



## SASSO 100 square adjustable

recessed 1 lamp

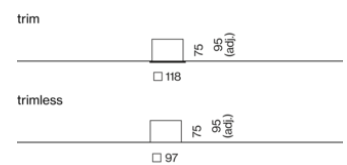
**EN** Square recessed spotlight; installation without tools in mounting set (trimless or with trim) with ball catch system; surface lacquered; installation possible in different housings; light inset tiltable; precise radiation characteristic due to high quality lens system; COB (Chip on Board) technology for maximum efficiency; 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; Lichteinsatz schwenkbar; präzise Abstrahlcharakteristik durch hochwertige Linsenoptik; COB (Chip on Board) Technologie für höchste Effizienz; keine Mehrfachschatten; effiziente LEDs mit sehr guter Farbwiedergabe

### Quickinfo

2700 K, 3000 K, 3500 K, 4000 K,  
colour warm dimming 1800 - 3000  
K, tunable white 1800 - 4000 K,  
tunable white 2700 - 6500 K  
CRI  $\geq$  90, CRI  $\geq$  92 / 2 SDCM  
(initial MacAdam), 3 SDCM (initial  
MacAdam)  
UGR  $\leq$  10, UGR  $\leq$  13, UGR  $\leq$  16,  
UGR  $\leq$  19  
bis zu 127 lm/W  
L85 / 50000 h, L90 / 100000 h  
DALI-2, nicht dimmbar  
front IP40, back IP20

### Types



### Farben



### Montage Set



### Lichtverteilung



glare control  
(UGR  $\leq$  16)



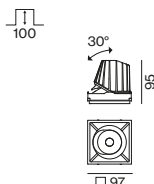
60 mm  
recessed depth



Colour Warm  
Dimming 1800 –  
3000 K



CRI  $\geq$  95 2  
SDCM  
(optional)



## SASSO 100 square adjustable (tunable white)



### MEDIUM 33°, DALI-2

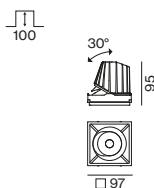
| SYSTEM | COLOUR TEMP.                         | LUM. FLUX | EFFICACY | ORDER CODE                                                |
|--------|--------------------------------------|-----------|----------|-----------------------------------------------------------|
| 24.1 W | 2700 - 6500 K (tunable w., CRI ≥ 92) | 1810 lm   | 75 lm/W  | 0 4 8 - 2 7 3 0 D 3 <input checked="" type="checkbox"/> M |
| 27.6 W | 1800 - 4000 K (tunable w., CRI ≥ 90) | 1990 lm   | 72 lm/W  | 0 4 8 - 2 7 3 0 L 3 <input checked="" type="checkbox"/> M |

The data values for the luminous flux of fraction may differ for specific order options by -6%. Luminous flux value refers to colour traffic white. DALI-2 power supply included

### WIDE FLOOD 53°, DALI-2

| SYSTEM | COLOUR TEMP.                         | LUM. FLUX | EFFICACY | ORDER CODE                                                |
|--------|--------------------------------------|-----------|----------|-----------------------------------------------------------|
| 24.1 W | 2700 - 6500 K (tunable w., CRI ≥ 92) | 1860 lm   | 77 lm/W  | 0 4 8 - 2 7 3 0 D 3 <input checked="" type="checkbox"/> W |
| 27.6 W | 1800 - 4000 K (tunable w., CRI ≥ 90) | 2050 lm   | 74 lm/W  | 0 4 8 - 2 7 3 0 L 3 <input checked="" type="checkbox"/> W |

DALI-2 power supply included



## SASSO 100 square adjustable



### SPOT 20°, CRI ≥ 90

| FIXTURE               | COLOUR TEMP. | LUM. FLUX | EFFICACY | ORDER CODE                                                |
|-----------------------|--------------|-----------|----------|-----------------------------------------------------------|
| 15.2 W, 36 Vf, 450 mA | 2700 K       | 1750 lm   | 115 lm/W | 0 4 8 - 2 7 3 0 9 1 <input checked="" type="checkbox"/> S |
|                       | 3000 K       | 1800 lm   | 118 lm/W | 0 4 8 - 2 7 3 0 0 1 <input checked="" type="checkbox"/> S |
|                       | 3500 K       | 1840 lm   | 121 lm/W | 0 4 8 - 2 7 3 0 2 1 <input checked="" type="checkbox"/> S |
|                       | 4000 K       | 1880 lm   | 124 lm/W | 0 4 8 - 2 7 3 0 1 1 <input checked="" type="checkbox"/> S |
| 22.7 W, 36 Vf, 650 mA | 2700 K       | 2400 lm   | 106 lm/W | 0 4 8 - 2 7 3 0 9 1 <input checked="" type="checkbox"/> S |
|                       | 3000 K       | 2440 lm   | 107 lm/W | 0 4 8 - 2 7 3 0 0 1 <input checked="" type="checkbox"/> S |
|                       | 3500 K       | 2490 lm   | 110 lm/W | 0 4 8 - 2 7 3 0 2 1 <input checked="" type="checkbox"/> S |
|                       | 4000 K       | 2550 lm   | 112 lm/W | 0 4 8 - 2 7 3 0 1 1 <input checked="" type="checkbox"/> S |

The data values for the luminous flux of fraction may differ for specific order options by -8%. Luminous flux value refers to colour traffic white.

### MEDIUM 31°-34°, CRI ≥ 90

| FIXTURE               | COLOUR TEMP. | LUM. FLUX | EFFICACY | ORDER CODE                                                |
|-----------------------|--------------|-----------|----------|-----------------------------------------------------------|
| 15.2 W, 36 Vf, 450 mA | 2700 K       | 1750 lm   | 115 lm/W | 0 4 8 - 2 7 3 0 9 1 <input checked="" type="checkbox"/> M |
|                       | 3000 K       | 1810 lm   | 119 lm/W | 0 4 8 - 2 7 3 0 0 1 <input checked="" type="checkbox"/> M |
|                       | 3500 K       | 1850 lm   | 121 lm/W | 0 4 8 - 2 7 3 0 2 1 <input checked="" type="checkbox"/> M |
|                       | 4000 K       | 1890 lm   | 124 lm/W | 0 4 8 - 2 7 3 0 1 1 <input checked="" type="checkbox"/> M |
| 22.7 W, 36 Vf, 650 mA | 2700 K       | 2410 lm   | 106 lm/W | 0 4 8 - 2 7 3 0 9 1 <input checked="" type="checkbox"/> M |
|                       | 3000 K       | 2450 lm   | 108 lm/W | 0 4 8 - 2 7 3 0 0 1 <input checked="" type="checkbox"/> M |
|                       | 3500 K       | 2500 lm   | 110 lm/W | 0 4 8 - 2 7 3 0 2 1 <input checked="" type="checkbox"/> M |
|                       | 4000 K       | 2560 lm   | 113 lm/W | 0 4 8 - 2 7 3 0 1 1 <input checked="" type="checkbox"/> M |
| 23.8 W, 700 mA        | CWD          | 2070 lm   | 87 lm/W  | 0 4 8 - 2 7 3 0 E 1 <input checked="" type="checkbox"/> M |

The data values for the luminous flux of fraction may differ for specific order options by -6%. Luminous flux value refers to colour traffic white, matt silver. CWD only for DALI-2; not for DIN-RAIL LED Driver

## Order options

| COLOUR                 | <input checked="" type="checkbox"/> | COLOUR          |          |
|------------------------|-------------------------------------|-----------------|----------|
| jet black RAL 9005     | 1                                   | white aluminium | RAL 9006 |
| matt silver            | 4                                   |                 |          |
| traffic white RAL 9016 | 7                                   |                 |          |
| gold dust RAL 260-M    | 9                                   |                 |          |

FLOOD 39°, CRI ≥ 90

| FIXTURE               | COLOUR TEMP. | LUM. FLUX | EFFICACY | ORDER CODE                                                |
|-----------------------|--------------|-----------|----------|-----------------------------------------------------------|
| 15.2 W, 36 Vf, 450 mA | 2700 K       | 1670 lm   | 110 lm/W | 0 4 8 - 2 7 3 0 9 1 <input checked="" type="checkbox"/> F |
|                       | 3000 K       | 1720 lm   | 113 lm/W | 0 4 8 - 2 7 3 0 0 1 <input checked="" type="checkbox"/> F |
|                       | 3500 K       | 1760 lm   | 116 lm/W | 0 4 8 - 2 7 3 0 2 1 <input checked="" type="checkbox"/> F |
|                       | 4000 K       | 1800 lm   | 118 lm/W | 0 4 8 - 2 7 3 0 1 1 <input checked="" type="checkbox"/> F |
| 22.7 W, 36 Vf, 650 mA | 2700 K       | 2300 lm   | 101 lm/W | 0 4 8 - 2 7 3 0 9 1 <input checked="" type="checkbox"/> F |
|                       | 3000 K       | 2330 lm   | 103 lm/W | 0 4 8 - 2 7 3 0 0 1 <input checked="" type="checkbox"/> F |
|                       | 3500 K       | 2390 lm   | 105 lm/W | 0 4 8 - 2 7 3 0 2 1 <input checked="" type="checkbox"/> F |
|                       | 4000 K       | 2440 lm   | 107 lm/W | 0 4 8 - 2 7 3 0 1 1 <input checked="" type="checkbox"/> F |

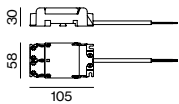
The data values for the luminous flux of fraction may differ for specific order options by -9%. Luminous flux value refers to colour traffic white.

WIDE FLOOD 51°-56°, CRI ≥ 90

| FIXTURE               | COLOUR TEMP. | LUM. FLUX | EFFICACY | ORDER CODE                                                |
|-----------------------|--------------|-----------|----------|-----------------------------------------------------------|
| 15.2 W, 36 Vf, 450 mA | 2700 K       | 1800 lm   | 118 lm/W | 0 4 8 - 2 7 3 0 9 1 <input checked="" type="checkbox"/> W |
|                       | 3000 K       | 1850 lm   | 121 lm/W | 0 4 8 - 2 7 3 0 0 1 <input checked="" type="checkbox"/> W |
|                       | 3500 K       | 1890 lm   | 124 lm/W | 0 4 8 - 2 7 3 0 2 1 <input checked="" type="checkbox"/> W |
|                       | 4000 K       | 1940 lm   | 127 lm/W | 0 4 8 - 2 7 3 0 1 1 <input checked="" type="checkbox"/> W |
| 22.7 W, 36 Vf, 650 mA | 2700 K       | 2470 lm   | 109 lm/W | 0 4 8 - 2 7 3 0 9 1 <input checked="" type="checkbox"/> W |
|                       | 3000 K       | 2500 lm   | 110 lm/W | 0 4 8 - 2 7 3 0 0 1 <input checked="" type="checkbox"/> W |
|                       | 3500 K       | 2560 lm   | 113 lm/W | 0 4 8 - 2 7 3 0 2 1 <input checked="" type="checkbox"/> W |
|                       | 4000 K       | 2620 lm   | 116 lm/W | 0 4 8 - 2 7 3 0 1 1 <input checked="" type="checkbox"/> W |
| 23.8 W, 700 mA        | CWD          | 2300 lm   | 97 lm/W  | 0 4 8 - 2 7 3 0 E 1 <input checked="" type="checkbox"/> W |

CWD only for DALI-2; not for DIN-RAIL LED Driver

Electrical mounting accessories (optional)

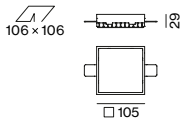


THROUGH WIRING CONNECTION BOX

| TYPE                      | L-W-H (mm) | ORDER CODE            |
|---------------------------|------------|-----------------------|
| non DIM cable ø 4 – 12 mm | 105-58-30  | 0 0 5 - 2 5 3 1 1 1 0 |
| DALI cable ø 4 – 12 mm    | 105-58-30  | 0 0 5 - 2 5 5 1 1 1 0 |

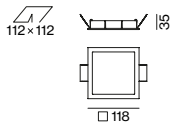
Linect®-Ready

Mounting accessories (required)



MOUNTING SET trimless for plasterboard ceilings

| COLOUR        | PLASTERBOARD CEILING THICKNESS | L-W-H (mm) | ORDER CODE            |
|---------------|--------------------------------|------------|-----------------------|
| traffic white | 12.5/15/25 mm                  | 105-105-29 | 0 4 8 - 2 7 9 7 1 1 7 |



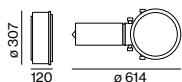
MOUNTING SET with trim for intermediate ceilings, 2-25 mm

| COLOUR          | L-W-H (mm) | ORDER CODE            |
|-----------------|------------|-----------------------|
| traffic white   | 118-118-35 | 0 4 8 - 2 7 9 7 3 1 7 |
| jet black       | 118-118-35 | 0 4 8 - 2 7 9 7 3 1 8 |
| white aluminium | 118-118-35 | 0 4 8 - 2 7 9 7 3 1 G |

Order options

| COLOUR                 | <input checked="" type="checkbox"/> | COLOUR                   |
|------------------------|-------------------------------------|--------------------------|
| jet black RAL 9005     | 1                                   | white aluminium RAL 9006 |
| matt silver            | 4                                   |                          |
| traffic white RAL 9016 | 7                                   |                          |
| gold dust RAL 260-M    | 9                                   |                          |

## Mounting accessories (optional)



### PRIMED CONCRETE MOUNTING HOUSING

L-W-H (mm)  
614-307-120

#### ORDER CODE

0 4 8 - 2 6 9 5 1 1 0

order mounting set separately

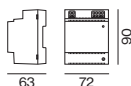
## Electrical accessories (required)

### POWER SUPPLY PC2

| TYPE                     | INPUT VOLTAGE | EFFICIENCY | L-W-H (mm) | ORDER CODE        |
|--------------------------|---------------|------------|------------|-------------------|
| 450 mA   21 W   non DIM  | 198-264 V AC  | η 86 %     | 143-43-30  | 0 0 2 - 9 0 7 6 6 |
| 450 mA   28 W   DALI-2   | 176-264 V AC  | η 85 %     | 143-43-30  | 0 0 2 - 9 0 7 6 7 |
| 700 mA   28 W   DALI-2   | 176-264 V AC  | η 85 %     | 143-43-30  | 0 0 2 - 9 0 7 7 6 |
| 650 mA   100 W   non DIM | 176-264 V AC  | η 92 %     | 143-43-30  | 0 0 2 - 9 0 7 8 0 |
| 650 mA   28 W   DALI-2   | 176-264 V AC  | η 85 %     | 143-43-30  | 0 0 2 - 9 0 7 8 9 |

2 power supplies for 2 lamps variants necessary

## Electrical accessories (optional)



### DIN RAIL POWER SUPPLY BASIC 48 V

| TYPE        | INPUT VOLTAGE | EFFICIENCY | L-W-H (mm) | ORDER CODE            |
|-------------|---------------|------------|------------|-----------------------|
| 160 W   PC2 | 220-240 V AC  | η 94 %     | 72-90-63   | 0 0 5 - 6 5 2 0 2 1 0 |

Lifetime >100.000h @ 120W, 45°C ambient temp., cascable max. 3 devices

### DIN RAIL LED DRIVER

| TYPE                                    | L-W-H (mm) | ORDER CODE            |
|-----------------------------------------|------------|-----------------------|
| DALI-2 DT6 1-2 addresses / DT8 1 adress | 36-88-59   | 0 0 5 - 6 1 2 1 0 3 0 |

200 - 1050mA settable const. current | 2×42W | 48V DC | U OUT 10–40V SELV

### POWER SUPPLY PRE-WIRED with junction box 28 W, PC2

| TYPE             | INPUT VOLTAGE | EFFICIENCY | ORDER CODE          |
|------------------|---------------|------------|---------------------|
| 450 mA   DALI-2  | 176-264 V AC  | η 85 %     | 0 0 2 - 9 0 7 6 7 A |
| 650 mA   DALI-2  | 176-264 V AC  | η 85 %     | 0 0 2 - 9 0 7 8 9 A |
| 700 mA   DALI-2  | 176-264 V AC  | η 85 %     | 0 0 2 - 9 0 7 7 6 A |
| 450 mA   non DIM | 198-264 V AC  | η 88 %     | 0 0 2 - 9 0 7 6 6 A |
| 650 mA   non DIM | 198-264 V AC  | η 88 %     | 0 0 2 - 9 0 7 8 0 A |
| 700 mA   non DIM | 198-264 V AC  | η 88 %     | 0 0 2 - 9 0 7 7 4 A |

2 power supplies for 2 lamps variants necessary

## Order options

### COLOUR

|                        |   |
|------------------------|---|
| jet black RAL 9005     | 1 |
| matt silver            | 4 |
| traffic white RAL 9016 | 7 |
| gold dust RAL 260-M    | 9 |



### COLOUR

white aluminium RAL 9006