



# SASSO 100 square adjustable

recessed 1 lamp

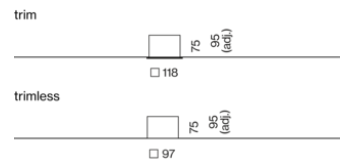
**EN** Square recessed spotlight; installation without tools in mounting set (trimless or with trim) with ball catch system; surface lacquered; installation possible in different housings; light inset tiltable; precise radiation characteristic due to high quality lens system; COB (Chip on Board) technology 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; Lichteinsatz schwenkbar; 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, 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 127 lm/W  
 L80 / 50000 h, L85 / 50000 h, L90 / 50000 h  
 DALI-2, non DIM  
 front IP40, back IP20

## Types



## Colour



## Mounting set



## Light distributions



glare control  
(UGR ≤ 16)



60 mm  
recessed depth



Colour Warm  
Dimming 1800 –  
3000 K



CRI ≥ 95 2  
SDCM  
(optional)



### SASSO 100 square adjustable (tunable white)



#### MEDIUM 33°, DALI-2

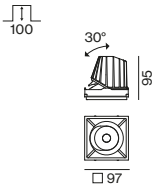
SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
24.1 W	2700 - 6500 K (tunable w., CRI ≥ 92)	1810 lm	75 lm/W	0 4 8 - 2 7 3 0 D 3 <input checked="" type="checkbox"/> M
27.6 W	1800 - 4000 K (tunable w., CRI ≥ 90)	1990 lm	72 lm/W	0 4 8 - 2 7 3 0 L 3 <input checked="" type="checkbox"/> M

The data values for the luminous flux may differ for specific order options by -6%. Luminous flux value refers to colour traffic white. DALI-2 power supply included

#### WIDE FLOOD 53°, DALI-2

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
24.1 W	2700 - 6500 K (tunable w., CRI ≥ 92)	1860 lm	77 lm/W	0 4 8 - 2 7 3 0 D 3 <input checked="" type="checkbox"/> W
27.6 W	1800 - 4000 K (tunable w., CRI ≥ 90)	2050 lm	74 lm/W	0 4 8 - 2 7 3 0 L 3 <input checked="" type="checkbox"/> W

DALI-2 power supply included



### SASSO 100 square adjustable



#### SPOT 20°, CRI ≥ 90

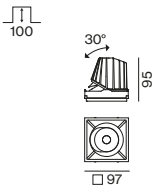
FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
15.2 W, 36 Vf, 450 mA	2700 K	1750 lm	115 lm/W	0 4 8 - 2 7 3 0 9 1 <input checked="" type="checkbox"/> S
	3000 K	1800 lm	118 lm/W	0 4 8 - 2 7 3 0 0 1 <input checked="" type="checkbox"/> S
	3500 K	1840 lm	121 lm/W	0 4 8 - 2 7 3 0 2 1 <input checked="" type="checkbox"/> S
	4000 K	1880 lm	124 lm/W	0 4 8 - 2 7 3 0 1 1 <input checked="" type="checkbox"/> S
22.7 W, 36 Vf, 650 mA	2700 K	2400 lm	106 lm/W	0 4 8 - 2 7 3 0 9 1 <input checked="" type="checkbox"/> S
	3000 K	2440 lm	107 lm/W	0 4 8 - 2 7 3 0 0 1 <input checked="" type="checkbox"/> S
	3500 K	2490 lm	110 lm/W	0 4 8 - 2 7 3 0 2 1 <input checked="" type="checkbox"/> S
	4000 K	2550 lm	112 lm/W	0 4 8 - 2 7 3 0 1 1 <input checked="" type="checkbox"/> S

The data values for the luminaire luminous flux may differ for specific order options by -8%. Luminous flux value refers to colour traffic white.

#### MEDIUM 31°-34°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
15.2 W, 36 Vf, 450 mA	2700 K	1750 lm	115 lm/W	0 4 8 - 2 7 3 0 9 1 <input checked="" type="checkbox"/> M
	3000 K	1810 lm	119 lm/W	0 4 8 - 2 7 3 0 0 1 <input checked="" type="checkbox"/> M
	3500 K	1850 lm	121 lm/W	0 4 8 - 2 7 3 0 2 1 <input checked="" type="checkbox"/> M
	4000 K	1890 lm	124 lm/W	0 4 8 - 2 7 3 0 1 1 <input checked="" type="checkbox"/> M
22.7 W, 36 Vf, 650 mA	2700 K	2410 lm	106 lm/W	0 4 8 - 2 7 3 0 9 1 <input checked="" type="checkbox"/> M
	3000 K	2450 lm	108 lm/W	0 4 8 - 2 7 3 0 0 1 <input checked="" type="checkbox"/> M
	3500 K	2500 lm	110 lm/W	0 4 8 - 2 7 3 0 2 1 <input checked="" type="checkbox"/> M
	4000 K	2560 lm	113 lm/W	0 4 8 - 2 7 3 0 1 1 <input checked="" type="checkbox"/> M
23.8 W, 700 mA	CWD	2070 lm	87 lm/W	0 4 8 - 2 7 3 0 E 1 <input checked="" type="checkbox"/> M

The data values for the luminaire luminous flux may differ for specific order options by -6%. Luminous flux value refers to colour traffic white, matt silver. CWD only for DALI-2; not for DIN-RAIL LED Driver



#### Order options

COLOUR	<input checked="" type="checkbox"/>	COLOUR	
jet black RAL 9005	1	white aluminium	RAL 9006
matt silver	4		
traffic white RAL 9016	7		
gold dust RAL 260-M	9		

**FLOOD 39°, CRI ≥ 90**

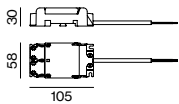
FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
15.2 W, 36 Vf, 450 mA	2700 K	1670 lm	110 lm/W	0 4 8 - 2 7 3 0 9 1 <input checked="" type="checkbox"/> F
	3000 K	1720 lm	113 lm/W	0 4 8 - 2 7 3 0 0 1 <input checked="" type="checkbox"/> F
	3500 K	1760 lm	116 lm/W	0 4 8 - 2 7 3 0 2 1 <input checked="" type="checkbox"/> F
	4000 K	1800 lm	118 lm/W	0 4 8 - 2 7 3 0 1 1 <input checked="" type="checkbox"/> F
22.7 W, 36 Vf, 650 mA	2700 K	2300 lm	101 lm/W	0 4 8 - 2 7 3 0 9 1 <input checked="" type="checkbox"/> F
	3000 K	2330 lm	103 lm/W	0 4 8 - 2 7 3 0 0 1 <input checked="" type="checkbox"/> F
	3500 K	2390 lm	105 lm/W	0 4 8 - 2 7 3 0 2 1 <input checked="" type="checkbox"/> F
	4000 K	2440 lm	107 lm/W	0 4 8 - 2 7 3 0 1 1 <input checked="" type="checkbox"/> F

The data values for the luminaire luminous flux may differ for specific order options by -9%. Luminous flux value refers to colour traffic white.

**WIDE FLOOD 51°-56°, CRI ≥ 90**

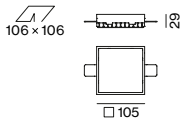
FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
15.2 W, 36 Vf, 450 mA	2700 K	1800 lm	118 lm/W	0 4 8 - 2 7 3 0 9 1 <input checked="" type="checkbox"/> W
	3000 K	1850 lm	121 lm/W	0 4 8 - 2 7 3 0 0 1 <input checked="" type="checkbox"/> W
	3500 K	1890 lm	124 lm/W	0 4 8 - 2 7 3 0 2 1 <input checked="" type="checkbox"/> W
	4000 K	1940 lm	127 lm/W	0 4 8 - 2 7 3 0 1 1 <input checked="" type="checkbox"/> W
22.7 W, 36 Vf, 650 mA	2700 K	2470 lm	109 lm/W	0 4 8 - 2 7 3 0 9 1 <input checked="" type="checkbox"/> W
	3000 K	2500 lm	110 lm/W	0 4 8 - 2 7 3 0 0 1 <input checked="" type="checkbox"/> W
	3500 K	2560 lm	113 lm/W	0 4 8 - 2 7 3 0 2 1 <input checked="" type="checkbox"/> W
	4000 K	2620 lm	116 lm/W	0 4 8 - 2 7 3 0 1 1 <input checked="" type="checkbox"/> W
23.8 W, 700 mA	CWD	2300 lm	97 lm/W	0 4 8 - 2 7 3 0 E 1 <input checked="" type="checkbox"/> W

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

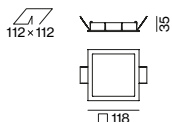
**Electrical mounting accessories (optional)****THROUGH WIRING CONNECTION BOX**

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

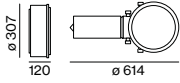
**MOUNTING SET with trim for intermediate ceilings, 2-25 mm**

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

**Order options**

COLOUR	<input checked="" type="checkbox"/>	COLOUR	
jet black RAL 9005	1	white aluminium	RAL 9006
matt silver	4		
traffic white RAL 9016	7		
gold dust RAL 260-M	9		

## Mounting accessories (optional)



### PRIMED CONCRETE MOUNTING HOUSING

**L-W-H (mm)**  
614-307-120

**ORDER CODE**

0 4 8 - 2 6 9 5 1 1 0

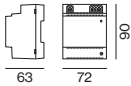
order mounting set separately

## 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
700 mA   28 W   DALI-2	176-264 V AC	η 85 %	143-43-30	0 0 2 - 9 0 7 7 6
650 mA   31 W   non DIM	198-264 V AC	η 88 %	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

## 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	36-88-59	0 0 5 - 6 1 2 1 0 3 0

200 - 1050mA settable const. current | 2x42W | 48V DC | U OUT 10-40V

### 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

## Order options

COLOUR	<input checked="" type="checkbox"/>	COLOUR	
jet black RAL 9005	1	white aluminium	RAL 9006
matt silver	4		
traffic white RAL 9016	7		
gold dust RAL 260-M	9		