



SASSO 100 square downlight

recessed 1 lamp

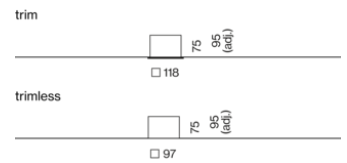
EN Square recessed spotlight; installation without tools in mounting set (trimless or with trim) with ball catch system; surface lacquered; installation possible in different housings; precise radiation characteristic due to high quality lens system; COB (Chip on Board) technology for maximum efficiency; 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, colour warm dimming 1800 - 3000 K, tunable white 1800 - 4000 K, tunable white 2700 - 6500 K
 CRI \geq 90, CRI \geq 92 / 2 SDCM (initial MacAdam), 3 SDCM (initial MacAdam)
 UGR \leq 10, UGR \leq 13, UGR \leq 16, UGR \leq 19
 up to 127 lm/W
 L80 / 50000 h, L85 / 50000 h, L90 / 50000 h
 DALI-2, non DIM
 front IP40, IP44, back IP20

Types



Colour



Mounting set



Light distributions



glare control
(UGR \leq 16)



60 mm
recessed depth



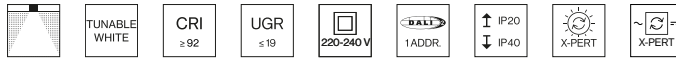
Colour Warm
Dimming 1800 –
3000 K



CRI \geq 95 2
SDCM
(optional)



SASSO 100 square downlight (tunable white)



MEDIUM 33°, DALI-2

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
24.1 W	2700 - 6500 K (tunable w., CRI ≥ 92)	1830 lm	76 lm/W	0 4 8 - 2 7 1 0 D 3 <input checked="" type="checkbox"/> M
27.6 W	1800 - 4000 K (tunable w., CRI ≥ 90)	2010 lm	73 lm/W	0 4 8 - 2 7 1 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 matt silver. DALI-2 power supply included

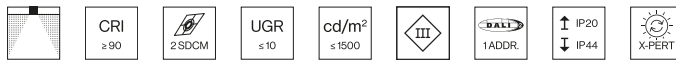
WIDE FLOOD 53°, DALI-2

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
24.1 W	2700 - 6500 K (tunable w., CRI ≥ 92)	1870 lm	78 lm/W	0 4 8 - 2 7 1 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 1 0 L 3 <input checked="" type="checkbox"/> W

DALI-2 power supply included



SASSO 100 square downlight



SPOT 20°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
15.2 W, 36 Vf, 450 mA	2700 K	1710 lm	112 lm/W	0 4 8 - 2 7 1 0 9 1 <input checked="" type="checkbox"/> S
	3000 K	1760 lm	116 lm/W	0 4 8 - 2 7 1 0 0 1 <input checked="" type="checkbox"/> S
	3500 K	1800 lm	118 lm/W	0 4 8 - 2 7 1 0 2 1 <input checked="" type="checkbox"/> S
	4000 K	1840 lm	121 lm/W	0 4 8 - 2 7 1 0 1 1 <input checked="" type="checkbox"/> S
22.7 W, 36 Vf, 650 mA	2700 K	2350 lm	104 lm/W	0 4 8 - 2 7 1 0 9 1 <input checked="" type="checkbox"/> S
	3000 K	2390 lm	105 lm/W	0 4 8 - 2 7 1 0 0 1 <input checked="" type="checkbox"/> S
	3500 K	2440 lm	108 lm/W	0 4 8 - 2 7 1 0 2 1 <input checked="" type="checkbox"/> S
	4000 K	2500 lm	110 lm/W	0 4 8 - 2 7 1 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	1770 lm	116 lm/W	0 4 8 - 2 7 1 0 9 1 <input checked="" type="checkbox"/> M
	3000 K	1820 lm	120 lm/W	0 4 8 - 2 7 1 0 0 1 <input checked="" type="checkbox"/> M
	3500 K	1870 lm	123 lm/W	0 4 8 - 2 7 1 0 2 1 <input checked="" type="checkbox"/> M
	4000 K	1910 lm	125 lm/W	0 4 8 - 2 7 1 0 1 1 <input checked="" type="checkbox"/> M
22.7 W, 36 Vf, 650 mA	2700 K	2440 lm	107 lm/W	0 4 8 - 2 7 1 0 9 1 <input checked="" type="checkbox"/> M
	3000 K	2470 lm	109 lm/W	0 4 8 - 2 7 1 0 0 1 <input checked="" type="checkbox"/> M
	3500 K	2530 lm	111 lm/W	0 4 8 - 2 7 1 0 2 1 <input checked="" type="checkbox"/> M
	4000 K	2590 lm	114 lm/W	0 4 8 - 2 7 1 0 1 1 <input checked="" type="checkbox"/> M
23.8 W, 700 mA	CWD	2090 lm	88 lm/W	0 4 8 - 2 7 1 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 38°-39°, CRI ≥ 90

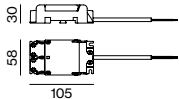
FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
15.2 W, 36 Vf, 450 mA	2700 K	1680 lm	110 lm/W	0 4 8 - 2 7 1 0 9 1 <input checked="" type="checkbox"/> F
	3000 K	1730 lm	114 lm/W	0 4 8 - 2 7 1 0 0 1 <input checked="" type="checkbox"/> F
	3500 K	1770 lm	116 lm/W	0 4 8 - 2 7 1 0 2 1 <input checked="" type="checkbox"/> F
	4000 K	1810 lm	119 lm/W	0 4 8 - 2 7 1 0 1 1 <input checked="" type="checkbox"/> F
22.7 W, 36 Vf, 650 mA	2700 K	2310 lm	102 lm/W	0 4 8 - 2 7 1 0 9 1 <input checked="" type="checkbox"/> F
	3000 K	2340 lm	103 lm/W	0 4 8 - 2 7 1 0 0 1 <input checked="" type="checkbox"/> F
	3500 K	2400 lm	106 lm/W	0 4 8 - 2 7 1 0 2 1 <input checked="" type="checkbox"/> F
	4000 K	2450 lm	108 lm/W	0 4 8 - 2 7 1 0 1 1 <input checked="" type="checkbox"/> F

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

WIDE FLOOD 51°-56°, CRI ≥ 90

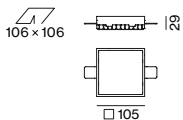
FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
15.2 W, 36 Vf, 450 mA	2700 K	1800 lm	118 lm/W	0 4 8 - 2 7 1 0 9 1 <input checked="" type="checkbox"/> W
	3000 K	1850 lm	121 lm/W	0 4 8 - 2 7 1 0 0 1 <input checked="" type="checkbox"/> W
	3500 K	1890 lm	124 lm/W	0 4 8 - 2 7 1 0 2 1 <input checked="" type="checkbox"/> W
	4000 K	1940 lm	127 lm/W	0 4 8 - 2 7 1 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 1 0 9 1 <input checked="" type="checkbox"/> W
	3000 K	2510 lm	110 lm/W	0 4 8 - 2 7 1 0 0 1 <input checked="" type="checkbox"/> W
	3500 K	2560 lm	113 lm/W	0 4 8 - 2 7 1 0 2 1 <input checked="" type="checkbox"/> W
	4000 K	2620 lm	116 lm/W	0 4 8 - 2 7 1 0 1 1 <input checked="" type="checkbox"/> W
23.8 W, 700 mA	CWD	2310 lm	97 lm/W	0 4 8 - 2 7 1 0 E 1 <input checked="" type="checkbox"/> W

The data values for the luminaire luminous flux may differ for specific order options by -9%. Luminous flux value refers to colour matt silver. CWD only for DALI-2; not for DIN-RAIL LED Driver

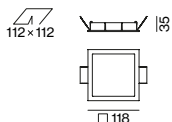
Electrical mounting accessories (optional)**THROUGH WIRING CONNECTION BOX**

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

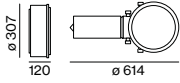
**MOUNTING SET with trim for intermediate ceilings, 2-25 mm**

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

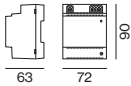
order mounting set separately

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 | 2×42W | 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		