



## 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

**FR** Spot carré encastrable ; montage sans outil en kit de montage (sans bord ou avec bord continu) par système à déclic à bille ; surface laquée ; encastrement possible dans différents boîtiers ; au choix de l'orientation / symétrique Fixe ou asymétrique caractéristique du flux ; variantes à rayonnement sym. : caractéristiques de rayonn. précises grâce à l'optique à lentille ; variantes à rayonnement asymétrique : réflecteur de grande qualité avec surface à microfacettes, métallisée à l'aluminium ; Technologie COB (Chip on Board) pour efficacité maximale (ADJUSTABLE et DOWNLIGHT) ; pas d'ombres multiples ; LED économes en énergie à restitution de couleur élevée

### 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 (total)
		□ 118	
trimless		75	95 (total)
		□ 97	
double trim		75	95 (total)
		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

○ 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

### 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	048-2730::1
22.7W 36 Vf 650mA	2420lm	048-2730::2
23.8W 36 Vf 700mA	CWD 2280lm	048-2730E1



#### DOWNLIGHT (↓ IP 44 | ↑ IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
15.8W 36 Vf 450mA	↓IP44 1770lm	048-2710::1
23.6W 36 Vf 650mA	↓IP44 2430lm	048-2710::2
23.8W 36 Vf 700mA	↓IP40 CWD 2290lm	048-2710E1



#### WALLWASHER (IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
15.8W 36 Vf 450mA	1750lm	048-2750::1
23.6W 36 Vf 650mA	2700lm	048-2750::2



#### WALLWASHER/FLOOR (IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
16.3W 36 Vf 500mA	1700lm	048-2750::1
23.4W 36 Vf 700mA	2310lm	048-2750::2



### Mounting accessories

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

COLOUR	ORDER CODE
○ traffic white RAL9016	048-2797117

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

TYPE	COLOUR	ORDER CODE
1 lamp	● white aluminium RAL 9006	048-279731G
	○ traffic white RAL 9016	048-2797317
2 lamps	● jet black RAL 9005	048-2797318
	● white aluminium RAL 9006	048-279931G
	○ traffic white RAL 9016	048-2799317
	● jet black RAL 9005	048-2799318

#### CONCRETE MOUNTING HOUSING

COLOUR	L-W-H (mm)	ORDER CODE
primed concrete ceilings*	614-307-120	048-2695110

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



## Electrical accessories

### SASSO 100

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

TYPE	EFFICIENCY	L-W-H (mm)	ORDER CODE
450 mA   non DIM	$\eta$ 88 %	143-43-30	002-90766
450 mA   DALI-2	$\eta$ 88 %	143-43-30	002-90767
650 mA   non DIM	$\eta$ 88 %	143-43-30	002-90780
650 mA   DALI-2	$\eta$ 88 %	143-43-30	002-90789
700 mA   non DIM	$\eta$ 80 %	143-43-30	002-90774
700 mA   DALI-2	$\eta$ 88 %	143-43-30	002-90776

### 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

### DIN RAIL COMPONENTS

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

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