



## 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, 3500 K, 4000 K,  
CWD 1800–3000 K  
CRI ≥ 90, 2 SDCM  
up to 125 lm/W  
L80 @ 50 000 h  
non DIM, DALI-2  
↓ IP 44 / ↑ IP 20

### Types

|             |   |         |           |
|-------------|---|---------|-----------|
| trim        |  | 75      | 95 (edge) |
|             |   | □ 118   |           |
| trimless    |  | 75      | 95 (edge) |
|             |   | □ 97    |           |
| double trim |  | 75      | 95 (edge) |
|             |   | 218x118 |           |

### Housing colours



### Inset colours



### Light distributions



wallwasher and  
ww floor inset



glare control  
(UGR ≤ 16)



60 mm  
recess depth



CWD  
1800–3000 K



CRI ≥ 95  
2 SDCM

### Order options

#### COLOUR TEMPERATURE ADJ. / DOWNLIGHT / WW

|                 |   |
|-----------------|---|
| 2700K           | 9 |
| 3000K           | 0 |
| 3500K           | 2 |
| 4000K           | 1 |
| CWD 1800-3000K* |   |

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

#### COLOUR TEMPERATURE WALLWASHER FLOOR

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

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

#### 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"/> gold dust RAL 260-M (UGR <sub>≤19</sub> )    | 9 |

#### BEAM ANGLE

|                        |   |
|------------------------|---|
| spot 19°*              | S |
| medium 34°             | M |
| floor 45°*             | F |
| wide flood 65°         | W |
| super wide flood 70°** | X |

\*not available for CWD

\*\*only for inset colour white

### Options on request

#### COLOR RENDERING INDEX

CRI ≥ 95, 2 SDCM

#### CONTROL

Casambi

#### MOUNTING SET

acoustic soft ceilings

#### POWER SUPPLY

DIM 1-10V

### 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                       |
|-------------------|---------------|----------------------------------|
| 15.2W 36 Vf 450mA | 1760lm        | 0 4 8 - 2 7 3 0 :: 1 [ ] [ ] [ ] |
| 22.7W 36 Vf 650mA | 2420lm        | 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                       |
|-------------------|------------------|----------------------------------|
| 15.8W 36 Vf 450mA | ↓IP44 1770lm     | 0 4 8 - 2 7 1 0 :: 1 [ ] [ ] [ ] |
| 23.6W 36 Vf 650mA | ↓IP44 2430lm     | 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                       |
|-------------------|---------------|----------------------------------|
| 15.8W 36 Vf 450mA | 1750lm        | 0 4 8 - 2 7 5 0 :: 1 [ ] [ ] [ ] |
| 23.6W 36 Vf 650mA | 2700lm        | 0 4 8 - 2 7 5 0 :: 1 [ ] [ ] [ ] |

#### WALLWASHER / FLOOR (IP20)

| 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

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

| COLOUR                                      | ORDER CODE              |
|---|-------------------------|
| <input type="radio"/> traffic white RAL9016 | 0 4 8 - 2 7 9 7 1 1 1 7 |

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

| 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 [ ] [ ] [ ] |

#### CONCRETE MOUNTING HOUSING

| COLOUR                    | L-W-H (mm)  | ORDER CODE              |
|---------------------------|-------------|-------------------------|
| primed concrete ceilings* | 614-307-120 | 0 4 8 - 2 6 9 5 1 1 1 0 |

\*order mounting set separately, not applicable for 2 lamps mounting set with trim

### Electrical accessories

**POWER SUPPLY** 220-240V AC, 50-60 Hz, [ ] PC II

| TYPE            | EFFICIENCY | L-W-H (mm) | ORDER CODE        |
|-----------------|------------|------------|-------------------|
| 450mA   non DIM | η 88 %     | 143-43-30  | 0 0 2 - 9 0 7 6 6 |
| 450mA   DALI-2  | η 88 %     | 143-43-30  | 0 0 2 - 9 0 7 6 7 |
| 650mA   non DIM | η 88 %     | 143-43-30  | 0 0 2 - 9 0 7 8 0 |
| 650mA   DALI-2  | η 88 %     | 143-43-30  | 0 0 2 - 9 0 7 8 9 |
| 700mA   non DIM | η 80 %     | 143-43-30  | 0 0 2 - 9 0 7 7 4 |
| 700mA   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 1 0 |
| DALI cable ø 4-12mm    | 105-58-30  | 0 0 5 - 2 5 5 1 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 |
| 200-1050mA settable const. current        |            |                       |
| 2x 42W   48V DC   U <sub>OUT</sub> 10-40V |            |                       |

for more details and components see page 981