



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

DE Quadratischer Einbaustrahler; werkzeuglose Montage im Montageset (randlos oder mit umlaufendem Rand) durch Kugelschnappsystem; Oberfläche lackiert; Einbau in unterschiedlichen Gehäusen möglich; wahlweise einstellbar / starr symmetrische oder asymmetrische Abstrahlcharakteristik; symmetrisch strahlende Varianten: präzise Abstrahlcharakteristik durch hochwertige Linsenoptik; asymmetrische strahlende Varianten: hochwertiger Reflektor mit mikrofacettierter, aluminiumbedampfter Oberfläche; COB (Chip on Board) Technologie für höchste Effizienz (ADJUSTABLE und DOWNLIGHT); keine Mehrfachschatten; effiziente LEDs mit sehr guter Farbwiedergabe

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 (each) |
| | | □ 118 | |
| trimless |  | 75 | 95 (each) |
| | | □ 97 | |
| double trim |  | 75 | 95 (each) |
| | | 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

| | |
|--|---|
| <input type="radio"/> traffic white RAL 9016 (UGR _{≤22}) | 7 |
| <input type="radio"/> matt silver (UGR _{≤19}) | 4 |
| <input type="radio"/> jet black RAL 9005 (UGR _{≤16}) | 1 |
| <input type="radio"/> gold dust RAL 260-M (UGR _{≤19}) | 9 |

BEAM ANGLE

| | |
|------------------------|---|
| spot 19°* | S |
| medium 34° | M |
| floor 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 1-10V

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 (IP20)

| 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 (IP20)

| 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 12.5/15/25mm

| COLOUR | ORDER CODE |
|---|-----------------------|
| <input type="radio"/> traffic white RAL9016 | 0 4 8 - 2 7 9 7 1 1 7 |

MOUNTING SET WITH TRIM for intermediate ceilings 2-25mm

| TYPE | ORDER CODE |
|---------|-----------------------|
| 1 lamp | 0 4 8 - 2 7 9 7 3 1 ■ |
| 2 lamps | 0 4 8 - 2 7 9 9 3 1 ■ |

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

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

| TYPE | EFFICIENCY | L-W-H (mm) | ORDER CODE |
|-----------------|------------|------------|-------------------|
| 450mA non DIM | η 88 % | 143-43-30 | 0 0 2 - 9 0 7 6 6 |
| 450mA DALI-2 | η 88 % | 143-43-30 | 0 0 2 - 9 0 7 6 7 |
| 650mA non DIM | η 88 % | 143-43-30 | 0 0 2 - 9 0 7 8 0 |
| 650mA DALI-2 | η 88 % | 143-43-30 | 0 0 2 - 9 0 7 8 9 |
| 700mA non DIM | η 80 % | 143-43-30 | 0 0 2 - 9 0 7 7 4 |
| 700mA DALI-2 | η 88 % | 143-43-30 | 0 0 2 - 9 0 7 7 6 |

THROUGH WIRING CONNECTION BOX

| TYPE | L-W-H (mm) | ORDER CODE |
|-----------------------|------------|-----------------------|
| non DIM cable ø4-12mm | 105-58-30 | 0 0 5 - 2 5 3 1 1 1 0 |
| DALI cable ø4-12mm | 105-58-30 | 0 0 5 - 2 5 5 1 1 1 0 |

DIN RAIL COMPONENTS

| TYPE | W-H-D (mm) | ORDER CODE |
|---|------------|-----------------------|
| POWER SUPPLY 220-240V AC | 72-90-63 | 0 0 5 - 6 5 2 0 2 1 0 |
| 160W 48V DC constant voltage | | |
| LED DRIVER DALI-2 DT6 1-2 addr. | 36-88-59 | 0 0 5 - 6 1 2 1 0 3 0 |
| 200-1050mA settable const. current | | |
| 2x 42W 48V DC U _{OUT} 10-40V | | |

for more details and components see page 981