



SASSO 100 square downlight

recessed 2 lamps

EN Square recessed spotlight; installation without tools in mounting set with ball catch system; surface lacquered; with trim; double lamps; 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 durch Kugelschnappsystem; Oberfläche lackiert; mit umlaufendem Rand; zweiflämmig; 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
L85 / 50000 h, L90 / 100000 h
DALI-2, non DIM
front IP40, IP44, back IP20

Types



Colours



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)	2x913 lm	76 lm/W	0 4 8 - 2 7 1 0 D 3 ☒ M
27.6 W	1800 - 4000 K (tunable w., CRI ≥ 90)	2x1000 lm	72 lm/W	0 4 8 - 2 7 1 0 L 3 ☒ M

The data values for the luminous flux of fraction may differ for specific order options by -6%. Luminous flux value refers to colour traffic white, matt silver. 2 insets necessary, order code only applies to 1 inset; 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)	2x933 lm	78 lm/W	0 4 8 - 2 7 1 0 D 3 ☒ W
27.6 W	1800 - 4000 K (tunable w., CRI ≥ 90)	2x1030 lm	75 lm/W	0 4 8 - 2 7 1 0 L 3 ☒ W

2 insets necessary, order code only applies to 1 inset; DALI-2 power supply included



SASSO 100 square downlight



SPOT 20°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
2x15.2 W, 36 Vf, 450 mA	2700 K	2x1710 lm	112 lm/W	0 4 8 - 2 7 1 0 9 1 ☒ S
	3000 K	2x1760 lm	116 lm/W	0 4 8 - 2 7 1 0 0 1 ☒ S
	3500 K	2x1800 lm	118 lm/W	0 4 8 - 2 7 1 0 2 1 ☒ S
	4000 K	2x1840 lm	121 lm/W	0 4 8 - 2 7 1 0 1 1 ☒ S
2x22.7 W, 36 Vf, 650 mA	2700 K	2x2350 lm	104 lm/W	0 4 8 - 2 7 1 0 9 1 ☒ S
	3000 K	2x2390 lm	105 lm/W	0 4 8 - 2 7 1 0 0 1 ☒ S
	3500 K	2x2440 lm	108 lm/W	0 4 8 - 2 7 1 0 2 1 ☒ S
	4000 K	2x2500 lm	110 lm/W	0 4 8 - 2 7 1 0 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. 2 insets necessary, order code only applies to 1 inset

MEDIUM 31°-34°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
2x15.2 W, 36 Vf, 450 mA	2700 K	2x1770 lm	116 lm/W	0 4 8 - 2 7 1 0 9 1 ☒ M
	3000 K	2x1820 lm	120 lm/W	0 4 8 - 2 7 1 0 0 1 ☒ M
	3500 K	2x1870 lm	123 lm/W	0 4 8 - 2 7 1 0 2 1 ☒ M
	4000 K	2x1910 lm	125 lm/W	0 4 8 - 2 7 1 0 1 1 ☒ M
2x22.7 W, 36 Vf, 650 mA	2700 K	2x2440 lm	107 lm/W	0 4 8 - 2 7 1 0 9 1 ☒ M
	3000 K	2x2470 lm	109 lm/W	0 4 8 - 2 7 1 0 0 1 ☒ M
	3500 K	2x2530 lm	111 lm/W	0 4 8 - 2 7 1 0 2 1 ☒ M
	4000 K	2x2590 lm	114 lm/W	0 4 8 - 2 7 1 0 1 1 ☒ M
2x23.8 W, 700 mA	CWD	2x2090 lm	88 lm/W	0 4 8 - 2 7 1 0 E 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 traffic white, matt silver. 2 insets necessary, order code only applies to 1 inset; CWD only for DALI-2; not for DIN-RAIL LED Driver

Order options

COLOUR	☒	COLOUR	☒
jet black RAL 9005	1	traffic white RAL 9016	7
matt silver	4	jet black RAL 9005	8
traffic white RAL 9016	7	white aluminium RAL 9006	G
gold dust RAL 260-M	9		

FLOOD 38°-39°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
2x15.2 W, 36 Vf, 450 mA	2700 K	2x1680 lm	110 lm/W	0 4 8 - 2 7 1 0 9 1 ☒ F
	3000 K	2x1730 lm	114 lm/W	0 4 8 - 2 7 1 0 0 1 ☒ F
	3500 K	2x1770 lm	116 lm/W	0 4 8 - 2 7 1 0 2 1 ☒ F
	4000 K	2x1810 lm	119 lm/W	0 4 8 - 2 7 1 0 1 1 ☒ F
2x22.7 W, 36 Vf, 650 mA	2700 K	2x2310 lm	102 lm/W	0 4 8 - 2 7 1 0 9 1 ☒ F
	3000 K	2x2340 lm	103 lm/W	0 4 8 - 2 7 1 0 0 1 ☒ F
	3500 K	2x2400 lm	106 lm/W	0 4 8 - 2 7 1 0 2 1 ☒ F
	4000 K	2x2450 lm	108 lm/W	0 4 8 - 2 7 1 0 1 1 ☒ F

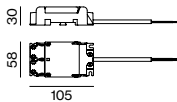
The data values for the luminous flux of fraction may differ for specific order options by -8%. Luminous flux value refers to colour traffic white. 2 insets necessary, order code only applies to 1 inset

WIDE FLOOD 51°-56°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
2x15.2 W, 36 Vf, 450 mA	2700 K	2x1800 lm	118 lm/W	0 4 8 - 2 7 1 0 9 1 ☒ W
	3000 K	2x1850 lm	121 lm/W	0 4 8 - 2 7 1 0 0 1 ☒ W
	3500 K	2x1890 lm	124 lm/W	0 4 8 - 2 7 1 0 2 1 ☒ W
	4000 K	2x1940 lm	127 lm/W	0 4 8 - 2 7 1 0 1 1 ☒ W
2x22.7 W, 36 Vf, 650 mA	2700 K	2x2470 lm	109 lm/W	0 4 8 - 2 7 1 0 9 1 ☒ W
	3000 K	2x2510 lm	110 lm/W	0 4 8 - 2 7 1 0 0 1 ☒ W
	3500 K	2x2560 lm	113 lm/W	0 4 8 - 2 7 1 0 2 1 ☒ W
	4000 K	2x2620 lm	116 lm/W	0 4 8 - 2 7 1 0 1 1 ☒ W
2x23.8 W, 700 mA	CWD	2x2310 lm	97 lm/W	0 4 8 - 2 7 1 0 E 1 ☒ W

The data values for the luminous flux of fraction may differ for specific order options by -9%. Luminous flux value refers to colour matt silver. 2 insets necessary, order code only applies to 1 inset; CWD only for DALI-2; not for DIN-RAIL LED Driver

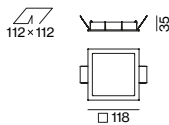
Electrical mounting accessories (optional)



THROUGH WIRING CONNECTION BOX	L-W-H (mm)	ORDER CODE
TYPE		
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 with trim 2 lamps for intermediate ceilings, 2-25 mm	ORDER CODE
L-W-H (mm)	
218-118-35	0 4 8 - 2 7 9 9 3 1 ☒

Electrical accessories (required)

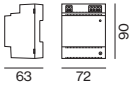
POWER SUPPLY PC2	INPUT VOLTAGE	EFFICIENCY	L-W-H (mm)	ORDER CODE
TYPE				
450 mA 21 W non DIM	198-264 V AC	η 86 %	143-43-30	0 0 2 - 9 0 7 6 6
450 mA 28 W DALI-2	176-264 V AC	η 85 %	143-43-30	0 0 2 - 9 0 7 6 7
700 mA 28 W DALI-2	176-264 V AC	η 85 %	143-43-30	0 0 2 - 9 0 7 7 6
650 mA 100 W non DIM	176-264 V AC	η 92 %	143-43-30	0 0 2 - 9 0 7 8 0

Order options

COLOUR	☒	COLOUR	☒
jet black RAL 9005	1	traffic white RAL 9016	7
matt silver	4	jet black RAL 9005	8
traffic white RAL 9016	7	white aluminium RAL 9006	G
gold dust RAL 260-M	9		

TYPE	INPUT VOLTAGE	EFFICIENCY	L-W-H (mm)	ORDER CODE
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				

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 - 1050mA 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			

Order options

COLOUR		COLOUR	
jet black RAL 9005	1	traffic white RAL 9016	7
matt silver	4	jet black RAL 9005	8
traffic white RAL 9016	7	white aluminium RAL 9006	G
gold dust RAL 260-M	9		