

## SASSO 100 square high efficient down-light

recessed 1 lamp

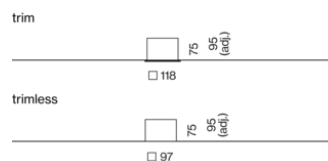
**EN** Square recessed spotlight; installation without tools in mounting set (trimless or with trim) with ball catch system; surface lacquered; installation possible in different housings; precise radiation characteristic due to high quality lens system; COB (Chip on Board) technology for maximum efficiency; 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; 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  
CRI  $\geq$  90 / 2 SDCM (initial MacAdam)  
UGR  $\leq$  10, UGR  $\leq$  13, UGR  $\leq$  16, UGR  $\leq$  19  
up to 144 lm/W  
L80 / 50000 h, L85 / 50000 h  
DALI-2, non DIM  
front IP44, back IP20

### Types



### Colours



### Mounting set



### Light distributions



glare control  
(UGR  $\leq$  16)



60 mm  
recessed depth



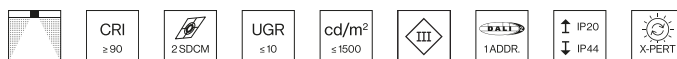
Colour Warm  
Dimming 1800 –  
3000 K



CRI  $\geq$  95 2  
SDCM  
(optional)



## SASSO 100 square high efficient downlight



### SPOT 20°, CRI ≥ 90

| FIXTURE               | COLOUR TEMP. | LUM. FLUX | EFFICACY | ORDER CODE                                                |
|-----------------------|--------------|-----------|----------|-----------------------------------------------------------|
| 15.5 W, 36 Vf, 450 mA | 2700 K       | 2020 lm   | 130 lm/W | 0 4 8 - 2 7 1 3 9 1 <input checked="" type="checkbox"/> S |
|                       | 3000 K       | 2100 lm   | 135 lm/W | 0 4 8 - 2 7 1 3 0 1 <input checked="" type="checkbox"/> S |
|                       | 4000 K       | 2130 lm   | 137 lm/W | 0 4 8 - 2 7 1 3 1 1 <input checked="" type="checkbox"/> S |
| 17.3 W, 36 Vf, 450 mA | 3500 K       | 2120 lm   | 123 lm/W | 0 4 8 - 2 7 1 3 2 1 <input checked="" type="checkbox"/> S |
| 23.2 W, 36 Vf, 650 mA | 2700 K       | 2680 lm   | 116 lm/W | 0 4 8 - 2 7 1 3 9 1 <input checked="" type="checkbox"/> S |
|                       | 3000 K       | 2790 lm   | 120 lm/W | 0 4 8 - 2 7 1 3 0 1 <input checked="" type="checkbox"/> S |
|                       | 4000 K       | 2830 lm   | 122 lm/W | 0 4 8 - 2 7 1 3 1 1 <input checked="" type="checkbox"/> S |
| 25.8 W, 36 Vf, 650 mA | 3500 K       | 2830 lm   | 110 lm/W | 0 4 8 - 2 7 1 3 2 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°, CRI ≥ 90

| FIXTURE               | COLOUR TEMP. | LUM. FLUX | EFFICACY | ORDER CODE                                                |
|-----------------------|--------------|-----------|----------|-----------------------------------------------------------|
| 15.5 W, 36 Vf, 450 mA | 2700 K       | 2090 lm   | 135 lm/W | 0 4 8 - 2 7 1 3 9 1 <input checked="" type="checkbox"/> M |
|                       | 3000 K       | 2180 lm   | 140 lm/W | 0 4 8 - 2 7 1 3 0 1 <input checked="" type="checkbox"/> M |
|                       | 4000 K       | 2210 lm   | 142 lm/W | 0 4 8 - 2 7 1 3 1 1 <input checked="" type="checkbox"/> M |
| 17.3 W, 36 Vf, 450 mA | 3500 K       | 2200 lm   | 128 lm/W | 0 4 8 - 2 7 1 3 2 1 <input checked="" type="checkbox"/> M |
| 23.2 W, 36 Vf, 650 mA | 2700 K       | 2780 lm   | 120 lm/W | 0 4 8 - 2 7 1 3 9 1 <input checked="" type="checkbox"/> M |
|                       | 3000 K       | 2890 lm   | 125 lm/W | 0 4 8 - 2 7 1 3 0 1 <input checked="" type="checkbox"/> M |
|                       | 4000 K       | 2940 lm   | 127 lm/W | 0 4 8 - 2 7 1 3 1 1 <input checked="" type="checkbox"/> M |
| 25.8 W, 36 Vf, 650 mA | 3500 K       | 2930 lm   | 114 lm/W | 0 4 8 - 2 7 1 3 2 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 matt silver.

### FLOOD 38°-39°, CRI ≥ 90

| FIXTURE               | COLOUR TEMP. | LUM. FLUX | EFFICACY | ORDER CODE                                                |
|-----------------------|--------------|-----------|----------|-----------------------------------------------------------|
| 15.5 W, 36 Vf, 450 mA | 2700 K       | 1980 lm   | 128 lm/W | 0 4 8 - 2 7 1 3 9 1 <input checked="" type="checkbox"/> F |
|                       | 3000 K       | 2060 lm   | 133 lm/W | 0 4 8 - 2 7 1 3 0 1 <input checked="" type="checkbox"/> F |
|                       | 4000 K       | 2090 lm   | 135 lm/W | 0 4 8 - 2 7 1 3 1 1 <input checked="" type="checkbox"/> F |
| 17.3 W, 36 Vf, 450 mA | 3500 K       | 2090 lm   | 121 lm/W | 0 4 8 - 2 7 1 3 2 1 <input checked="" type="checkbox"/> F |
| 23.2 W, 36 Vf, 650 mA | 2700 K       | 2630 lm   | 114 lm/W | 0 4 8 - 2 7 1 3 9 1 <input checked="" type="checkbox"/> F |
|                       | 3000 K       | 2740 lm   | 118 lm/W | 0 4 8 - 2 7 1 3 0 1 <input checked="" type="checkbox"/> F |
|                       | 4000 K       | 2780 lm   | 120 lm/W | 0 4 8 - 2 7 1 3 1 1 <input checked="" type="checkbox"/> F |
| 25.8 W, 36 Vf, 650 mA | 3500 K       | 2780 lm   | 108 lm/W | 0 4 8 - 2 7 1 3 2 1 <input checked="" type="checkbox"/> F |

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.

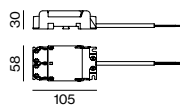
### WIDE FLOOD 54°-56°, CRI ≥ 90

| FIXTURE               | COLOUR TEMP. | LUM. FLUX | EFFICACY | ORDER CODE                                                |
|-----------------------|--------------|-----------|----------|-----------------------------------------------------------|
| 15.5 W, 36 Vf, 450 mA | 2700 K       | 2120 lm   | 137 lm/W | 0 4 8 - 2 7 1 3 9 1 <input checked="" type="checkbox"/> W |
|                       | 3000 K       | 2200 lm   | 142 lm/W | 0 4 8 - 2 7 1 3 0 1 <input checked="" type="checkbox"/> W |
|                       | 4000 K       | 2240 lm   | 144 lm/W | 0 4 8 - 2 7 1 3 1 1 <input checked="" type="checkbox"/> W |
| 17.3 W, 36 Vf, 450 mA | 3500 K       | 2230 lm   | 129 lm/W | 0 4 8 - 2 7 1 3 2 1 <input checked="" type="checkbox"/> W |
| 23.2 W, 36 Vf, 650 mA | 2700 K       | 2820 lm   | 122 lm/W | 0 4 8 - 2 7 1 3 9 1 <input checked="" type="checkbox"/> W |
|                       | 3000 K       | 2930 lm   | 127 lm/W | 0 4 8 - 2 7 1 3 0 1 <input checked="" type="checkbox"/> W |
|                       | 4000 K       | 2980 lm   | 128 lm/W | 0 4 8 - 2 7 1 3 1 1 <input checked="" type="checkbox"/> W |
| 25.8 W, 36 Vf, 650 mA | 3500 K       | 2970 lm   | 115 lm/W | 0 4 8 - 2 7 1 3 2 1 <input checked="" type="checkbox"/> W |

## Order options

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

## Electrical mounting accessories (optional)

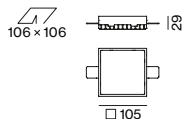


### THROUGH WIRING CONNECTION BOX

| 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 |

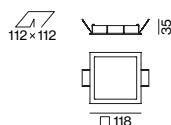
Linect®-Ready

## Mounting accessories (required)



### MOUNTING SET trimless for plasterboard ceilings

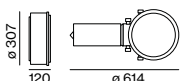
| COLOUR        | PLASTERBOARD CEILING THICKNESS | L-W-H (mm) | ORDER CODE            |
|---------------|--------------------------------|------------|-----------------------|
| traffic white | 12.5/15/25 mm                  | 105-105-29 | 0 4 8 - 2 7 9 7 1 1 7 |



### 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 |

## Mounting accessories (optional)



### PRIMED CONCRETE MOUNTING HOUSING

| L-W-H (mm)  | ORDER CODE            |
|-------------|-----------------------|
| 614-307-120 | 0 4 8 - 2 6 9 5 1 1 0 |

order mounting set separately

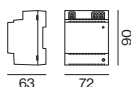
## Electrical accessories (required)

### 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 |
| 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 | 2x42W | 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