



## SASSO 100 round

recessed

**EN** Round 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** Runder 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, 4000 K, CWD  
 CRI ≥ 90, 2 SDCM  
 up to 120 lm/W  
 L80 @ 50000 h  
 non DIM, DALI-2  
 † IP44/† IP20

### Types



### Housing colours



### Inset colours



### Light distributions



rotatable 360°,  
tiltable 30°



wallwasher and  
ww floor inset



glare control  
(UGR ≤ 16)



80 mm  
recess depth



CWD  
1800-3000K



CRI ≥ 95  
2 SDCM

### Order options

<b>COLOUR TEMPERATURE</b>	
2700K	4
3000K	5
4000K	6
CWD 1800-3000K*	

\*only for DALI-2; not for DIN-RAIL LED Driver

<b>INSET COLOUR</b>	
○ traffic white RAL 9016 (UGR <sub>≤19</sub> )	7
● matt silver (UGR <sub>≤19</sub> )	4
● jet black RAL 9005 (UGR <sub>≤16</sub> )	1
● gold dust RAL 260-M (UGR <sub>≤19</sub> )	9

<b>BEAM ANGLE</b>	
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

<b>MATERIAL COLOUR</b>	
<b>MOUNTING SET</b>	
● white aluminium RAL 9006	G
○ traffic white RAL9016	7
● jet black RAL 9005	8

### Options on request

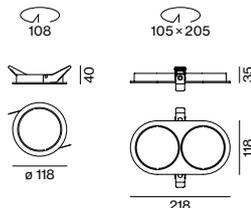
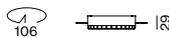
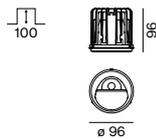
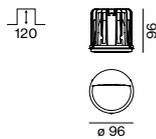
<b>COLOR RENDERING INDEX</b>	
CRI ≥ 95, 2 SDCM	

<b>CONTROL</b>	
Casambi	

<b>MOUNTING SET</b>	
acoustic soft ceilings	

<b>POWER SUPPLY</b>	
DIM 1-10V	

**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%



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#### ADJUSTABLE (↓ IP 40 | ↑ IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
17.2W 36 Vf 500mA	1850lm	0 4 8 - 2 7 2 0 :: 1
25W 36 Vf 700mA	2450lm	0 4 8 - 2 7 2 0 :: 1
23.8W 36 Vf 700mA	CWD 2280lm	0 4 8 - 2 7 2 0 E 1

#### DOWNLIGHT (↓ IP 44 | ↑ IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
17.2W 36 Vf 500mA	↓IP44 1830lm	0 4 8 - 2 7 0 0 :: 1
25W 36 Vf 700mA	↓IP44 2410lm	0 4 8 - 2 7 0 0 :: 1
23.8W 36 Vf 700mA	↓IP40 CWD 2240lm	0 4 8 - 2 7 0 0 E 1



#### WALLWASHER (IP20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
17.3W 36 Vf 500mA	1540lm	0 4 8 - 2 7 4 0 :: 1
25W 36 Vf 700mA	2050lm	0 4 8 - 2 7 4 0 :: 1

#### WALLWASHER/FLOOR (IP20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
16.3W 36 Vf 500mA	1700lm	0 4 8 - 2 7 4 0 :: 1
23.4W 36 Vf 700mA	2310lm	0 4 8 - 2 7 4 0 :: 1

### 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 6 1 1 7

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

TYPE	ORDER CODE
1 lamp	0 4 8 - 2 7 9 6 3 1
2 lamps	0 4 8 - 2 7 9 8 3 1

#### CONCRETE MOUNTING HOUSING

TYPE	L-W-H (mm)	ORDER CODE
exposed concrete ceilings	230-230-162	0 4 8 - 2 7 9 5 2 1 0
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** 220-240V AC, 50-60Hz, PC II

TYPE	EFFICIENCY	L-W-H (mm)	ORDER CODE
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	L-W-H (mm)	ORDER CODE
non DIM cable ø 4-12mm	105-58-30	0 0 5 - 2 5 3 1 1 1 0
DALI cable ø 4-12mm	105-58-30	0 0 5 - 2 5 5 1 1 1 0

#### DIN RAIL COMPONENTS

TYPE	W-H-D (mm)	ORDER CODE
POWER SUPPLY 220-240V AC	72-90-63	0 0 5 - 6 5 2 0 2 1 0
160W   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 <sub>OUT</sub> 10-40V		

for more details and components see page 981