



## 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 142 lm/W  
L80 @ 50 000 h  
non DIM, DALI-2  
↓ IP 44 / ↑ IP 20

### Types

trim		75	95 (each)
		□ 118	
trimless		75	95 (each)
		□ 97	
double trim		75	95 (each)
		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 1800-3000K\*

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

### 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"/> 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

## Options on request

### COLOR RENDERING INDEX

CRI ≥ 95, 2 SDCM

### CONTROL

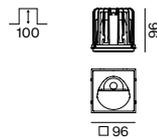
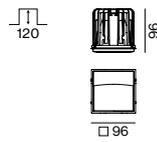
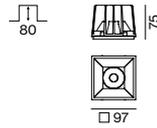
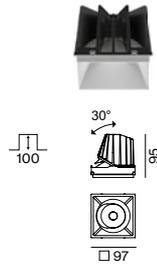
Casambi

### 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
15.2W 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 (IP 20)

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 (IP 20)

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

## Mounting accessories

### TRIMLESS MOUNTING SET 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

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

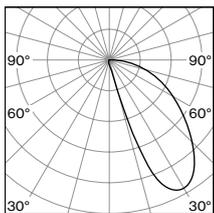
TYPE	COLOUR	ORDER CODE
1 lamp	<input checked="" type="radio"/> white aluminium RAL 9006	0 4 8 - 2 7 9 7 3 1 G
	<input type="radio"/> traffic white RAL 9016	0 4 8 - 2 7 9 7 3 1 7
2 lamps	<input checked="" type="radio"/> jet black RAL 9005	0 4 8 - 2 7 9 7 3 1 8
	<input checked="" type="radio"/> white aluminium RAL 9006	0 4 8 - 2 7 9 9 3 1 G
	<input type="radio"/> traffic white RAL 9016	0 4 8 - 2 7 9 9 3 1 7
	<input checked="" type="radio"/> jet black RAL 9005	0 4 8 - 2 7 9 9 3 1 8

### CONCRETE MOUNTING HOUSING

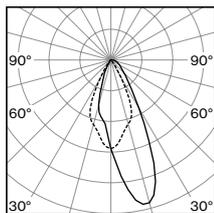
COLOUR	L-W-H (mm)	ORDER CODE
primed concrete ceilings*	614-307-120	0 4 8 - 2 6 9 5 1 1 0

\*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

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

2700K -5%, 4000K +5%

## Electrical accessories

### SASSO 100

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

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

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

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

#### THROUGH WIRING CONNECTION BOX

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

Linect® ready

#### DIN RAIL COMPONENTS

TYPE	W-H-D (mm)	ORDER CODE
POWER SUPPLY 220-240V AC 160W   48V DC constant voltage	72-90-63	005-6520210
LED DRIVER DALI-2 DT6 1-2 addr. 200-1050mA settable const. current 2x42W   48V DC   U <sub>OUT</sub> 10-40V	36-88-59	005-6121030

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