



## 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 142 lm/W  
L80 @ 50 000 h  
non DIM, DALI-2  
↓ IP 44 / ↑ IP 20

### Types

|             |   |         |           |
|-------------|---|---------|-----------|
| trim        |  | 75      | 95 (each) |
|             |   | □ 118   |           |
| trimless    |  | 75      | 95 (each) |
|             |   | □ 97    |           |
| double trim |  | 75      | 95 (each) |
|             |   | 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

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

CWD 1800-3000K\*

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

#### INSET COLOUR

|  |   |
|--|---|
| ○ traffic white RAL 9016 (UGR <sub>≤22</sub> ) | 7 |
| ● matt silver (UGR <sub>≤19</sub> )            | 4 |
| ● jet black RAL 9005 (UGR <sub>≤16</sub> )     | 1 |
| ● gold dust RAL 260-M (UGR <sub>≤19</sub> )    | 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 1-10V



### SASSO 100 square



#### ADJUSTABLE (↓ IP 40 | ↑ IP 20)

| INSET POWER       | LUMINOUS FLUX | ORDER CODE    |
|-------------------|---------------|---------------|
| 15.2W 36 Vf 450mA | 1760lm        | 048-2730::1▲▲ |
| 22.7W 36 Vf 650mA | 2420lm        | 048-2730::1▲▲ |
| 23.8W 36 Vf 700mA | CWD 2280lm    | 048-2730E1▲▲  |

#### DOWNLIGHT (↓ IP 44 | ↑ IP 20)

| INSET POWER       | LUMINOUS FLUX    | ORDER CODE    |
|-------------------|------------------|---------------|
| 15.8W 36 Vf 450mA | ↓IP44 1770lm     | 048-2710::1▲▲ |
| 23.6W 36 Vf 650mA | ↓IP44 2430lm     | 048-2710::1▲▲ |
| 23.8W 36 Vf 700mA | ↓IP40 CWD 2290lm | 048-2710E1▲▲  |



#### WALLWASHER (IP 20)

| INSET POWER       | LUMINOUS FLUX | ORDER CODE    |
|-------------------|---------------|---------------|
| 15.8W 36 Vf 450mA | 1750lm        | 048-2750::1▲A |
| 23.6W 36 Vf 650mA | 2700lm        | 048-2750::1▲A |

#### WALLWASHER/FLOOR (IP 20)

| INSET POWER       | LUMINOUS FLUX | ORDER CODE    |
|-------------------|---------------|---------------|
| 14.6W 36 Vf 450mA | 1980lm        | 048-2750::1▲W |
| 21.5W 36 Vf 650mA | 2690lm        | 048-2750::1▲W |

### Mounting accessories

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

| COLOUR                  | ORDER CODE  |
|-------------------------|-------------|
| ○ traffic white RAL9016 | 048-2797117 |

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

| TYPE    | COLOUR                     | ORDER CODE  |
|---------|----------------------------|-------------|
| 1 lamp  | ● white aluminium RAL 9006 | 048-279731G |
|         | ○ traffic white RAL 9016   | 048-2797317 |
| 2 lamps | ● jet black RAL 9005       | 048-2797318 |
|         | ● white aluminium RAL 9006 | 048-279931G |
|         | ○ traffic white RAL 9016   | 048-2799317 |
|         | ● jet black RAL 9005       | 048-2799318 |

#### CONCRETE MOUNTING HOUSING

| COLOUR                    | L-W-H (mm)  | ORDER CODE  |
|---------------------------|-------------|-------------|
| primed concrete ceilings* | 614-307-120 | 048-2695110 |

\*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

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

2700K -5%, 4000K +5%

## Electrical accessories

### SASSO 100

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

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

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

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

### THROUGH WIRING CONNECTION BOX

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

Linect® ready

### DIN RAIL COMPONENTS

| TYPE  | W-H-D (mm) | ORDER CODE  |
|---|------------|-------------|
| POWER SUPPLY 220-240V AC<br>160W   48V DC constant voltage  | 72-90-63   | 005-6520210 |
| LED DRIVER DALI-2 DT6 1-2 addr.<br>200-1050mA settable const. current<br>2x42W   48V DC   U <sub>OUT</sub> 10-40V | 36-88-59   | 005-6121030 |

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