

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



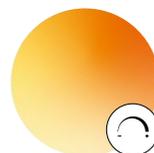
wallwasher and
ww floor inset



glare control
(UGR ≤ 16)



60 mm
recess depth



CWD
1800–3000 K



CRI ≥ 95
2 SDCM

Order options

COLOUR TEMPERATURE

2700K	9
3000K	0
3500K	2
4000K	1

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 1-10V



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 ▣ ▲
23.6W 36 Vf 650mA	2700lm	0 4 8 - 2 7 5 0 :: 1 ▣ ▲

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
○ traffic white RAL9016	0 4 8 - 2 7 9 7 1 1 7

MOUNTING SET WITH TRIM for intermediate ceilings 2-25 mm

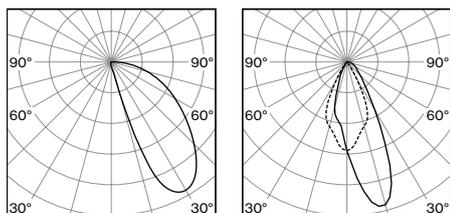
TYPE	COLOUR	ORDER CODE
1 lamp	● white aluminium RAL 9006	0 4 8 - 2 7 9 7 3 1 G
	○ traffic white RAL 9016	0 4 8 - 2 7 9 7 3 1 7
2 lamps	● jet black RAL 9005	0 4 8 - 2 7 9 7 3 1 8
	● white aluminium RAL 9006	0 4 8 - 2 7 9 9 3 1 G
	○ traffic white RAL 9016	0 4 8 - 2 7 9 9 3 1 7
	● jet black RAL 9005	0 4 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	η 88 %	97-43-21	002-90766
450mA DALI-2	η 88 %	97-43-30	002-90767
650mA non DIM	η 88 %	97-43-30	002-90780
650mA DALI-2	η 88 %	97-43-30	002-90789
700mA non DIM	η 88 %	97-43-30	002-90774
700mA DALI-2	η 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	η 88 %	002-90766A
450mA DALI-2	η 88 %	002-90767A
650mA non DIM	η 88 %	002-90780A
650mA DALI-2	η 88 %	002-90789A
700mA non DIM	η 88 %	002-90774A
700mA DALI-2	η 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 _{OUT} 10-40V	36-88-59	005-6121030

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