

SASSO 100 square

recessed 1 lamp

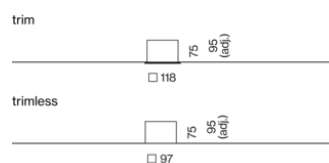
EN Square recessed spotlight; installation without tools in mounting set (trimless or with trim) with ball catch system; surface lacquered; installation possible in different housings; choice of adjustable / fixed symmetric or asymmetric radiation characteristic; variants with symmetric radiation characteristic: 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; asymmetrisch strahlende Varianten: hochwertiger Reflektor mit mikrofaccettierter, 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, 3500 K, 4000 K,
colour warm dimming 1800 K -
3000 K, tunable white 1800 K -
4000 K, tunable white 2700 K -
6000 K, tunable white 2700 K -
6500 K
CRI ≥ 90 , CRI ≥ 92 / 2 SDCM, 3
SDCM
UGR ≤ 10 , UGR ≤ 13 , UGR ≤ 16 ,
UGR ≤ 19
up to 143 lm/W
L80 / 50000 h, L85 / 50000 h,
L90 / 50000 h
DALI-2, non DIM
front IP20, IP40, IP44, back IP20

Types



Colour



Mounting set



Light distributions



wallwasher and
wallwasher
floor inset



glare control
(UGR ≤ 16)



60 mm
recessed depth



Colour Warm
Dimming 1800
– 3000 K



CRI ≥ 95 2
SDCM
(optional)



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 ☒ S
	3000 K	1760 lm	116 lm/W	0 4 8 - 2 7 1 0 0 1 ☒ S
	3500 K	1800 lm	118 lm/W	0 4 8 - 2 7 1 0 2 1 ☒ S
	4000 K	1840 lm	121 lm/W	0 4 8 - 2 7 1 0 1 1 ☒ S
22.7 W, 36 Vf, 650 mA	2700 K	2350 lm	104 lm/W	0 4 8 - 2 7 1 0 9 1 ☒ S
	3000 K	2390 lm	105 lm/W	0 4 8 - 2 7 1 0 0 1 ☒ S
	3500 K	2440 lm	108 lm/W	0 4 8 - 2 7 1 0 2 1 ☒ S
	4000 K	2500 lm	110 lm/W	0 4 8 - 2 7 1 0 1 1 ☒ 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 ☒ M
	3000 K	1820 lm	120 lm/W	0 4 8 - 2 7 1 0 0 1 ☒ M
	3500 K	1870 lm	123 lm/W	0 4 8 - 2 7 1 0 2 1 ☒ M
	4000 K	1910 lm	125 lm/W	0 4 8 - 2 7 1 0 1 1 ☒ M
22.7 W, 36 Vf, 650 mA	2700 K	2440 lm	107 lm/W	0 4 8 - 2 7 1 0 9 1 ☒ M
	3000 K	2470 lm	109 lm/W	0 4 8 - 2 7 1 0 0 1 ☒ M
	3500 K	2530 lm	111 lm/W	0 4 8 - 2 7 1 0 2 1 ☒ M
	4000 K	2590 lm	114 lm/W	0 4 8 - 2 7 1 0 1 1 ☒ M
23.8 W, 700 mA	CWD	2090 lm	88 lm/W	0 4 8 - 2 7 1 0 E 1 ☒ 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

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 ☒ F
	3000 K	1730 lm	114 lm/W	0 4 8 - 2 7 1 0 0 1 ☒ F
	3500 K	1770 lm	116 lm/W	0 4 8 - 2 7 1 0 2 1 ☒ F
	4000 K	1810 lm	119 lm/W	0 4 8 - 2 7 1 0 1 1 ☒ F
22.7 W, 36 Vf, 650 mA	2700 K	2310 lm	102 lm/W	0 4 8 - 2 7 1 0 9 1 ☒ F
	3000 K	2340 lm	103 lm/W	0 4 8 - 2 7 1 0 0 1 ☒ F
	3500 K	2400 lm	106 lm/W	0 4 8 - 2 7 1 0 2 1 ☒ F
	4000 K	2450 lm	108 lm/W	0 4 8 - 2 7 1 0 1 1 ☒ 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 ☒ W
	3000 K	1850 lm	121 lm/W	0 4 8 - 2 7 1 0 0 1 ☒ W
	3500 K	1890 lm	124 lm/W	0 4 8 - 2 7 1 0 2 1 ☒ W
	4000 K	1940 lm	127 lm/W	0 4 8 - 2 7 1 0 1 1 ☒ W
22.7 W, 36 Vf, 650 mA	2700 K	2470 lm	109 lm/W	0 4 8 - 2 7 1 0 9 1 ☒ W
	3000 K	2510 lm	110 lm/W	0 4 8 - 2 7 1 0 0 1 ☒ W
	3500 K	2560 lm	113 lm/W	0 4 8 - 2 7 1 0 2 1 ☒ W
	4000 K	2620 lm	116 lm/W	0 4 8 - 2 7 1 0 1 1 ☒ W
23.8 W, 700 mA	CWD	2310 lm	97 lm/W	0 4 8 - 2 7 1 0 E 1 ☒ 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

Order options

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



SASSO 100 square downlight (TW 2700K - 6500K)



MEDIUM 33°, CRI ≥ 92, DALI-2

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
24.1 W	tunable w.	1830 lm	76 lm/W	0 4 8 - 2 7 1 0 D 3 ☒ 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°, CRI ≥ 92, DALI-2

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
24.1 W	tunable w.	1870 lm	78 lm/W	0 4 8 - 2 7 1 0 D 3 ☒ W

DALI-2 power supply included



SASSO 100 square downlight (TW 1800K - 4000K)



MEDIUM 33°, CRI ≥ 90, DALI-2

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
27.6 W	tunable w.	2010 lm	73 lm/W	0 4 8 - 2 7 1 0 L 3 ☒ M

DALI-2 power supply included

WIDE FLOOD 53°, CRI ≥ 90, DALI-2

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
27.6 W	tunable w.	2050 lm	74 lm/W	0 4 8 - 2 7 1 0 L 3 ☒ 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 ☒ S
	3000 K	1800 lm	118 lm/W	0 4 8 - 2 7 3 0 0 1 ☒ S
	3500 K	1840 lm	121 lm/W	0 4 8 - 2 7 3 0 2 1 ☒ S
	4000 K	1880 lm	124 lm/W	0 4 8 - 2 7 3 0 1 1 ☒ S
22.7 W, 36 Vf, 650 mA	2700 K	2400 lm	106 lm/W	0 4 8 - 2 7 3 0 9 1 ☒ S
	3000 K	2440 lm	107 lm/W	0 4 8 - 2 7 3 0 0 1 ☒ S
	3500 K	2490 lm	110 lm/W	0 4 8 - 2 7 3 0 2 1 ☒ S
	4000 K	2550 lm	112 lm/W	0 4 8 - 2 7 3 0 1 1 ☒ 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.

Order options

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

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  M
	3000 K	1810 lm	119 lm/W	0 4 8 - 2 7 3 0 0 1  M
	3500 K	1850 lm	121 lm/W	0 4 8 - 2 7 3 0 2 1  M
	4000 K	1890 lm	124 lm/W	0 4 8 - 2 7 3 0 1 1  M
22.7 W, 36 Vf, 650 mA	2700 K	2410 lm	106 lm/W	0 4 8 - 2 7 3 0 9 1  M
	3000 K	2450 lm	108 lm/W	0 4 8 - 2 7 3 0 0 1  M
	3500 K	2500 lm	110 lm/W	0 4 8 - 2 7 3 0 2 1  M
	4000 K	2560 lm	113 lm/W	0 4 8 - 2 7 3 0 1 1  M
23.8 W, 700 mA	CWD	2070 lm	87 lm/W	0 4 8 - 2 7 3 0 E 1  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

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  F
	3000 K	1720 lm	113 lm/W	0 4 8 - 2 7 3 0 0 1  F
	3500 K	1760 lm	116 lm/W	0 4 8 - 2 7 3 0 2 1  F
	4000 K	1800 lm	118 lm/W	0 4 8 - 2 7 3 0 1 1  F
22.7 W, 36 Vf, 650 mA	2700 K	2300 lm	101 lm/W	0 4 8 - 2 7 3 0 9 1  F
	3000 K	2330 lm	103 lm/W	0 4 8 - 2 7 3 0 0 1  F
	3500 K	2390 lm	105 lm/W	0 4 8 - 2 7 3 0 2 1  F
	4000 K	2440 lm	107 lm/W	0 4 8 - 2 7 3 0 1 1  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  W
	3000 K	1850 lm	121 lm/W	0 4 8 - 2 7 3 0 0 1  W
	3500 K	1890 lm	124 lm/W	0 4 8 - 2 7 3 0 2 1  W
	4000 K	1940 lm	127 lm/W	0 4 8 - 2 7 3 0 1 1  W
22.7 W, 36 Vf, 650 mA	2700 K	2470 lm	109 lm/W	0 4 8 - 2 7 3 0 9 1  W
	3000 K	2500 lm	110 lm/W	0 4 8 - 2 7 3 0 0 1  W
	3500 K	2560 lm	113 lm/W	0 4 8 - 2 7 3 0 2 1  W
	4000 K	2620 lm	116 lm/W	0 4 8 - 2 7 3 0 1 1  W
23.8 W, 700 mA	CWD	2300 lm	97 lm/W	0 4 8 - 2 7 3 0 E 1  W

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

**SASSO 100 square adjustable (TW 2700K - 6500K)****MEDIUM 33°, CRI ≥ 92, DALI-2**

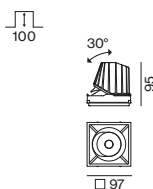
SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
24.1 W	tunable w.	1810 lm	75 lm/W	0 4 8 - 2 7 3 0 D 3  M

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°, CRI ≥ 92, DALI-2

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
24.1 W	tunable w.	1860 lm	77 lm/W	0 4 8 - 2 7 3 0 D 3  M

DALI-2 power supply included

**Order options**

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



SASSO 100 square adjustable (TW 1800K - 4000K)



MEDIUM 33°, CRI ≥ 90, DALI-2

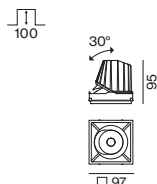
SYSTEM	COLOUR TEMP.	UGR ≤	LUM. FLUX	EFFICACY	ORDER CODE
27.6 W	tunable w.		1990 lm	72 lm/W	0 4 8 - 2 7 3 0 L 3 ☒ M
		19	1870 lm	68 lm/W	0 4 8 - 2 7 3 0 L 3 1 M

DALI-2 power supply included

WIDE FLOOD 53°, CRI ≥ 90, DALI-2

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
27.6 W	tunable w.	2050 lm	74 lm/W	0 4 8 - 2 7 3 0 L 3 ☒ W

DALI-2 power supply included



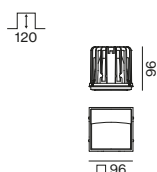
SASSO 100 square wallwasher



WALLWASHER CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
15.8 W, 36 Vf, 450 mA	2700 K	1690 lm	107 lm/W	0 4 8 - 2 7 5 0 9 1 ☒ A
	3000 K	1760 lm	111 lm/W	0 4 8 - 2 7 5 0 0 1 ☒ A
	3500 K	1760 lm	111 lm/W	0 4 8 - 2 7 5 0 2 1 ☒ A
	4000 K	1830 lm	116 lm/W	0 4 8 - 2 7 5 0 1 1 ☒ A
23.7 W, 36 Vf, 650 mA	2700 K	2330 lm	98 lm/W	0 4 8 - 2 7 5 0 9 1 ☒ A
	3000 K	2420 lm	102 lm/W	0 4 8 - 2 7 5 0 0 1 ☒ A
	3500 K	2420 lm	102 lm/W	0 4 8 - 2 7 5 0 2 1 ☒ A
	4000 K	2520 lm	107 lm/W	0 4 8 - 2 7 5 0 1 1 ☒ A

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

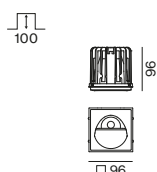


SASSO 100 square wallwasher/floor



WALLWASHER FLOOR CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
14.6 W, 36 Vf, 450 mA	2700 K	1920 lm	131 lm/W	0 4 8 - 2 7 5 0 9 1 ☒ W
	3000 K	1980 lm	136 lm/W	0 4 8 - 2 7 5 0 0 1 ☒ W
	3500 K	2040 lm	140 lm/W	0 4 8 - 2 7 5 0 2 1 ☒ W
	4000 K	2080 lm	143 lm/W	0 4 8 - 2 7 5 0 1 1 ☒ W
21.5 W, 36 Vf, 650 mA	2700 K	2590 lm	121 lm/W	0 4 8 - 2 7 5 0 9 1 ☒ W
	3000 K	2690 lm	125 lm/W	0 4 8 - 2 7 5 0 0 1 ☒ W
	3500 K	2760 lm	129 lm/W	0 4 8 - 2 7 5 0 2 1 ☒ W
	4000 K	2820 lm	131 lm/W	0 4 8 - 2 7 5 0 1 1 ☒ W



Order options

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



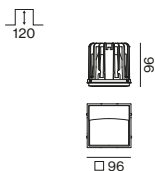
SASSO 100 square wallwasher (TW 2700K - 6000K)



WALLWASHER CRI ≥ 90, DALI-2

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
11.9 W	tunable w.	595 lm	50 lm/W	0 4 8 - 2 7 5 0 D 3 ☒ A

The data values for the luminous flux may differ for specific order options by -8%. Luminous flux value refers to colour traffic white, matt silver. DALI-2 power supply included



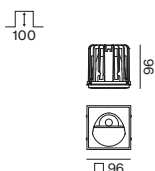
SASSO 100 square wallwasher/floor (TW 2700K - 6500K)



WALLWASHER FLOOR CRI ≥ 92, DALI-2

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
24.1 W	tunable w.	1840 lm	76 lm/W	0 4 8 - 2 7 5 0 D 3 ☒ W

DALI-2 power supply included



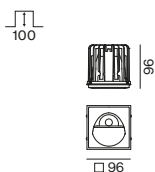
SASSO 100 square wallwasher/floor (TW 1800K - 4000K)



WALLWASHER FLOOR CRI ≥ 90, DALI-2

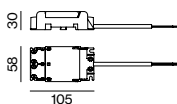
SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
27.6 W	tunable w.	2020 lm	73 lm/W	0 4 8 - 2 7 5 0 L 3 ☒ W

DALI-2 power supply included



Electrical mounting accessories (optional)

THROUGH WIRING CONNECTION BOX



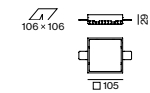
TYPE	L-W-H (mm)	ORDER CODE
non DIM cable ø 4 – 12 mm	105-58-30	0 0 5 - 2 5 3 1 1 1 0
DALI cable ø 4 – 12 mm	105-58-30	0 0 5 - 2 5 5 1 1 1 0

Linect®-Ready

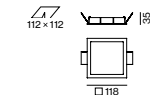
Order options

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

Mounting accessories (required)

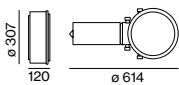


MOUNTING SET trimless				
TYPE	COLOUR	L-W-H (mm)	ORDER CODE	
for plasterboard ceilings 12.5/15/25 mm	traffic white	105-105-29	0 4 8 - 2 7 9 7 1 1 7	



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)

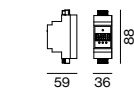


PRIMED CONCRETE MOUNTING HOUSING		ORDER CODE
L-W-H (mm)	614-307-120	0 4 8 - 2 6 9 5 1 1 0
order mounting set separately		

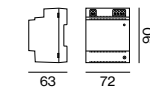
Electrical accessories (required)

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
700 mA 38 W DALI-2	198-264 V AC	η 90 %	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 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			



DIN RAIL POWER SUPPLY	
L-W-H (mm)	ORDER CODE
72-90-63	0 0 5 - 6 5 2 0 2 1 0
220-240 V AC 160W 48V DC constant voltage	

POWER SUPPLY PRE-WIRED with junction box 28 W, PC2

TYPE	INPUT VOLTAGE	EFFICIENCY	ORDER CODE
450 mA non DIM	198-264 V AC	η 88 %	0 0 2 - 9 0 7 6 6 A
450 mA DALI-2	176-264 V AC	η 85 %	0 0 2 - 9 0 7 6 7 A
700 mA non DIM	198-264 V AC	η 88 %	0 0 2 - 9 0 7 7 4 A
700 mA DALI-2	176-264 V AC	η 85 %	0 0 2 - 9 0 7 7 6 A
650 mA non DIM	198-264 V AC	η 88 %	0 0 2 - 9 0 7 8 0 A
650 mA DALI-2	176-264 V AC	η 85 %	0 0 2 - 9 0 7 8 9 A