

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 125 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



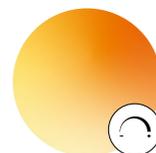
wallwasher and
ww floor inset



glare control
(UGR ≤ 16)



60 mm
recess depth



CWD
1800–3000 K



CRI ≥ 95
2 SDCM

Order options

COLOUR TEMPERATURE 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

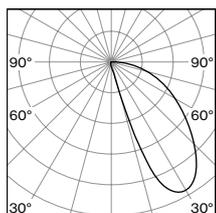
MOUNTING SET

acoustic soft ceilings

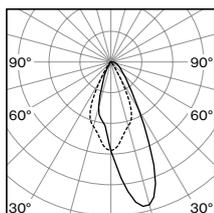
POWER SUPPLY

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%

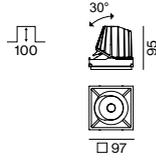


SASSO 100 square



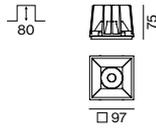
ADJUSTABLE (↓ IP 40 | ↑ IP 20)

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



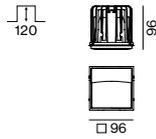
DOWNLIGHT (↓ IP 44 | ↑ IP 20)

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



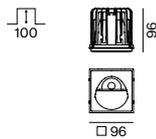
WALLWASHER (IP 20)

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)

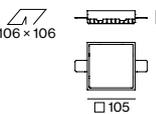
INSET POWER	LUMINOUS FLUX	ORDER CODE
16.3W 36 Vf 500mA	1700lm	048-2750::1
23.4W 36 Vf 700mA	2310lm	048-2750::2



Mounting accessories

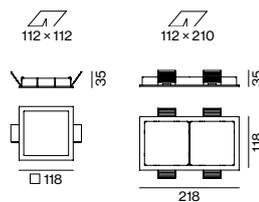
TRIMLESS MOUNTING SET for plasterboard ceilings 12.5/15/25 mm

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	η 88 %	143-43-30	002-90766
450 mA DALI-2	η 88 %	143-43-30	002-90767
650 mA non DIM	η 88 %	143-43-30	002-90780
650 mA DALI-2	η 88 %	143-43-30	002-90789
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 \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 _{OUT} 10-40V	36-88-59	005-6121030

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