



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, 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
1800–3000 K



CRI ≥ 95
2 SDCM

Order options

COLOUR TEMPERATURE	☐☐
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

MATERIAL COLOUR	
MOUNTING SET	☑
● white aluminium RAL 9006	G
☐ traffic white RAL9016	7
● 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 (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

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

MOUNTING SET WITH TRIM for intermediate ceilings 2–25 mm	
TYPE	
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	
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 220-240 V AC, 50-60 Hz, ☐ PC II			
TYPE			
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

THROUGH WIRING CONNECTION BOX			
TYPE			
non DIM cable ø 4–12 mm	L-W-H (mm)	105-58-30	0 0 5 - 2 5 3 1 1 1 0
DALI cable ø 4–12 mm	L-W-H (mm)	105-58-30	0 0 5 - 2 5 5 1 1 1 0

DIN RAIL COMPONENTS			
TYPE			
POWER SUPPLY 220-240 V AC	W-H-D (mm)	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 _{OUT} 10–40V			

for more details and components see page 981