



## 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 Kugelschnapsystem; 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

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

\*only for DALI-2

INSET COLOUR	
<input type="radio"/> traffic white RAL 9016 (UGR <sub>≤</sub> 22)	7
<input type="radio"/> matt silver (UGR <sub>≤</sub> 19)	4
<input type="radio"/> jet black RAL 9005 (UGR <sub>≤</sub> 16)	1
<input type="radio"/> chrome	2
<input type="radio"/> gold dust RAL 260-M (UGR <sub>≤</sub> 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

MATERIAL COLOUR MOUNTING SET	
<input type="radio"/> white aluminium RAL 9006	G
<input type="radio"/> traffic white RAL9016	7
<input type="radio"/> jet black RAL 9005	8

### Options on request

COLOR RENDERING INDEX	
CRI ≥ 95, 2 SDCM	

CONTROL	
Casambi	

MOUNTING SET	
acoustic soft ceilings	

POWER SUPPLY	
DIM 1-10 V	

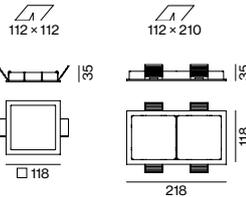
### Light distributions



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%



### SASSO 100 square



#### 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 (IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
17.3W 36 Vf 500mA	1540lm	0 4 8 - 2 7 5 0 :: 1 [ ] [ ] [ ]
23.4W 36 Vf 700mA	2310lm	0 4 8 - 2 7 5 0 :: 1 [ ] [ ] [ ]

#### WALLWASHER/FLOOR (IP 20)

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

### Mounting accessories

<b>TRIMLESS MOUNTING SET</b> for plasterboard ceilings 12.5/15/25 mm		
COLOUR	ORDER CODE	
<input type="radio"/> 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		
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 [ ] [ ] [ ]	

<b>CONCRETE MOUNTING HOUSING</b>		
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

<b>POWER SUPPLY</b> 220-240 V AC, 50-60 Hz, <input type="checkbox"/> PC II			
TYPE	EFFICIENCY	L-W-H (mm)	ORDER CODE
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>		
TYPE	L-W-H (mm)	ORDER CODE
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>		
TYPE	W-H-D (mm)	ORDER CODE
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		
2 × 42W   48V DC   U <sub>OUT</sub> 10-40V		

for more details and components see page 981