current		
2x 42W   48V DC   U <sub>OUT</sub> 10-40V		

for more details and components see page 981