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
↓ IP 44 / ↑ IP 20

Types

trim		75 / 95 (adj.)
	□ 118	
trimless		75 / 95 (adj.)
	□ 97	
double trim		75 / 95 (adj.)
	218x118	

Housing colours

Inset colours

Light distributions

spot   med.   flood   wide flood   super wide flood   wall   wall floor

wallwasher and
ww floor inset

glare control
(UGR ≤ 16)

60 mm
recess depth

CWD
1800–3000 K

CRI ≥ 95
2 SDCM

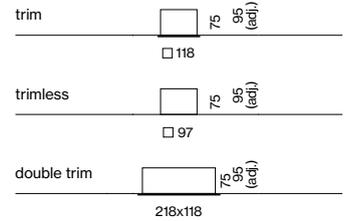# SASSO 100 square

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

ES Proyector empotrable cuadrado; instalación sin herramientas mediante kit de montaje (con o sin marco) con sistema inserción de bola; superficie lacada; posibilidad de instalar distintas carcasas; elección de la característica de radiación; ajustable o fija simétrica o asimétrica; variantes de radiación simétrica: proyección precisa con óptica de lente de alta calidad; variantes con emisión asimétrica: reflector de alta calidad con superficie de múltiples facetas revestida con aluminio por vaporización; Chip on Board que proporciona una máxima eficiencia (ADJUSTABLE y DOWNLIGHT); no sombras múltiples; LEDS de eficiencia que proporcionan una alta reproducción cromática

Order options

COLOUR TEMPERATURE ⠿

2700 K	4
3000 K	5
4000 K	6
CWD 1800–3000 K*	

*only for DALI-2

INSET COLOUR ◪

○ traffic white RAL 9016 (UGR≤22)	7
● matt silver (UGR≤19)	4
● jet black RAL 9005 (UGR≤16)	1
◐ chrome	2
● 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 ■

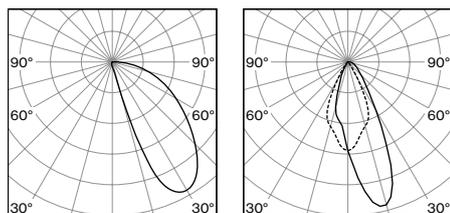|	
● white aluminium RAL 9006	G
○ traffic white RAL9016	7
● jet black RAL 9005	8

Options on request

COLOR RENDERING INDEX
CRI ≥ 95, 2 SDCM

CONTROL
Casambi

MOUNTING SET
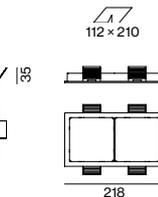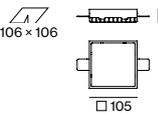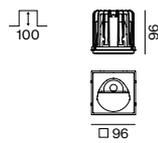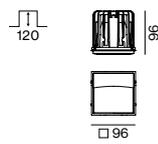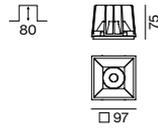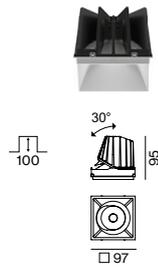acoustic soft ceilings

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 3000 K, CRI ≥ 90, colour white, wide flood 2700 K -5 %, 4000 K +5 %

SASSO 100 square

| | 30° | UGR ≤19 | CRI ≥90 | 2-SDCM | 500/700mA | ↑IP20 ↓IP44 | X-PERT | X-PERT |

ADJUSTABLE (↓IP 40 | ↑ IP 20)

INSET POWER		LUMINOUS FLUX	ORDER CODE
17.2 W 36 Vf 500 mA		1860 lm	048-2730⠿1◪▲
25 W 36 Vf 700 mA		2450 lm	048-2730⠿1◪▲
23.8 W 36 Vf 700 mA		CWD 2280 lm	048-2730E1◪▲

DOWNLIGHT (↓IP 44 | ↑ IP 20)

INSET POWER		LUMINOUS FLUX	ORDER CODE
17.2 W 36 Vf 500 mA	↓IP44	1890 lm	048-2710⠿1◪▲
25 W 36 Vf 700 mA	↓IP44	2500 lm	048-2710⠿1◪▲
23.8 W 36 Vf 700 mA	↓IP40	CWD 2290 lm	048-2710E1◪▲

| | CRI ≥90 | DALI 1 ADDR. | 500/700mA | X-PERT | X-PERT |

WALLWASHER (IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
17.3 W 36 Vf 500 mA	1540 lm	048-2750⠿1◪A
23.4 W 36 Vf 700 mA	2310 lm	048-2750⠿1◪A

WALLWASHER / FLOOR (IP 20)

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

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	ORDER CODE
1 lamp	048-279731■
2 lamps	048-279931■

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

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

TYPE	EFFICIENCY	L·W·H (mm)	ORDER CODE
500 mA	non DIM	η 88 %	143·43·30	002-90777
500 mA	DALI-2	η 88 %	143·43·30	002-90779
700 mA	non DIM	η 80 %	143·43·30	002-90774
700 mA	DALI-2	η 88 %	143·43·30	002-90776

THROUGH WIRING CONNECTION BOX

TYPE	L·W·H (mm)	ORDER CODE
non DIM cable ø 4–12 mm	105·58·30	005-2531110
DALI cable ø 4–12 mm	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_OUT 10–40 V	36·88·59	005-6121030

for more details and components see page 981