

## 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 ≥ 90, CRI ≥ 92 / 2 SDCM (initial MacAdam), 3 SDCM (initial MacAdam)
UGR ≤ 10, UGR ≤ 13, UGR ≤ 16, UGR ≤ 19
fino a 127 lm/W
L85 / 50000 h, L90 / 100000 h
DALI-2, non DIM
front IP40, IP44, back IP20

### Types



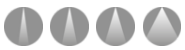

### Colours



### Set di montaggio



### Distribuzione della luce



# **SASSO 100** square downlight

recessed 2 lamps

EN Square recessed spotlight; installation without tools in mounting set with ball catch system; surface lacquered; with trim; double lamps; 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

IT Faretto a incasso quadrato; set di fissaggio con cuscinetto a sfera, senza bisogno di utensili; verniciatura; con bordo perimetrale; biemissione; emissione precisa con ottica lenticolare di alta qualità; tecnologia COB (Chip on Board) per la massima efficienza; assenza di ombre multiple; LED efficienti con alta resa cromatica

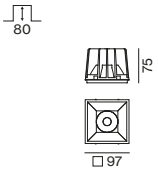

glare control (UGR ≤ 16)


60 mm recessed depth


Colour Warm Dimming 1800 – 3000 K


CRI ≥ 95 2 SDCM (optional)






## **SASSO 100** SQUARE DOWNLIGHT (TUNABLE WHITE)

TUNABLE WHITE | CRI ≥ 92 | UGR ≤ 22 | 220-240 V | 1 ADDR. | IP20 IP40 | X-PERT | X-PERT

**MEDIUM** 33°, DALI-2

| SYSTEM | COLOUR TEMP. | LUM. FLUX | EFFICACY | ORDER CODE |
|---|---|---|---|---|
| 41.0 W | tunable w. | 3380 lm | 82 lm/W | 0 4 8 - 2 7 1 0 ◪ 3 ◪ M |

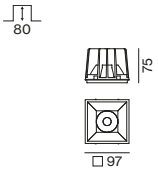
The data values for the luminous flux of fraction may differ for specific order options by -7%. Luminous flux value refers to colour matt silver colour temperature range 2700 - 6500 K. 2 insets necessary, order code only applies to 1 inset; DALI-2 power supply included

**WIDE FLOOD** 53°, DALI-2

| SYSTEM | COLOUR TEMP. | LUM. FLUX | EFFICACY | ORDER CODE |
|---|---|---|---|---|
| 41.0 W | tunable w. | 3450 lm | 84 lm/W | 0 4 8 - 2 7 1 0 ◪ 3 ◪ W |

2 insets necessary, order code only applies to 1 inset; DALI-2 power supply included






## **SASSO 100** SQUARE DOWNLIGHT

CRI ≥ 90 | 2 SDCM | UGR ≤ 10 | cd/m² ≤ 1500 | III | 1 ADDR. | IP20 IP44 | X-PERT

**SPOT** 20°, CRI ≥ 90

| FIXTURE | COLOUR TEMP. | LUM. FLUX | EFFICACY | ORDER CODE |
|---|---|---|---|---|
| 2x15.2 W, 36 Vf, 450 mA | 2700 K | 2x1710 lm | 112 lm/W | 0 4 8 - 2 7 1 0 9 1 ◪ S |
| | 3000 K | 2x1760 lm | 116 lm/W | 0 4 8 - 2 7 1 0 0 1 ◪ S |
| | 3500 K | 2x1800 lm | 118 lm/W | 0 4 8 - 2 7 1 0 2 1 ◪ S |
| | 4000 K | 2x1840 lm | 121 lm/W | 0 4 8 - 2 7 1 0 1 1 ◪ S |
| 2x22.7 W, 36 Vf, 650 mA | 2700 K | 2x2350 lm | 104 lm/W | 0 4 8 - 2 7 1 0 9 1 ◪ S |
| | 3000 K | 2x2390 lm | 105 lm/W | 0 4 8 - 2 7 1 0 0 1 ◪ S |
| | 3500 K | 2x2440 lm | 108 lm/W | 0 4 8 - 2 7 1 0 2 1 ◪ S |
| | 4000 K | 2x2500 lm | 110 lm/W | 0 4 8 - 2 7 1 0 1 1 ◪ 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. 2 insets necessary, order code only applies to 1 inset

**MEDIUM** 31°-34°, CRI ≥ 90

| FIXTURE | COLOUR TEMP. | LUM. FLUX | EFFICACY | ORDER CODE |
|---|---|---|---|---|
| 2x15.2 W, 36 Vf, 450 mA | 2700 K | 2x1770 lm | 116 lm/W | 0 4 8 - 2 7 1 0 9 1 ◪ M |
| | 3000 K | 2x1820 lm | 120 lm/W | 0 4 8 - 2 7 1 0 0 1 ◪ M |
| | 3500 K | 2x1870 lm | 123 lm/W | 0 4 8 - 2 7 1 0 2 1 ◪ M |
| | 4000 K | 2x1910 lm | 125 lm/W | 0 4 8 - 2 7 1 0 1 1 ◪ M |
| 2x22.7 W, 36 Vf, 650 mA | 2700 K | 2x2440 lm | 107 lm/W | 0 4 8 - 2 7 1 0 9 1 ◪ M |
| | 3000 K | 2x2470 lm | 109 lm/W | 0 4 8 - 2 7 1 0 0 1 ◪ M |
| | 3500 K | 2x2530 lm | 111 lm/W | 0 4 8 - 2 7 1 0 2 1 ◪ M |
| | 4000 K | 2x2590 lm | 114 lm/W | 0 4 8 - 2 7 1 0 1 1 ◪ M |
| 2x23.8 W, 700 mA | CWD | 2x2090 lm | 88 lm/W | 0 4 8 - 2 7 1 0 E 1 ◪ 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. 2 insets necessary, order code only applies to 1 inset; CWD only for DALI-2; not for DIN-RAIL LED Driver

### Order options

| COLOUR TEMPERATURE RANGE ◪ | |
|---|---|
| 2700 - 6500 K | D |
| 1800 - 4000 K | L |

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

**FLOOD** 38°-39°, CRI ≥ 90

| FIXTURE | COLOUR TEMP. | LUM. FLUX | EFFICACY | ORDER CODE |
|---|---|---|---|---|
| 2x15.2 W, 36 Vf, 450 mA | 2700 K | 2x1680 lm | 110 lm/W | 048-271091 F |
| | 3000 K | 2x1730 lm | 114 lm/W | 048-271001 F |
| | 3500 K | 2x1770 lm | 116 lm/W | 048-271021 F |
| | 4000 K | 2x1810 lm | 119 lm/W | 048-271011 F |
| 2x22.7 W, 36 Vf, 650 mA | 2700 K | 2x2310 lm | 102 lm/W | 048-271091 F |
| | 3000 K | 2x2340 lm | 103 lm/W | 048-271001 F |
| | 3500 K | 2x2400 lm | 106 lm/W | 048-271021 F |
| | 4000 K | 2x2450 lm | 108 lm/W | 048-271011 F |

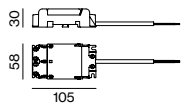
The data values for the luminous flux of fraction may differ for specific order options by -8%. Luminous flux value refers to colour traffic white. 2 insets necessary, order code only applies to 1 inset

**WIDE FLOOD** 51°-56°, CRI ≥ 90

| FIXTURE | COLOUR TEMP. | LUM. FLUX | EFFICACY | ORDER CODE |
|---|---|---|---|---|
| 2x15.2 W, 36 Vf, 450 mA | 2700 K | 2x1800 lm | 118 lm/W | 048-271091 W |
| | 3000 K | 2x1850 lm | 121 lm/W | 048-271001 W |
| | 3500 K | 2x1890 lm | 124 lm/W | 048-271021 W |
| | 4000 K | 2x1940 lm | 127 lm/W | 048-271011 W |
| 2x22.7 W, 36 Vf, 650 mA | 2700 K | 2x2470 lm | 109 lm/W | 048-271091 W |
| | 3000 K | 2x2510 lm | 110 lm/W | 048-271001 W |
| | 3500 K | 2x2560 lm | 113 lm/W | 048-271021 W |
| | 4000 K | 2x2620 lm | 116 lm/W | 048-271011 W |
| 2x23.8 W, 700 mA | CWD | 2x2310 lm | 97 lm/W | 048-2710E1 W |

The data values for the luminous flux of fraction may differ for specific order options by -9%. Luminous flux value refers to colour matt silver. 2 insets necessary, order code only applies to 1 inset; CWD only for DALI-2; not for DIN-RAIL LED Driver

## Electrical mounting accessories (optional)

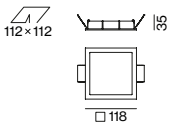



**THROUGH WIRING CONNECTION BOX**

| TYPE | L·W·H (mm) | ORDER CODE |
|---|---|---|
| non DIM cable ø 4 – 12 mm | 105·58·30 | 005-253110 |
| DALI cable ø 4 – 12 mm | 105·58·30 | 005-255110 |

Linect®-Ready

## Mounting accessories (required)




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

| L·W·H (mm) | ORDER CODE |
|---|---|
| 218·118·35 | 048-279931 1 |

## 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 | 002-90766 |
| 450 mA \| 28 W \| DALI-2 | 176-264 V AC | η 85 % | 143·43·30 | 002-90767 |
| 700 mA \| 28 W \| DALI-2 | 176-264 V AC | η 85 % | 143·43·30 | 002-90776 |
| 650 mA \| 28 W \| non DIM | 198-264 V AC | η 88 % | 143·43·30 | 002-90780 |

## Order options

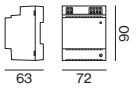
| COLOUR | |
|---|---|
| jet black RAL 9005 | 1 |
| matt silver | 4 |
| traffic white RAL 9016 | 7 |
| gold dust RAL 260-M | 9 |

| COLOUR | |
|---|---|
| traffic white RAL 9016 | 7 |
| jet black RAL 9005 | 8 |
| white aluminium RAL 9006 | G |

| TYPE | INPUT VOLTAGE | EFFICIENCY | L·W·H (mm) | ORDER CODE |
|---|---|---|---|---|
| 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 >100.000 h @ 120 W, 45°C ambient temp., cascadable 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 -1050 mA settable const. current | 2 × 42 W | 48 V DC | U OUT 10 – 40 V 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