



## 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, 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

|                           |    |
|---------------------------|----|
| <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>≤</sub> 22) | 7 |
| ● matt silver (UGR <sub>≤</sub> 19)            | 4 |
| ● jet black RAL 9005 (UGR <sub>≤</sub> 16)     | 1 |
| ● gold dust RAL 260-M (UGR <sub>≤</sub> 19)    | 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 1–10 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 (IP20)

| INSET POWER       | LUMINOUS FLUX | ORDER CODE               |
|-------------------|---------------|--------------------------|
| 17.3W 36 Vf 500mA | 1540lm        | 0 4 8 - 2 7 5 0 :: 1 ☑ A |
| 23.4W 36 Vf 700mA | 2310lm        | 0 4 8 - 2 7 5 0 :: 1 ☑ A |

#### WALLWASHER/FLOOR (IP20)

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

### Mounting accessories

**TRIMLESS MOUNTING SET** for plasterboard ceilings 12.5/15/25 mm

|                         |                       |
|-------------------------|-----------------------|
| <b>COLOUR</b>           | <b>ORDER CODE</b>     |
| ☐ traffic white RAL9016 | 0 4 8 - 2 7 9 7 1 1 7 |

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

|             |                       |
|-------------|-----------------------|
| <b>TYPE</b> | <b>ORDER CODE</b>     |
| 1 lamp      | 0 4 8 - 2 7 9 7 3 1 ☑ |
| 2 lamps     | 0 4 8 - 2 7 9 9 3 1 ☑ |

#### CONCRETE MOUNTING HOUSING

|                           |                   |                       |
|---------------------------|-------------------|-----------------------|
| <b>COLOUR</b>             | <b>L-W-H (mm)</b> | <b>ORDER CODE</b>     |
| 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

|                         |                   |                       |
|-------------------------|-------------------|-----------------------|
| <b>TYPE</b>             | <b>L-W-H (mm)</b> | <b>ORDER CODE</b>     |
| 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

|   |                   |                       |
|---|-------------------|-----------------------|
| <b>TYPE</b>   | <b>W-H-D (mm)</b> | <b>ORDER CODE</b>     |
| POWER SUPPLY 220-240 V AC 160 W   48V DC constant voltage           | 72-90-63          | 0 0 5 - 6 5 2 0 2 1 0 |
| LED DRIVER DALI-2 DT6 1–2 addr. 200–1050 mA settable const. current | 36-88-59          | 0 0 5 - 6 1 2 1 0 3 0 |
| 2 × 42W   48V DC   U <sub>OUT</sub> 10–40V                          |                   |                       |

for more details and components see page 981