



## 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, 4000 K, CWD  
 CRI ≥ 90, 2 SDCM  
 up to 120 lm/W  
 L80 @ 50 000 h  
 non DIM, DALI-2  
 ↓ IP44/↑ IP20

### Types



### Housing colours



### Inset colours



### Light distributions



wallwasher and  
ww floor inset



glare control  
(UGR ≤ 16)



60 mm  
recess depth



CWD  
1800–3000K



CRI ≥ 95  
2 SDCM

### Order options

<b>COLOUR TEMPERATURE</b>	☐☐
2700K	4
3000K	5
4000K	6
CWD 1800-3000K*	

\*only for DALI-2

<b>INSET COLOUR</b>	☑
☐ traffic white RAL 9016 (UGR <sub>≤</sub> 22)	7
● matt silver (UGR <sub>≤</sub> 19)	4
● jet black RAL 9005 (UGR <sub>≤</sub> 16)	1
● chrome	2
● gold dust RAL 260-M (UGR <sub>≤</sub> 19)	9

<b>BEAM ANGLE</b>	▲
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

<b>MATERIAL COLOUR</b>	
<b>MOUNTING SET</b>	■
● white aluminium RAL 9006	G
☐ traffic white RAL9016	7
● jet black RAL 9005	8

### Options on request

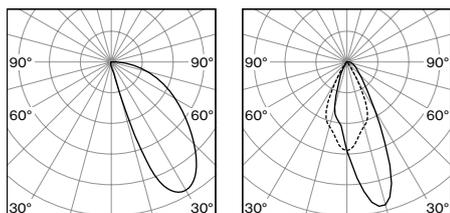
<b>COLOR RENDERING INDEX</b>	
CRI ≥ 95, 2 SDCM	

<b>CONTROL</b>	
Casambi	

<b>MOUNTING SET</b>	
acoustic soft ceilings	

<b>POWER SUPPLY</b>	
DIM 1-10 V	

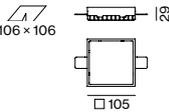
### Light distributions



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%



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#### ADJUSTABLE (↓ IP 40 | ↑ IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
17.2W 36 Vf 500mA	1860lm	0 4 8 - 2 7 3 0 :: 1 ☑ ▲
25W 36 Vf 700mA	2450lm	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
17.2W 36 Vf 500mA	↓IP44 1890lm	0 4 8 - 2 7 1 0 :: 1 ☑ ▲
25W 36 Vf 700mA	↓IP44 2500lm	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
17.3W 36 Vf 500mA	1540lm	0 4 8 - 2 7 5 0 :: 1 ☑ A
23.4W 36 Vf 700mA	2310lm	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

<b>TRIMLESS MOUNTING SET</b> for plasterboard ceilings 12.5/15/25 mm	
<b>COLOUR</b>	
☐ traffic white RAL9016	0 4 8 - 2 7 9 7 1 1 7

<b>MOUNTING SET WITH TRIM</b> for intermediate ceilings 2-25 mm	
<b>TYPE</b>	
1 lamp	0 4 8 - 2 7 9 7 3 1 ■
2 lamps	0 4 8 - 2 7 9 9 3 1 ■

<b>CONCRETE MOUNTING HOUSING</b>		
<b>COLOUR</b>		
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

<b>POWER SUPPLY</b> 220-240 V AC, 50-60 Hz, ☐ PC II			
<b>TYPE</b>	<b>EFFICIENCY</b>	<b>L-W-H (mm)</b>	<b>ORDER CODE</b>
500 mA   non DIM	η 88 %	143-43-30	0 0 2 - 9 0 7 7 7
500 mA   DALI-2	η 88 %	143-43-30	0 0 2 - 9 0 7 7 9
700 mA   non DIM	η 80 %	143-43-30	0 0 2 - 9 0 7 7 4
700 mA   DALI-2	η 88 %	143-43-30	0 0 2 - 9 0 7 7 6

<b>THROUGH WIRING CONNECTION BOX</b>		
<b>TYPE</b>	<b>L-W-H (mm)</b>	<b>ORDER CODE</b>
non DIM cable ø 4-12 mm	105-58-30	0 0 5 - 2 5 3 1 1 1 0
DALI cable ø 4-12 mm	105-58-30	0 0 5 - 2 5 5 1 1 1 0

<b>DIN RAIL COMPONENTS</b>		
<b>TYPE</b>	<b>W-H-D (mm)</b>	<b>ORDER CODE</b>
POWER SUPPLY 220-240 V AC	72-90-63	0 0 5 - 6 5 2 0 2 1 0
160 W   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
200-1050 mA settable const. current		
2x 42W   48V DC   U <sub>OUT</sub> 10-40V		

for more details and components see page 981