

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, UGR ≤ 22, UGR ≤ 25
up to 127 lm/W
L85 / 50000 h, L90 / 100000 h
DALI-2, non DIM
front IP40, IP44, back IP20

Types



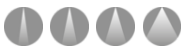
Colours



Mounting set



Light distributions



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; zweiflammig; präzise Abstrahlcharakteristik durch hochwertige Linsenoptik; COB (Chip on Board) Technologie für höchste Effizienz; keine Mehrfachschatten; effiziente LEDs mit sehr guter Farbwiedergabe



glare control (UGR ≤ 16)



60 mm recessed depth

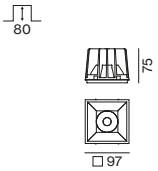


Colour Warm Dimming 1800 – 3000 K



CRI ≥ 95 2 SDCM (optional)





SASSO 100 square downlight (tunable white)

TUNABLE WHITE | CRI ≥ 92 | UGR ≤ 22 | 220-240 V | 1 ADDR. | IP20 IP40 | X-PERT | X-PERT

MEDIUM 33°, DALI-2

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
41.0 W	tunable w.	3380 lm	82 lm/W	048-27103◪M

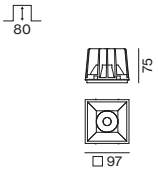
The data values for the luminous flux of fraction may differ for specific order options by -7%. Luminous flux value refers to colour matt silver colour temperature range 2700 - 6500 K. 2 insets necessary, order code only applies to 1 inset; DALI-2 power supply included

WIDE FLOOD 53°, DALI-2

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
41.0 W	tunable w.	3450 lm	84 lm/W	048-27103◪W

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





SASSO 100 square downlight

CRI ≥ 90 | 2 SDCM | UGR ≤ 10 | cd/m² ≤ 1500 | III | 1 ADDR. | IP20 IP44 | X-PERT

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	048-27109◪1◪S
	3000 K	2x1760 lm	116 lm/W	048-27100◪1◪S
	3500 K	2x1800 lm	118 lm/W	048-27102◪1◪S
	4000 K	2x1840 lm	121 lm/W	048-27101◪1◪S
2x22.7 W, 36 Vf, 650 mA	2700 K	2x2350 lm	104 lm/W	048-27109◪1◪S
	3000 K	2x2390 lm	105 lm/W	048-27100◪1◪S
	3500 K	2x2440 lm	108 lm/W	048-27102◪1◪S
	4000 K	2x2500 lm	110 lm/W	048-27101◪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	048-27109◪1◪M
	3000 K	2x1820 lm	120 lm/W	048-27100◪1◪M
	3500 K	2x1870 lm	123 lm/W	048-27102◪1◪M
	4000 K	2x1910 lm	125 lm/W	048-27101◪1◪M
2x22.7 W, 36 Vf, 650 mA	2700 K	2x2440 lm	107 lm/W	048-27109◪1◪M
	3000 K	2x2470 lm	109 lm/W	048-27100◪1◪M
	3500 K	2x2530 lm	111 lm/W	048-27102◪1◪M
	4000 K	2x2590 lm	114 lm/W	048-27101◪1◪M
2x23.8 W, 700 mA	CWD	2x2090 lm	88 lm/W	048-27E10◪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 TEMPERATURE RANGE ◪	
2700 - 6500 K	D
1800 - 4000 K	L

COLOUR ◪	
jet black RAL 9005	1
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
2x15.2 W, 36 Vf, 450 mA	2700 K	2x1680 lm	110 lm/W	048-271091◪F
	3000 K	2x1730 lm	114 lm/W	048-271001◪F
	3500 K	2x1770 lm	116 lm/W	048-271021◪F
	4000 K	2x1810 lm	119 lm/W	048-271011◪F
2x22.7 W, 36 Vf, 650 mA	2700 K	2x2310 lm	102 lm/W	048-271091◪F
	3000 K	2x2340 lm	103 lm/W	048-271001◪F
	3500 K	2x2400 lm	106 lm/W	048-271021◪F
	4000 K	2x2450 lm	108 lm/W	048-271011◪F

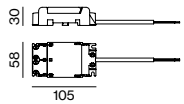
The data values for the luminous flux of fraction may differ for specific order options by -8%. Luminous flux value refers to colour traffic white. 2 insets necessary, order code only applies to 1 inset

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	048-271091◪W
	3000 K	2x1850 lm	121 lm/W	048-271001◪W
	3500 K	2x1890 lm	124 lm/W	048-271021◪W
	4000 K	2x1940 lm	127 lm/W	048-271011◪W
2x22.7 W, 36 Vf, 650 mA	2700 K	2x2470 lm	109 lm/W	048-271091◪W
	3000 K	2x2510 lm	110 lm/W	048-271001◪W
	3500 K	2x2560 lm	113 lm/W	048-271021◪W
	4000 K	2x2620 lm	116 lm/W	048-271011◪W
2x23.8 W, 700 mA	CWD	2x2310 lm	97 lm/W	048-2710E1◪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)

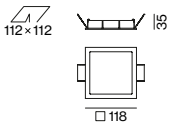


THROUGH WIRING CONNECTION BOX

TYPE	L·W·H (mm)	ORDER CODE
non DIM cable ø 4 – 12 mm	105·58·30	005-253111 10
DALI cable ø 4 – 12 mm	105·58·30	005-255111 10

Linect®-Ready

Mounting accessories (required)



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

L·W·H (mm)	ORDER CODE
218·118·35	048-279931◪1

Order options

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

COLOUR	◪1
traffic white RAL 9016	7
jet black RAL 9005	8
white aluminium RAL 9006	G

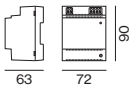
Electrical accessories (required)

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	002-90766
450 mA | 28 W | DALI-2	176-264 V AC	η 85 %	143·43·30	002-90767
700 mA | 28 W | DALI-2	176-264 V AC	η 85 %	143·43·30	002-90776
650 mA | 28 W | non DIM	198-264 V AC	η 88 %	143·43·30	002-90780
650 mA | 28 W | DALI-2	176-264 V AC	η 85 %	143·43·30	002-90789

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	005-65202 10

Lifetime >100.000 h @ 120 W, 45°C ambient temp., cascadable 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	005-61210 30

200 -1050 mA settable const. current | 2×42 W | 48V DC | U OUT 10–40 V 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 %	002-90767A
650 mA | DALI-2	176-264 V AC	η 85 %	002-90789A
700 mA | DALI-2	176-264 V AC	η 85 %	002-90776A
450 mA | non DIM	198-264 V AC	η 88 %	002-90766A
650 mA | non DIM	198-264 V AC	η 88 %	002-90780A
700 mA | non DIM	198-264 V AC	η 88 %	002-90774A

2 power supplies for 2 lamps variants necessary