

## 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

**ES** Proyector empotrable cuadrado; instalación sin herramientas mediante kit de montaje (con o sin marco) con sistema inserción de bola; superficie lacada; posibilidad de instalar distintas carcasas; elección de la característica de radiación; ajustable o fija simétrica o asimétrica; variantes de radiación simétrica: proyección precisa con óptica de lente de alta calidad; variantes con emisión asimétrica: reflector de alta calidad con superficie de múltiples facetas revestida con aluminio por vaporización; Chip on Board que proporciona una máxima eficiencia (ADJUSTABLE y DOWNLIGHT); no sombras múltiples; LEDs de eficiencia que proporcionan una alta reproducción cromática

### Quickinfo

2700 K, 3000 K, 3500 K, 4000 K,  
CWD 1800–3000 K  
CRI ≥ 90, 2 SDCM  
up to 142 lm/W  
L80 @ 50 000 h  
non DIM, DALI-2  
↓ IP 44 / ↑ IP 20

### Types

|             |                                                                                     |                    |
|-------------|-------------------------------------------------------------------------------------|--------------------|
| trim        |  | 75<br>95<br>(adj.) |
|             | □ 118                                                                               |                    |
| trimless    |  | 75<br>95<br>(adj.) |
|             | □ 97                                                                                |                    |
| double trim |  | 75<br>95<br>(adj.) |
|             | 218x118                                                                             |                    |

### Housing colours



### Inset colours



### Light distributions



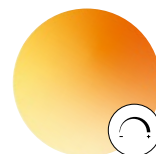
wallwasher and  
ww floor inset



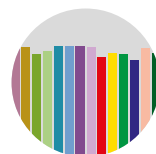
glare control  
(UGR ≤ 16)



60 mm  
recess depth



CWD  
1800–3000 K



CRI ≥ 95  
2 SDCM

## Order options

### COLOUR TEMPERATURE

|        |   |
|--------|---|
| 2700 K | 9 |
| 3000 K | 0 |
| 3500 K | 2 |
| 4000 K | 1 |

CWD 1800–3000 K\*

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

### INSET COLOUR

|                                     |   |
|-------------------------------------|---|
| ○ traffic white RAL 9016 (UGR ≤ 22) | 7 |
| ● matt silver (UGR ≤ 19)            | 4 |
| ● jet black RAL 9005 (UGR ≤ 16)     | 1 |
| ● gold dust RAL 260-M (UGR ≤ 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

## Options on request

### COLOR RENDERING INDEX

CRI ≥ 95, 2 SDCM

### CONTROL

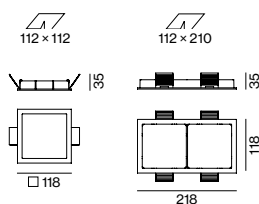
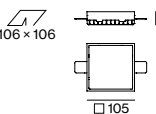
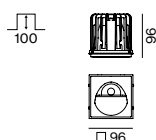
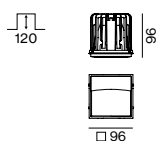
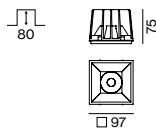
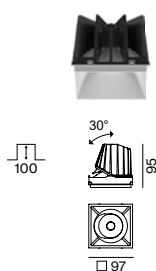
Casambi

### MOUNTING SET

acoustic soft ceilings

### POWER SUPPLY

DIM 1–10 V



## SASSO 100 square



### ADJUSTABLE (↓ IP 40 | ↑ IP 20)

| INSET POWER         | LUMINOUS FLUX | ORDER CODE               |
|---------------------|---------------|--------------------------|
| 15.2 W 36 Vf 450 mA | 1760 lm       | 0 4 8 - 2 7 3 0 :: 1 ■ ▲ |
| 22.7 W 36 Vf 650 mA | 2420 lm       | 0 4 8 - 2 7 3 0 :: 1 ■ ▲ |
| 23.8 W 36 Vf 700 mA | CWD 2280 lm   | 0 4 8 - 2 7 3 0 E 1 ■ ▲  |

### DOWNLIGHT (↓ IP 44 | ↑ IP 20)

| INSET POWER         | LUMINOUS FLUX       | ORDER CODE               |
|---------------------|---------------------|--------------------------|
| 15.8 W 36 Vf 450 mA | ↓ IP 44 1770 lm     | 0 4 8 - 2 7 1 0 :: 1 ■ ▲ |
| 23.6 W 36 Vf 650 mA | ↓ IP 44 2430 lm     | 0 4 8 - 2 7 1 0 :: 1 ■ ▲ |
| 23.8 W 36 Vf 700 mA | ↓ IP 40 CWD 2290 lm | 0 4 8 - 2 7 1 0 E 1 ■ ▲  |



### WALLWASHER (IP 20)

| INSET POWER         | LUMINOUS FLUX | ORDER CODE               |
|---------------------|---------------|--------------------------|
| 15.8 W 36 Vf 450 mA | 1750 lm       | 0 4 8 - 2 7 5 0 :: 1 ■ ▲ |
| 23.6 W 36 Vf 650 mA | 2700 lm       | 0 4 8 - 2 7 5 0 :: 1 ■ ▲ |

### WALLWASHER/FLOOR (IP 20)

| INSET POWER         | LUMINOUS FLUX | ORDER CODE               |
|---------------------|---------------|--------------------------|
| 14.6 W 36 Vf 450 mA | 1980 lm       | 0 4 8 - 2 7 5 0 :: 1 ■ ▲ |
| 21.5 W 36 Vf 650 mA | 2690 lm       | 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

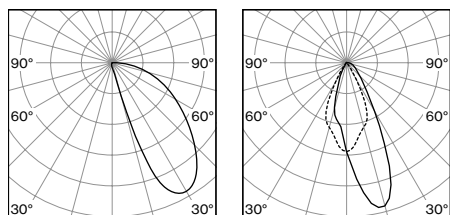
| TYPE    | COLOUR                     | ORDER CODE            |
|---------|----------------------------|-----------------------|
| 1 lamp  | ● white aluminium RAL 9006 | 0 4 8 - 2 7 9 7 3 1 G |
|         | ○ traffic white RAL 9016   | 0 4 8 - 2 7 9 7 3 1 7 |
| 2 lamps | ● jet black RAL 9005       | 0 4 8 - 2 7 9 7 3 1 8 |
|         | ● white aluminium RAL 9006 | 0 4 8 - 2 7 9 9 3 1 G |
|         | ○ traffic white RAL 9016   | 0 4 8 - 2 7 9 9 3 1 7 |
|         | ● jet black RAL 9005       | 0 4 8 - 2 7 9 9 3 1 8 |

### 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

## Light distributions



wallwasher

wallwasher floor

INSET POWER is the current

consumption excluding any ballast


LUMINOUS FLUX value calculated for

3000 K, CRI ≥ 90, colour white, wide flood

2700 K -5%, 4000 K +5%

## Electrical accessories

### SASSO 100

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

| TYPE             | EFFICIENCY  | L-W-H (mm) | ORDER CODE |
|------------------|-------------|------------|------------|
| 450 mA   non DIM | $\eta$ 88 % | 97-43-21   | 002-90766  |
| 450 mA   DALI-2  | $\eta$ 88 % | 97-43-30   | 002-90767  |
| 650 mA   non DIM | $\eta$ 88 % | 97-43-30   | 002-90780  |
| 650 mA   DALI-2  | $\eta$ 88 % | 97-43-30   | 002-90789  |
| 700 mA   non DIM | $\eta$ 88 % | 97-43-30   | 002-90774  |
| 700 mA   DALI-2  | $\eta$ 88 % | 97-43-30   | 002-90776  |

**POWER SUPPLY PRE-WIRED w. junction box** 220-240 V AC, 50-60 Hz,  PC II

| TYPE             | EFFICIENCY  | ORDER CODE |
|------------------|-------------|------------|
| 450 mA   non DIM | $\eta$ 88 % | 002-90766A |
| 450 mA   DALI-2  | $\eta$ 88 % | 002-90767A |
| 650 mA   non DIM | $\eta$ 88 % | 002-90780A |
| 650 mA   DALI-2  | $\eta$ 88 % | 002-90789A |
| 700 mA   non DIM | $\eta$ 88 % | 002-90774A |
| 700 mA   DALI-2  | $\eta$ 88 % | 002-90776A |

### THROUGH WIRING CONNECTION BOX

| TYPE                                | L-W-H (mm) | ORDER CODE  |
|-------------------------------------|------------|-------------|
| non DIM cable $\varnothing$ 4-12 mm | 105-58-30  | 005-2531110 |
| DALI cable $\varnothing$ 4-12 mm    | 105-58-30  | 005-2551110 |

Linect® ready

### DIN RAIL COMPONENTS

| TYPE                                                                                                                  | W-H-D (mm) | ORDER CODE  |
|-----------------------------------------------------------------------------------------------------------------------|------------|-------------|
| POWER SUPPLY 220-240 V AC<br>160 W   48 V DC constant voltage                                                         | 72-90-63   | 005-6520210 |
| LED DRIVER DALI-2 DT6 1-2 addr.<br>200-1050 mA settable const. current<br>2×42 W   48 V DC   U <sub>OUT</sub> 10-40 V | 36-88-59   | 005-6121030 |

for more details and components see catalog XAL 22, page 981