

SASSO 100 square high efficient downlight

recessed 1 lamp

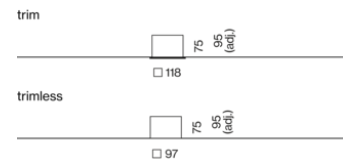
EN Square recessed spotlight; installation without tools in mounting set (trimless or with trim) with ball catch system; surface lacquered; installation possible in different housings; precise radiation characteristic due to high quality lens system; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; efficient LEDs with very good colour rendering

DE Quadratischer Einbaustrahler; werkzeuglose Montage im Montageset (randlos oder mit umlaufendem Rand) durch Kugelschnappsystem; Oberfläche lackiert; Einbau in unterschiedlichen Gehäusen möglich; präzise Abstrahlcharakteristik durch hochwertige Linsenoptik; COB (Chip on Board) Technologie für höchste Effizienz; keine Mehrfachschatten; effiziente LEDs mit sehr guter Farbwiedergabe

Quickinfo

2700 K, 3000 K, 3500 K, 4000 K
 CRI ≥ 90 / 2 SDCM (initial MacAdam)
 UGR ≤ 10 , UGR ≤ 13 , UGR ≤ 16 , UGR ≤ 19
 bis zu 144 lm/W
 L80 / 50000 h, L85 / 50000 h
 DALI-2, nicht dimmbar
 front IP44, back IP20

Types



Farben



Montage Set



Lichtverteilung



glare control
(UGR ≤ 16)



60 mm
recessed depth



Colour Warm
Dimming 1800 –
3000 K



CRI ≥ 95 2
SDCM
(optional)



SASSO 100 square high efficient downlight



SPOT 20°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
15.5 W,	2700 K	2020 lm	130 lm/W	0 4 8 - 2 7 1 3 9 1 ☒ S
36 Vf,	3000 K	2100 lm	135 lm/W	0 4 8 - 2 7 1 3 0 1 ☒ S
450 mA	3500 K	2120 lm	137 lm/W	0 4 8 - 2 7 1 3 2 1 ☒ S
	4000 K	2130 lm	137 lm/W	0 4 8 - 2 7 1 3 1 1 ☒ S
23.2 W,	2700 K	2680 lm	116 lm/W	0 4 8 - 2 7 1 3 9 1 ☒ S
36 Vf,	3000 K	2790 lm	120 lm/W	0 4 8 - 2 7 1 3 0 1 ☒ S
650 mA	3500 K	2830 lm	122 lm/W	0 4 8 - 2 7 1 3 2 1 ☒ S
	4000 K	2830 lm	122 lm/W	0 4 8 - 2 7 1 3 1 1 ☒ 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,	2700 K	2090 lm	135 lm/W	0 4 8 - 2 7 1 3 9 1 ☒ M
36 Vf,	3000 K	2180 lm	140 lm/W	0 4 8 - 2 7 1 3 0 1 ☒ M
450 mA	3500 K	2200 lm	142 lm/W	0 4 8 - 2 7 1 3 2 1 ☒ M
	4000 K	2210 lm	142 lm/W	0 4 8 - 2 7 1 3 1 1 ☒ M
23.2 W,	2700 K	2780 lm	120 lm/W	0 4 8 - 2 7 1 3 9 1 ☒ M
36 Vf,	3000 K	2890 lm	125 lm/W	0 4 8 - 2 7 1 3 0 1 ☒ M
650 mA	3500 K	2930 lm	126 lm/W	0 4 8 - 2 7 1 3 2 1 ☒ M
	4000 K	2940 lm	127 lm/W	0 4 8 - 2 7 1 3 1 1 ☒ 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,	2700 K	1980 lm	128 lm/W	0 4 8 - 2 7 1 3 9 1 ☒ F
36 Vf,	3000 K	2060 lm	133 lm/W	0 4 8 - 2 7 1 3 0 1 ☒ F
450 mA	3500 K	2090 lm	135 lm/W	0 4 8 - 2 7 1 3 2 1 ☒ F
	4000 K	2090 lm	135 lm/W	0 4 8 - 2 7 1 3 1 1 ☒ F
23.2 W,	2700 K	2630 lm	114 lm/W	0 4 8 - 2 7 1 3 9 1 ☒ F
36 Vf,	3000 K	2740 lm	118 lm/W	0 4 8 - 2 7 1 3 0 1 ☒ F
650 mA	3500 K	2780 lm	120 lm/W	0 4 8 - 2 7 1 3 2 1 ☒ F
	4000 K	2780 lm	120 lm/W	0 4 8 - 2 7 1 3 1 1 ☒ 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.

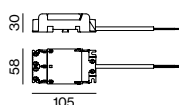
Order options

COLOUR

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

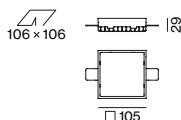
WIDE FLOOD 54°-56°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
15.5 W,	2700 K	2120 lm	137 lm/W	0 4 8 - 2 7 1 3 9 1 ☒ W
36 Vf,	3000 K	2200 lm	142 lm/W	0 4 8 - 2 7 1 3 0 1 ☒ W
450 mA	3500 K	2230 lm	144 lm/W	0 4 8 - 2 7 1 3 2 1 ☒ W
	4000 K	2240 lm	144 lm/W	0 4 8 - 2 7 1 3 1 1 ☒ W
23.2 W,	2700 K	2820 lm	122 lm/W	0 4 8 - 2 7 1 3 9 1 ☒ W
36 Vf,	3000 K	2930 lm	127 lm/W	0 4 8 - 2 7 1 3 0 1 ☒ W
650 mA	3500 K	2970 lm	128 lm/W	0 4 8 - 2 7 1 3 2 1 ☒ W
	4000 K	2980 lm	128 lm/W	0 4 8 - 2 7 1 3 1 1 ☒ W

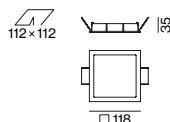
Electrical mounting accessories (optional)**THROUGH WIRING CONNECTION BOX**

TYPE	L-W-H (mm)	ORDER CODE
non DIM cable ø 4 – 12 mm	105-58-30	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

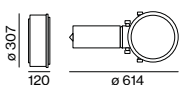
Linect®-Ready

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	0 4 8 - 2 7 9 7 1 1 7

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

COLOUR	L-W-H (mm)	ORDER CODE
traffic white	118-118-35	0 4 8 - 2 7 9 7 3 1 7
jet black	118-118-35	0 4 8 - 2 7 9 7 3 1 8
white aluminium	118-118-35	0 4 8 - 2 7 9 7 3 1 G

Mounting accessories (optional)**PRIMED CONCRETE MOUNTING HOUSING**

L-W-H (mm)	ORDER CODE
614-307-120	0 4 8 - 2 6 9 5 1 1 0

order mounting set separately

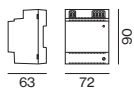
Electrical accessories (required)**POWER SUPPLY PC2**

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	0 0 2 - 9 0 7 6 6
450 mA 28 W DALI-2	176-264 V AC	η 85 %	143-43-30	0 0 2 - 9 0 7 6 7
650 mA 100 W non DIM	176-264 V AC	η 92 %	143-43-30	0 0 2 - 9 0 7 8 0
650 mA 28 W DALI-2	176-264 V AC	η 85 %	143-43-30	0 0 2 - 9 0 7 8 9

2 power supplies for 2 lamps variants necessary

Order options

COLOUR	☒	COLOUR	
jet black RAL 9005	1	white aluminium	RAL 9006
matt silver	4		
traffic white RAL 9016	7		
gold dust RAL 260-M	9		



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	0 0 5 - 6 5 2 0 2 1 0

Lifetime >100.000h @ 120W, 45°C ambient temp., cascable 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	0 0 5 - 6 1 2 1 0 3 0

200 - 1050 mA settable const. current | 2 × 42W | 48V DC | U OUT 10–40V 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 %	0 0 2 - 9 0 7 6 7 A
650 mA DALI-2	176-264 V AC	η 85 %	0 0 2 - 9 0 7 8 9 A
700 mA DALI-2	176-264 V AC	η 85 %	0 0 2 - 9 0 7 7 6 A
450 mA non DIM	198-264 V AC	η 88 %	0 0 2 - 9 0 7 6 6 A
650 mA non DIM	198-264 V AC	η 88 %	0 0 2 - 9 0 7 8 0 A
700 mA non DIM	198-264 V AC	η 88 %	0 0 2 - 9 0 7 7 4 A

2 power supplies for 2 lamps variants necessary