



## 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  
1800–3000 K



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>≤22</sub> ) | 7 |
| ● matt silver (UGR <sub>≤19</sub> )            | 4 |
| ● jet black RAL 9005 (UGR <sub>≤16</sub> )     | 1 |
| ● chrome                                       | 2 |
| ● gold dust RAL 260-M (UGR <sub>≤19</sub> )    | 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            |   |
|----------------------------|---|
| ● 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 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 | ORDER CODE            |
|---|-----------------------|
| COLOUR ○ traffic white RAL9016                                | 0 4 8 - 2 7 9 6 1 1 7 |

| MOUNTING SET WITH TRIM for intermediate ceilings 2-25 mm | ORDER CODE                          |
|--|-------------------------------------|
| TYPE 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                             | ORDER CODE            |
|---|-----------------------|
| TYPE exposed concrete ceilings L-W-H (mm) 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               | ORDER CODE        |
|--|-------------------|
| TYPE 500 mA   non DIM EFFICIENCY η 88 % L-W-H (mm) 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                     | ORDER CODE            |
|---|-----------------------|
| TYPE non DIM cable ø 4-12 mm L-W-H (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                                | ORDER CODE            |
|--|-----------------------|
| TYPE POWER SUPPLY 220-240 V AC W-H-D (mm) 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