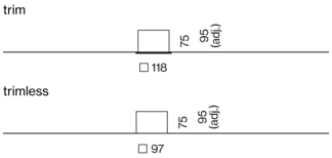


## Quickinfo

2700 K, 3000 K, 3500 K, 4000 K
CRI ≥ 90 / 2 SDCM (initial MacAdam)
UGR ≤ 10, UGR ≤ 13, UGR ≤ 16, UGR ≤ 19, UGR ≤ 22
fino a 144 lm/W
L80 / 50000 h, L85 / 50000 h
DALI-2, non DIM
front IP44, back IP20

### Types




### Colours



### Set di montaggio



### Distribuzione della luce



# **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

IT Faretto a incasso quadrato; set di fissaggio con cuscinetto a sfera, senza bisogno di utensili (con o senza bordo perimetrale); verniciatura; incasso possibile in vari telai; 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

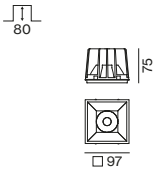


glare control (UGR ≤ 16)



60 mm recessed depth






## **SASSO 100** square high efficient downlight

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

### 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 | 048-271391 S |
| | 3000 K | 2100 lm | 135 lm/W | 048-271301 S |
| | 3500 K | 2120 lm | 137 lm/W | 048-271321 S |
| | 4000 K | 2130 lm | 137 lm/W | 048-271311 S |
| 23.2 W, 36 Vf, 650 mA | 2700 K | 2680 lm | 116 lm/W | 048-271391 S |
| | 3000 K | 2790 lm | 120 lm/W | 048-271301 S |
| | 3500 K | 2830 lm | 122 lm/W | 048-271321 S |
| | 4000 K | 2830 lm | 122 lm/W | 048-271311 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 | 048-271391 M |
| | 3000 K | 2180 lm | 140 lm/W | 048-271301 M |
| | 3500 K | 2200 lm | 142 lm/W | 048-271321 M |
| | 4000 K | 2210 lm | 142 lm/W | 048-271311 M |
| 23.2 W, 36 Vf, 650 mA | 2700 K | 2780 lm | 120 lm/W | 048-271391 M |
| | 3000 K | 2890 lm | 125 lm/W | 048-271301 M |
| | 3500 K | 2930 lm | 126 lm/W | 048-271321 M |
| | 4000 K | 2940 lm | 127 lm/W | 048-271311 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 | 048-271391 F |
| | 3000 K | 2060 lm | 133 lm/W | 048-271301 F |
| | 3500 K | 2090 lm | 135 lm/W | 048-271321 F |
| | 4000 K | 2090 lm | 135 lm/W | 048-271311 F |
| 23.2 W, 36 Vf, 650 mA | 2700 K | 2630 lm | 114 lm/W | 048-271391 F |
| | 3000 K | 2740 lm | 118 lm/W | 048-271301 F |
| | 3500 K | 2780 lm | 120 lm/W | 048-271321 F |
| | 4000 K | 2780 lm | 120 lm/W | 048-271311 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.

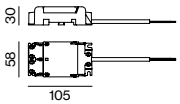
## Order options

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

**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 | 048-271391◪W |
| | 3000 K | 2200 lm | 142 lm/W | 048-271301◪W |
| | 3500 K | 2230 lm | 144 lm/W | 048-271321◪W |
| | 4000 K | 2240 lm | 144 lm/W | 048-271311◪W |
| 23.2 W, 36 Vf, 650 mA | 2700 K | 2820 lm | 122 lm/W | 048-271391◪W |
| | 3000 K | 2930 lm | 127 lm/W | 048-271301◪W |
| | 3500 K | 2970 lm | 128 lm/W | 048-271321◪W |
| | 4000 K | 2980 lm | 128 lm/W | 048-271311◪W |

## Electrical mounting accessories (optional)

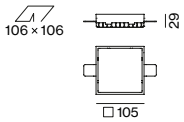



**THROUGH WIRING CONNECTION BOX**

| TYPE | L·W·H (mm) | ORDER CODE |
|---|---|---|
| non DIM cable ø 4 – 12 mm | 105·58·30 | 005-253111 0 |
| DALI cable ø 4 – 12 mm | 105·58·30 | 005-255111 0 |

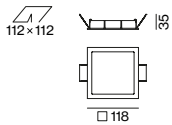
Linect®-Ready

## Mounting accessories (required)




**MOUNTING SET trimless** for plasterboard ceilings

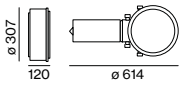
| COLOUR | PLASTERBOARD CEILING THICKNESS | L·W·H (mm) | ORDER CODE |
|---|---|---|---|
| traffic white | 12.5/15/25 mm | 105·105·29 | 048-279711 7 |




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

| COLOUR | L·W·H (mm) | ORDER CODE |
|---|---|---|
| traffic white | 118·118·35 | 048-279731 7 |
| jet black | 118·118·35 | 048-279731 8 |
| white aluminium | 118·118·35 | 048-279731 G |

## Mounting accessories (optional)




**PRIMED CONCRETE MOUNTING HOUSING**

| L·W·H (mm) | ORDER CODE |
|---|---|
| 614·307·120 | 048-269511 0 |

order mounting set separately

**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 |

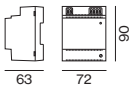
## Electrical accessories (required)

**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 |
| 650 mA \| 28 W \| non DIM | 198-264 V AC | η 88 % | 143·43·30 | 002-90780 |
| 650 mA \| 28 W \| DALI-2 | 176-264 V AC | η 85 % | 143·43·30 | 002-90789 |

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 | 005-65202 10 |

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 | 005-61210 30 |

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 % | 002-90767A |
| 650 mA \| DALI-2 | 176-264 V AC | η 85 % | 002-90789A |
| 700 mA \| DALI-2 | 176-264 V AC | η 85 % | 002-90776A |
| 450 mA \| non DIM | 198-264 V AC | η 88 % | 002-90766A |
| 650 mA \| non DIM | 198-264 V AC | η 88 % | 002-90780A |
| 700 mA \| non DIM | 198-264 V AC | η 88 % | 002-90774A |

2 power supplies for 2 lamps variants necessary