



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, 4000 K, CWD
 CRI ≥ 90, 2 SDCM
 up to 120 lm/W
 L80 @ 50 000 h
 non DIM, DALI-2
 ↓ IP44/↑ IP20

Types



Housing colours



Inset colours



Light distributions



wallwasher and
ww floor inset



glare control
(UGR ≤ 16)



60 mm
recess depth



CWD
1800-3000K



CRI ≥ 95
2 SDCM

Order options

| | |
|---------------------------|----|
| COLOUR TEMPERATURE | ☑☑ |
| 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

| | |
|----------------------------|---|
| MATERIAL COLOUR | |
| MOUNTING SET | ■ |
| ● white aluminium RAL 9006 | G |
| ○ traffic white RAL9016 | 7 |
| ● jet black RAL 9005 | 8 |

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 |
|-------------------|---------------|--------------------------|
| 17.2W 36 Vf 500mA | 1860lm | 0 4 8 - 2 7 3 0 :: 1 ☑ ▲ |
| 25W 36 Vf 700mA | 2450lm | 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 |
|-------------------|------------------|--------------------------|
| 17.2W 36 Vf 500mA | ↓IP44 1890lm | 0 4 8 - 2 7 1 0 :: 1 ☑ ▲ |
| 25W 36 Vf 700mA | ↓IP44 2500lm | 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 |
|-------------------|---------------|--------------------------|
| 17.3W 36 Vf 500mA | 1540lm | 0 4 8 - 2 7 5 0 :: 1 ☑ A |
| 23.4W 36 Vf 700mA | 2310lm | 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 12.5/15/25 mm | |
| COLOUR | |
| ○ traffic white RAL9016 | 0 4 8 - 2 7 9 7 1 1 7 |

| | |
|---|-----------------------|
| MOUNTING SET WITH TRIM for intermediate ceilings 2-25 mm | |
| TYPE | |
| 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 | | |
| 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 220-240 V AC, 50-60 Hz, □ PC II | | | |
| TYPE | EFFICIENCY | L-W-H (mm) | ORDER CODE |
| 500 mA non DIM | η 88 % | 143-43-30 | 0 0 2 - 9 0 7 7 7 |
| 500 mA DALI-2 | η 88 % | 143-43-30 | 0 0 2 - 9 0 7 7 9 |
| 700 mA non DIM | η 80 % | 143-43-30 | 0 0 2 - 9 0 7 7 4 |
| 700 mA 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 ø 4-12 mm | 105-58-30 | 0 0 5 - 2 5 3 1 1 1 0 |
| DALI cable ø 4-12 mm | 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 220-240 V AC | 72-90-63 | 0 0 5 - 6 5 2 0 2 1 0 |
| 160 W 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 |
| 200-1050 mA settable const. current | | |
| 2 × 42W 48V DC U _{OUT} 10-40V | | |

for more details and components see page 981