



## 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

**FR** Spot carré 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 @ 50 000 h  
 non DIM, DALI-2  
 † IP44/† IP20

### Types



### Housing colours



### Inset colours



### Light distributions



wallwasher and  
ww floor inset



glare control  
(UGR ≤ 16)



60 mm  
recess depth



CWD  
1800-3000K



CRI ≥ 95  
2 SDCM

### Order options

| COLOUR TEMPERATURE |   |
|--------------------|---|
| 2700K              | 4 |
| 3000K              | 5 |
| 4000K              | 6 |
| CWD 1800-3000K*    |   |

\*only for DALI-2

| INSET COLOUR   |   |
|--|---|
| <input type="radio"/> traffic white RAL 9016 (UGR <sub>≤22</sub> ) | 7 |
| <input type="radio"/> matt silver (UGR <sub>≤19</sub> )            | 4 |
| <input type="radio"/> jet black RAL 9005 (UGR <sub>≤16</sub> )     | 1 |
| <input type="radio"/> chrome                                       | 2 |
| <input type="radio"/> 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 MOUNTING SET                   |   |
|--|---|
| <input type="radio"/> white aluminium RAL 9006 | G |
| <input type="radio"/> traffic white RAL9016    | 7 |
| <input type="radio"/> 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   |  |

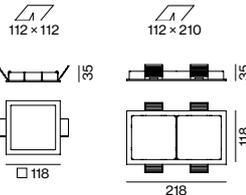
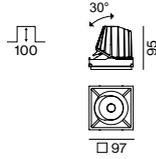
### Light distributions



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%



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#### ADJUSTABLE (↓ IP 40 | ↑ IP 20)

| INSET POWER       | LUMINOUS FLUX | ORDER CODE                       |
|-------------------|---------------|----------------------------------|
| 17.2W 36 Vf 500mA | 1860lm        | 0 4 8 - 2 7 3 0 :: 1 [ ] [ ] [ ] |
| 25W 36 Vf 700mA   | 2450lm        | 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                       |
|-------------------|------------------|----------------------------------|
| 17.2W 36 Vf 500mA | ↓IP44 1890lm     | 0 4 8 - 2 7 1 0 :: 1 [ ] [ ] [ ] |
| 25W 36 Vf 700mA   | ↓IP44 2500lm     | 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                       |
|-------------------|---------------|----------------------------------|
| 17.3W 36 Vf 500mA | 1540lm        | 0 4 8 - 2 7 5 0 :: 1 [ ] [ ] [ ] |
| 23.4W 36 Vf 700mA | 2310lm        | 0 4 8 - 2 7 5 0 :: 1 [ ] [ ] [ ] |

#### WALLWASHER/FLOOR (IP 20)

| INSET POWER       | LUMINOUS FLUX | ORDER CODE                       |
|-------------------|---------------|----------------------------------|
| 16.3W 36 Vf 500mA | 1700lm        | 0 4 8 - 2 7 5 0 :: 1 [ ] [ ] [ ] |
| 23.4W 36 Vf 700mA | 2310lm        | 0 4 8 - 2 7 5 0 :: 1 [ ] [ ] [ ] |

### Mounting accessories

| <b>TRIMLESS MOUNTING SET</b> for plasterboard ceilings 12.5/15/25 mm |                       |  |
|--|-----------------------|--|
| COLOUR   | ORDER CODE            |  |
| <input type="radio"/> traffic white RAL9016                          | 0 4 8 - 2 7 9 7 1 1 7 |  |

| <b>MOUNTING SET WITH TRIM</b> for intermediate ceilings 2-25 mm |                                 |  |
|---|---------------------------------|--|
| TYPE  | ORDER CODE                      |  |
| 1 lamp  | 0 4 8 - 2 7 9 7 3 1 [ ] [ ] [ ] |  |
| 2 lamps   | 0 4 8 - 2 7 9 9 3 1 [ ] [ ] [ ] |  |

| <b>CONCRETE MOUNTING HOUSING</b> |             |                       |
|----------------------------------|-------------|-----------------------|
| 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

### Electrical accessories

| <b>POWER SUPPLY</b> 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 |

| <b>THROUGH WIRING CONNECTION BOX</b> |            |                       |
|--------------------------------------|------------|-----------------------|
| 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 |

| <b>DIN RAIL COMPONENTS</b>                |            |                       |
|---|------------|-----------------------|
| 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       |            |                       |
| 2x 42W   48V DC   U <sub>OUT</sub> 10-40V |            |                       |

for more details and components see page 981