



## 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

FI Faretto a incasso quadrato; set di fissaggio con cuscinetto a sfera, senza bisogno di utensili (con o senza bordo perimetrale); verniciatura; incasso possibile in vari telai; a scelta orientabile / fisso simmetrico o asimmetrico caratteristiche di emissione; varianti con emissione simmetrica: emissione precisa con ottica lenticolare di alta qualità; varianti a fascio asimmetrica: riflettore di alta qualità con superficie a microfacette e vaporizzata in alluminio; tecnologia COB (Chip on Board) per la massima efficienza (ADJUSTABLE e DOWNLIGHT); assenza di ombre multiple; LED efficienti con alta resa cromatica

### 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  
1800–3000 K



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-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