



## 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

**FR** Spot rond 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 @ 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

### 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 <sub>≤</sub> 22) | 7 |
| ● matt silver (UGR <sub>≤</sub> 19)            | 4 |
| ● jet black RAL 9005 (UGR <sub>≤</sub> 16)     | 1 |
| ● chrome                                       | 2 |
| ● gold dust RAL 260-M (UGR <sub>≤</sub> 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

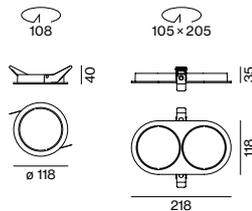
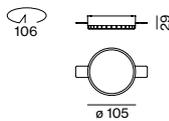
### POWER SUPPLY

DIM 1-10 V

**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%



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### ADJUSTABLE (↓ IP 40 | ↑ IP 20)

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

### DOWNLIGHT (↓ IP 44 | ↑ IP 20)

| INSET POWER         | LUMINOUS FLUX       | ORDER CODE                       |
|---------------------|---------------------|----------------------------------|
| 17.2 W 36 Vf 500 mA | ↓ IP 44 1830 lm     | 0 4 8 - 2 7 0 0 :: 1 [ ] [ ] [ ] |
| 25 W 36 Vf 700 mA   | ↓ IP 44 2410 lm     | 0 4 8 - 2 7 0 0 :: 1 [ ] [ ] [ ] |
| 23.8 W 36 Vf 700 mA | ↓ IP 40 CWD 2240 lm | 0 4 8 - 2 7 0 0 E 1 [ ] [ ] [ ]  |



### WALLWASHER (IP 20)

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

### WALLWASHER/FLOOR (IP 20)

| INSET POWER         | LUMINOUS FLUX | ORDER CODE                       |
|---------------------|---------------|----------------------------------|
| 16.3 W 36 Vf 500 mA | 1700 lm       | 0 4 8 - 2 7 4 0 :: 1 [ ] [ ] [ ] |
| 23.4 W 36 Vf 700 mA | 2310 lm       | 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** 220-240 V AC, 50-60 Hz, [ ] PC II

| TYPE             | EFFICIENCY | L-W-H (mm) | ORDER CODE        |
|------------------|------------|------------|-------------------|
| 500 mA   non DIM | η 88 %     | 143-43-30  | 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 4-12 mm | 105-58-30  | 0 0 5 - 2 5 3 1 1 1 0 |
| DALI cable ø 4-12 mm    | 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 220-240 V AC                  | 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 <sub>OUT</sub> 10-40V |            |                       |

for more details and components see page 981