



## 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

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

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

| 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 |
| ● 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 1-10V    |  |

### 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%

### SASSO 100 square



#### 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 [ ] [ ] [ ] |
| 23.4W 36 Vf 700mA | 2310lm        | 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 12.5/15/25 mm |  |                       |
|---|--|-----------------------|
| COLOUR  |  | ORDER CODE            |
| ○ traffic white RAL9016                                       |  | 0 4 8 - 2 7 9 7 1 1 7 |

| MOUNTING SET WITH TRIM 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 [ ] |

| 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 0 |

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

### Electrical accessories

| POWER SUPPLY 220-240V AC, 50-60Hz, [ ] PC II |            |            |                   |
|--|------------|------------|-------------------|
| TYPE   | EFFICIENCY | L-W-H (mm) | ORDER CODE        |
| 500mA   non DIM                              | η 88 %     | 143-43-30  | 0 0 2 - 9 0 7 7 7 |
| 500mA   DALI-2                               | η 88 %     | 143-43-30  | 0 0 2 - 9 0 7 7 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 ø4-12mm         | 105-58-30  | 0 0 5 - 2 5 3 1 1 1 0 |
| DALI cable ø4-12mm            | 105-58-30  | 0 0 5 - 2 5 5 1 1 1 0 |

| DIN RAIL COMPONENTS  |          |                       |
|--|----------|-----------------------|
| TYPE   | W-H (mm) | ORDER CODE            |
| POWER SUPPLY 220-240V AC 160W   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. 200-1050mA settable const. current | 36-88-59 | 0 0 5 - 6 1 2 1 0 3 0 |
| 2x 42W   48V DC   U <sub>OUT</sub> 10-40V                          |          |                       |

for more details and components see page 981