



SASSO 100 square

recessed

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; choice of adjustable / fixed symmetric or asymmetric radiation characteristic; variants with symmetric radiation characteristic: precise radiation characteristic due to high quality lens system; variants with asymmetric radiation characteristic: high-quality reflector with micro-faceted, aluminum-vaporised surface; COB (Chip on Board) technology for maximum efficiency (ADJUSTABLE and DOWNLIGHT); 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; a scelta orientabile / fisso simmetrico o asimmetrico caratteristiche di emissione; varianti con emissione simmetrica: emissione precisa con ottica lenticolare di alta qualità; varianti a fascio asimmetrica: riflettore di alta qualità con superficie a microfacette e vaporizzata in alluminio; tecnologia COB (Chip on Board) per la massima efficienza (ADJUSTABLE e DOWNLIGHT); assenza di ombre multiple; LED efficienti con alta resa cromatica

Quickinfo

2700 K, 3000 K, 3500 K, 4000 K,
CWD 1800–3000 K
CRI ≥ 90, 2 SDCM
up to 125 lm/W
L80 @ 50 000 h
non DIM, DALI-2
↓ IP 44 / ↑ IP 20

Types

| | | | |
|-------------|-------------------------------------------------------------------------------------|---------|------------|
| trim |  | 75 | 95 (total) |
| | | □ 118 | |
| trimless |  | 75 | 95 (total) |
| | | □ 97 | |
| double trim |  | 75 | 95 (total) |
| | | 218x118 | |

Housing colours



Inset colours



Light distributions



wallwasher and
ww floor inset



glare control
(UGR ≤ 16)



60 mm
recess depth



CWD
1800–3000 K



CRI ≥ 95
2 SDCM

Order options

COLOUR TEMPERATURE ADJ. / DOWNLIGHT / WW

| | |
|-----------------|---|
| 2700K | 9 |
| 3000K | 0 |
| 3500K | 2 |
| 4000K | 1 |
| CWD 1800-3000K* | |

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

COLOUR TEMPERATURE WALLWASHER FLOOR

| | |
|-----------------|---|
| 2700K | 4 |
| 3000K | 5 |
| 4000K | 6 |
| CWD 1800-3000K* | |

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

INSET COLOUR

| | |
|-------------------------------------|---|
| ○ traffic white RAL 9016 (UGR ≤ 22) | 7 |
| ● matt silver (UGR ≤ 19) | 4 |
| ● jet black RAL 9005 (UGR ≤ 16) | 1 |
| ● gold dust RAL 260-M (UGR ≤ 19) | 9 |

BEAM ANGLE

| | |
|--------------------------|---|
| spot 19°* | S |
| medium 34° | M |
| flood 45°* | F |
| wide flood 65° | W |
| super wide flood 70°* ** | X |

*not available for CWD

**only for inset colour white

Options on request

COLOR RENDERING INDEX

CRI ≥ 95, 2 SDCM

CONTROL

Casambi

MOUNTING SET

acoustic soft ceilings

POWER SUPPLY

DIM 1-10 V

Light distributions



wallwasher



wallwasher floor

INSET POWER is the current

consumption excluding any ballast

LUMINOUS FLUX value calculated for

3000K, CRI ≥ 90, colour white, wide flood

2700K -5%, 4000K +5%



SASSO 100 square



ADJUSTABLE (↓ IP 40 | ↑ IP 20)

| INSET POWER | LUMINOUS FLUX | ORDER CODE |
|-------------------|---------------|--------------------------|
| 15.2W 36 Vf 450mA | 1760lm | 0 4 8 - 2 7 3 0 :: 1 □ ▲ |
| 22.7W 36 Vf 650mA | 2420lm | 0 4 8 - 2 7 3 0 :: 1 □ ▲ |
| 23.8W 36 Vf 700mA | CWD 2280lm | 0 4 8 - 2 7 3 0 E 1 □ ▲ |

DOWNLIGHT (↓ IP 44 | ↑ IP 20)

| INSET POWER | LUMINOUS FLUX | ORDER CODE |
|-------------------|------------------|--------------------------|
| 15.8W 36 Vf 450mA | ↓IP44 1770lm | 0 4 8 - 2 7 1 0 :: 1 □ ▲ |
| 23.6W 36 Vf 650mA | ↓IP44 2430lm | 0 4 8 - 2 7 1 0 :: 1 □ ▲ |
| 23.8W 36 Vf 700mA | ↓IP40 CWD 2290lm | 0 4 8 - 2 7 1 0 E 1 □ ▲ |



WALLWASHER (IP 20)

| INSET POWER | LUMINOUS FLUX | ORDER CODE |
|-------------------|---------------|--------------------------|
| 15.8W 36 Vf 450mA | 1750lm | 0 4 8 - 2 7 5 0 :: 1 □ A |
| 23.6W 36 Vf 650mA | 2700lm | 0 4 8 - 2 7 5 0 :: 1 □ A |

WALLWASHER/FLOOR (IP 20)

| INSET POWER | LUMINOUS FLUX | ORDER CODE |
|-------------------|---------------|--------------------------|
| 16.3W 36 Vf 500mA | 1700lm | 0 4 8 - 2 7 5 0 :: 1 □ W |
| 23.4W 36 Vf 700mA | 2310lm | 0 4 8 - 2 7 5 0 :: 1 □ W |

Mounting accessories

TRIMLESS MOUNTING SET for plasterboard ceilings 12.5/15/25 mm

| COLOUR | ORDER CODE |
|-------------------------|-----------------------|
| ○ traffic white RAL9016 | 0 4 8 - 2 7 9 7 1 1 7 |

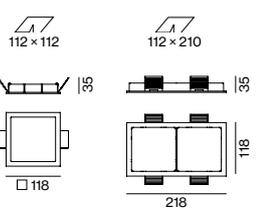
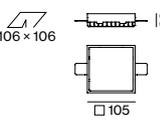
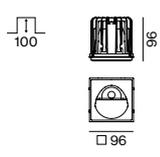
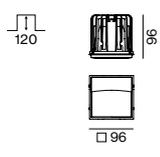
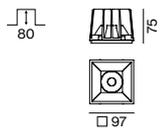
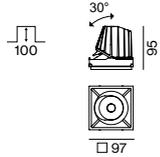
MOUNTING SET WITH TRIM for intermediate ceilings 2-25 mm

| TYPE | COLOUR | ORDER CODE |
|---------|----------------------------|-----------------------|
| 1 lamp | ● white aluminium RAL 9006 | 0 4 8 - 2 7 9 7 3 1 G |
| | ○ traffic white RAL 9016 | 0 4 8 - 2 7 9 7 3 1 7 |
| 2 lamps | ● jet black RAL 9005 | 0 4 8 - 2 7 9 7 3 1 8 |
| | ● white aluminium RAL 9006 | 0 4 8 - 2 7 9 9 3 1 G |
| | ○ traffic white RAL 9016 | 0 4 8 - 2 7 9 9 3 1 7 |
| | ● jet black RAL 9005 | 0 4 8 - 2 7 9 9 3 1 8 |

CONCRETE MOUNTING HOUSING

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

*order mounting set separately, not applicable for 2 lamps mounting set with trim



Electrical accessories

SASSO 100

POWER SUPPLY 220-240 V AC, 50-60Hz, PC II

| TYPE | EFFICIENCY | L-W-H (mm) | ORDER CODE |
|------------------|-------------|------------|------------|
| 450 mA non DIM | η 88 % | 143-43-30 | 002-90766 |
| 450 mA DALI-2 | η 88 % | 143-43-30 | 002-90767 |
| 650 mA non DIM | η 88 % | 143-43-30 | 002-90780 |
| 650 mA DALI-2 | η 88 % | 143-43-30 | 002-90789 |
| 700 mA non DIM | η 80 % | 143-43-30 | 002-90774 |
| 700 mA DALI-2 | η 88 % | 143-43-30 | 002-90776 |

THROUGH WIRING CONNECTION BOX

| TYPE | L-W-H (mm) | ORDER CODE |
|------------------------------------|------------|-------------|
| non DIM cable \varnothing 4-12mm | 105-58-30 | 005-2531110 |
| DALI cable \varnothing 4-12mm | 105-58-30 | 005-2551110 |

DIN RAIL COMPONENTS

| TYPE | W-H-D (mm) | ORDER CODE |
|----------------------------------------------------------------------------------------------------------------------|------------|-------------|
| POWER SUPPLY 220-240 V AC 160 W 48V DC constant voltage | 72-90-63 | 005-6520210 |
| LED DRIVER DALI-2 DT6 1-2 addr. 200-1050 mA settable const. current 2 × 42W 48V DC U _{OUT} 10-40V | 36-88-59 | 005-6121030 |

for more details and components see catalog XAL 22, page 981