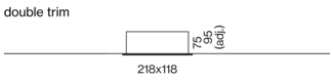


## Quickinfo

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
up to 124 lm/W
L85 / 50000 h, L90 / 100000 h
DALI-2, non DIM
front IP40, IP44, back IP20

### Types




### Colours



### Mounting set



### Light distributions



# **SASSO 100** round downlight

recessed 2 lamps

EN Round 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

DE Runder Einbaustrahler; werkzeuglose Montage im Montageset durch Kugelschnappsystem; Oberfläche lackiert; mit umlaufendem Rand; zweiflammig; präzise Abstrahlcharakteristik durch hochwertige Linsenoptik; COB (Chip on Board) Technologie für höchste Effizienz; keine Mehrfachschatten; effiziente LEDs mit sehr guter Farbwiedergabe



glare control
(UGR ≤ 16)

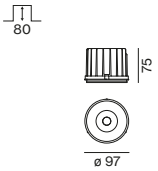


Colour Warm Dimming 1800 – 3000 K



CRI ≥ 95 2 SDCM (optional)






## **SASSO 100** round 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. | 3290 lm | 80 lm/W | 048 - 2700 ◪ 3 ◪ M |

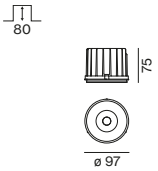
The data values for the luminous flux of fraction may differ for specific order options by -6%. Luminous flux value refers to colour matt silver colour temperature range 2700 - 6500 K. 2 insets necessary, order code only applies to 1 inset; DALI-2 power supply included

**WIDE FLOOD** 53°, DALI-2

| SYSTEM | COLOUR TEMP. | LUM. FLUX | EFFICACY | ORDER CODE |
|---|---|---|---|---|
| 41.0 W | tunable w. | 3370 lm | 82 lm/W | 048 - 2700 ◪ 3 ◪ W |

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






## **SASSO 100** round 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 | 2x1670 lm | 110 lm/W | 048 - 2700 91 ◪ S |
| | 3000 K | 2x1720 lm | 113 lm/W | 048 - 2700 01 ◪ S |
| | 3500 K | 2x1760 lm | 116 lm/W | 048 - 2700 21 ◪ S |
| | 4000 K | 2x1800 lm | 118 lm/W | 048 - 2700 11 ◪ S |
| 2x22.7 W, 36 Vf, 650 mA | 2700 K | 2x2300 lm | 101 lm/W | 048 - 2700 91 ◪ S |
| | 3000 K | 2x2330 lm | 103 lm/W | 048 - 2700 01 ◪ S |
| | 3500 K | 2x2380 lm | 105 lm/W | 048 - 2700 21 ◪ S |
| | 4000 K | 2x2440 lm | 107 lm/W | 048 - 2700 11 ◪ 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 | 2x1730 lm | 114 lm/W | 048 - 2700 91 ◪ M |
| | 3000 K | 2x1780 lm | 117 lm/W | 048 - 2700 01 ◪ M |
| | 3500 K | 2x1820 lm | 120 lm/W | 048 - 2700 21 ◪ M |
| | 4000 K | 2x1860 lm | 122 lm/W | 048 - 2700 11 ◪ M |
| 2x22.7 W, 36 Vf, 650 mA | 2700 K | 2x2380 lm | 105 lm/W | 048 - 2700 91 ◪ M |
| | 3000 K | 2x2410 lm | 106 lm/W | 048 - 2700 01 ◪ M |
| | 3500 K | 2x2470 lm | 109 lm/W | 048 - 2700 21 ◪ M |
| | 4000 K | 2x2520 lm | 111 lm/W | 048 - 2700 11 ◪ M |
| 2x23.8 W, 700 mA | CWD | 2x2040 lm | 86 lm/W | 048 - 2700 E1 ◪ 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 | 2x1650 lm | 108 lm/W | 048-270091 F |
| | 3000 K | 2x1700 lm | 111 lm/W | 048-270001 F |
| | 3500 K | 2x1740 lm | 114 lm/W | 048-270021 F |
| | 4000 K | 2x1780 lm | 117 lm/W | 048-270011 F |
| 2x22.7 W, 36 Vf, 650 mA | 2700 K | 2x2270 lm | 100 lm/W | 048-270091 F |
| | 3000 K | 2x2300 lm | 101 lm/W | 048-270001 F |
| | 3500 K | 2x2350 lm | 104 lm/W | 048-270021 F |
| | 4000 K | 2x2410 lm | 106 lm/W | 048-270011 F |

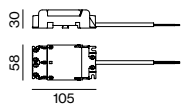
The data values for the luminous flux of fraction may differ for specific order options by -9%. Luminous flux value refers to colour traffic white. 2 insets necessary, order code only applies to 1 inset

**WIDE FLOOD** 51°-56°, CRI ≥ 90

| FIXTURE | COLOUR TEMP. | LUM. FLUX | EFFICACY | ORDER CODE |
|---|---|---|---|---|
| 2x15.2 W, 36 Vf, 450 mA | 2700 K | 2x1760 lm | 115 lm/W | 048-270091 W |
| | 3000 K | 2x1810 lm | 119 lm/W | 048-270001 W |
| | 3500 K | 2x1850 lm | 122 lm/W | 048-270021 W |
| | 4000 K | 2x1890 lm | 124 lm/W | 048-270011 W |
| 2x22.7 W, 36 Vf, 650 mA | 2700 K | 2x2420 lm | 106 lm/W | 048-270091 W |
| | 3000 K | 2x2450 lm | 108 lm/W | 048-270001 W |
| | 3500 K | 2x2510 lm | 111 lm/W | 048-270021 W |
| | 4000 K | 2x2570 lm | 113 lm/W | 048-270011 W |
| 2x23.8 W, 700 mA | CWD | 2x2260 lm | 95 lm/W | 048-2700E1 W |

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)

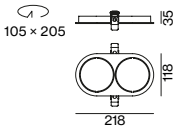



**THROUGH WIRING CONNECTION BOX**

| 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 | 048-279831 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 | 002-907666 |
| 450 mA \| 28 W \| DALI-2 | 176-264 V AC | η 85 % | 143·43·30 | 002-907677 |
| 700 mA \| 28 W \| DALI-2 | 176-264 V AC | η 85 % | 143·43·30 | 002-907776 |
| 650 mA \| 28 W \| non DIM | 198-264 V AC | η 88 % | 143·43·30 | 002-907800 |

**Order options**

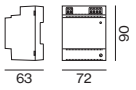
| COLOUR | |
|---|---|
| jet black RAL 9005 | 1 |
| matt silver | 4 |
| traffic white RAL 9016 | 7 |
| gold dust RAL 260-M | 9 |

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

2 power supplies for 2 lamps variants necessary

## Optical accessories (optional)




**HONEYCOMB LOUVER** for BO 55 | JUST 55 | SASSO 100

| COLOUR | Ø·H (mm) | ORDER CODE |
|---|---|---|
| jet black | 50·3 | 007-19655 98 |