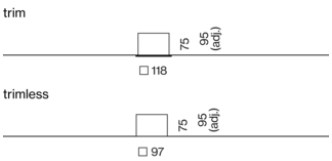


Quickinfo

2700 K, 3000 K, 3500 K, 4000 K
CRI ≥ 90 / 2 SDCM (initial MacAdam)
UGR ≤ 10, UGR ≤ 13, UGR ≤ 16, UGR ≤ 19, UGR ≤ 22
up to 144 lm/W
L80 / 50000 h, L85 / 50000 h
DALI-2, non DIM
front IP44, back IP20

Types



Colours



Mounting set



Light distributions



SASSO 100 square high efficient down-light

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

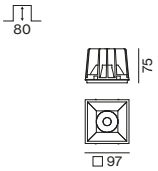


glare control (UGR ≤ 16)



60 mm recessed depth





SASSO 100 square high efficient downlight

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

SPOT 20°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
15.5 W, 36 Vf, 450 mA	2700 K	2020 lm	130 lm/W	048-271391 S
	3000 K	2100 lm	135 lm/W	048-271301 S
	3500 K	2120 lm	137 lm/W	048-271321 S
	4000 K	2130 lm	137 lm/W	048-271311 S
23.2 W, 36 Vf, 650 mA	2700 K	2680 lm	116 lm/W	048-271391 S
	3000 K	2790 lm	120 lm/W	048-271301 S
	3500 K	2830 lm	122 lm/W	048-271321 S
	4000 K	2830 lm	122 lm/W	048-271311 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.

MEDIUM 31°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
15.5 W, 36 Vf, 450 mA	2700 K	2090 lm	135 lm/W	048-271391 M
	3000 K	2180 lm	140 lm/W	048-271301 M
	3500 K	2200 lm	142 lm/W	048-271321 M
	4000 K	2210 lm	142 lm/W	048-271311 M
23.2 W, 36 Vf, 650 mA	2700 K	2780 lm	120 lm/W	048-271391 M
	3000 K	2890 lm	125 lm/W	048-271301 M
	3500 K	2930 lm	126 lm/W	048-271321 M
	4000 K	2940 lm	127 lm/W	048-271311 M

The data values for the luminous flux of fraction may differ for specific order options by -6%. Luminous flux value refers to colour matt silver.

FLOOD 38°-39°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
15.5 W, 36 Vf, 450 mA	2700 K	1980 lm	128 lm/W	048-271391 F
	3000 K	2060 lm	133 lm/W	048-271301 F
	3500 K	2090 lm	135 lm/W	048-271321 F
	4000 K	2090 lm	135 lm/W	048-271311 F
23.2 W, 36 Vf, 650 mA	2700 K	2630 lm	114 lm/W	048-271391 F
	3000 K	2740 lm	118 lm/W	048-271301 F
	3500 K	2780 lm	120 lm/W	048-271321 F
	4000 K	2780 lm	120 lm/W	048-271311 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.

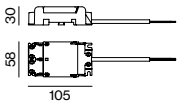
Order options

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

WIDE FLOOD 54°-56°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
15.5 W, 36 Vf, 450 mA	2700 K	2120 lm	137 lm/W	048-271391◪W
	3000 K	2200 lm	142 lm/W	048-271301◪W
	3500 K	2230 lm	144 lm/W	048-271321◪W
	4000 K	2240 lm	144 lm/W	048-271311◪W
23.2 W, 36 Vf, 650 mA	2700 K	2820 lm	122 lm/W	048-271391◪W
	3000 K	2930 lm	127 lm/W	048-271301◪W
	3500 K	2970 lm	128 lm/W	048-271321◪W
	4000 K	2980 lm	128 lm/W	048-271311◪W

Electrical mounting accessories (optional)

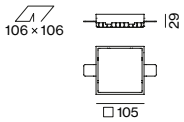


THROUGH WIRING CONNECTION BOX

TYPE	L·W·H (mm)	ORDER CODE
non DIM cable ø 4 – 12 mm	105·58·30	005-253111 0
DALI cable ø 4 – 12 mm	105·58·30	005-255111 0

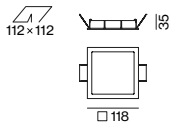
Linect®-Ready

Mounting accessories (required)



MOUNTING SET trimless for plasterboard ceilings

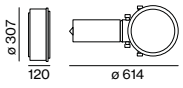
COLOUR	PLASTERBOARD CEILING THICKNESS	L·W·H (mm)	ORDER CODE
traffic white	12.5/15/25 mm	105·105·29	048-279711 7



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

COLOUR	L·W·H (mm)	ORDER CODE
traffic white	118·118·35	048-279731 7
jet black	118·118·35	048-279731 8
white aluminium	118·118·35	048-279731 G

Mounting accessories (optional)



PRIMED CONCRETE MOUNTING HOUSING

L·W·H (mm)	ORDER CODE
614·307·120	048-269511 0

order mounting set separately

Order options

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

COLOUR	
white aluminium	RAL 9006

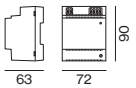
Electrical accessories (required)

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
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 | 48 V 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