



## SASSO 100 square

semi-recessed

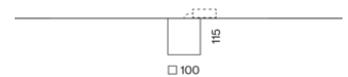
**EN** Square semi-recessed spotlight made of aluminium; surface light inset lacquered; surface housing powder coated; luminaire housing can be attached to mounting plate without tools by interlock; light inset tiltable; symmetric radiation characteristic - precise due to high quality lens system; with different beam angles; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; efficient LEDs with very good colour rendering; external converter for ceiling insertion, for through-wiring suitable

**DE** Quadratischer Halbeinbaustrahler aus Aluminium; Oberfläche Lichteinsatz lackiert; Oberfläche Gehäuse pulverbeschichtet; Leuchtenkörper mittels Verriegelung werkzeuglos auf Montageplatte aufsetzbar; Lichteinsatz schwenkbar; symmetrische Abstrahlcharakteristik - präzise durch hochwertige Linsenoptik; mit verschiedenen Ausstrahlwinkeln; COB (Chip on Board) Technologie für höchste Effizienz; keine Mehrfachschatten; effiziente LEDs mit sehr guter Farbwiedergabe; externer Konverter für Deckeneinwurf, für Weiterverdrahtung geeignet

### Quickinfo

2700 K, 3000 K, 3500 K, 4000 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  
 bis zu 127 lm/W  
 L80 / 50000 h, L85 / 50000 h, L90 / 50000 h  
 DALI-2, nicht dimmbar  
 front IP20

### Types



### Farbe



### Innenfarbe



### Lichtverteilung



glare control  
(UGR ≤ 16)



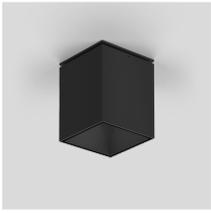
easy mounting  
no visible  
screws



Colour Warm  
Dimming 1800 -  
3000 K  
(optional)



CRI ≥ 95 2  
SDCM  
(optional)



### SASSO 100 square adjustable semi-recessed (tunable white)

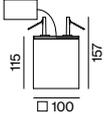


#### MEDIUM 33°, DALI-2

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
24.2 W	2700 - 6500 K (tunable w., CRI ≥ 92)	1840 lm	76 lm/W	0 4 8 - 3 3 0 1 D 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M
27.7 W	1800 - 4000 K (tunable w., CRI ≥ 90)	2020 lm	73 lm/W	0 4 8 - 3 3 0 1 L 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M

DALI-2 power supply included

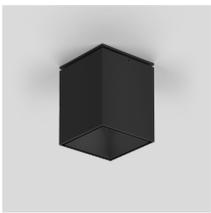
80

100 non DIM  
100 DALI-2

#### WIDE FLOOD 53°, DALI-2

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
24.2 W	2700 - 6500 K (tunable w., CRI ≥ 92)	1890 lm	78 lm/W	0 4 8 - 3 3 0 1 D 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> W
27.7 W	1800 - 4000 K (tunable w., CRI ≥ 90)	2080 lm	75 lm/W	0 4 8 - 3 3 0 1 L 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> W

DALI-2 power supply included



### SASSO 100 square adjustable semi-recessed

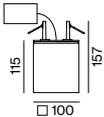


#### SPOT 20°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
15.2 W,	2700 K	1750 lm	115 lm/W	0 4 8 - 3 3 0 1 9 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S
36 Vf,	3000 K	1800 lm	118 lm/W	0 4 8 - 3 3 0 1 0 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S
450 mA	3500 K	1840 lm	121 lm/W	0 4 8 - 3 3 0 1 2 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S
	4000 K	1880 lm	124 lm/W	0 4 8 - 3 3 0 1 1 1 <input checked="" type="checkbox"/> <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 inner colour traffic white.

80

100 non DIM  
100 DALI-2

#### MEDIUM 31°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
15.2 W,	2700 K	1750 lm	115 lm/W	0 4 8 - 3 3 0 1 9 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M
36 Vf,	3000 K	1810 lm	119 lm/W	0 4 8 - 3 3 0 1 0 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M
450 mA	3500 K	1850 lm	121 lm/W	0 4 8 - 3 3 0 1 2 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M
	4000 K	1890 lm	124 lm/W	0 4 8 - 3 3 0 1 1 1 <input checked="" type="checkbox"/> <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 inner colour matt silver, traffic white.

#### FLOOD 39°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
15.2 W,	2700 K	1670 lm	110 lm/W	0 4 8 - 3 3 0 1 9 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F
36 Vf,	3000 K	1720 lm	113 lm/W	0 4 8 - 3 3 0 1 0 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F
450 mA	3500 K	1760 lm	116 lm/W	0 4 8 - 3 3 0 1 2 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F
	4000 K	1800 lm	118 lm/W	0 4 8 - 3 3 0 1 1 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F

The data values for the luminaire luminous flux may differ for specific order options by -9%. Luminous flux value refers to inner colour traffic white.

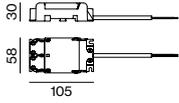
#### WIDE FLOOD 56°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
15.2 W,	2700 K	1800 lm	118 lm/W	0 4 8 - 3 3 0 1 9 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> W
36 Vf,	3000 K	1850 lm	121 lm/W	0 4 8 - 3 3 0 1 0 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> W
450 mA	3500 K	1890 lm	124 lm/W	0 4 8 - 3 3 0 1 2 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> W
	4000 K	1940 lm	127 lm/W	0 4 8 - 3 3 0 1 1 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> W

#### Order options

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

## Electrical mounting accessories (optional)



### THROUGH WIRING CONNECTION BOX

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

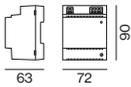
Linect®-Ready

## Electrical accessories (required)

### POWER SUPPLY 450 mA, PC2

TYPE	INPUT VOLTAGE	EFFICIENCY	L-W-H (mm)	ORDER CODE
21 W   non DIM	198-264 V AC	$\eta$ 86 %	143-43-30	0 0 2 - 9 0 7 6 6
28 W   DALI-2	176-264 V AC	$\eta$ 85 %	143-43-30	0 0 2 - 9 0 7 6 7

## 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	$\eta$ 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 - 1050 mA settable const. current | 2x42W | 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	$\eta$ 85 %	0 0 2 - 9 0 7 6 7 A
650 mA   DALI-2	176-264 V AC	$\eta$ 85 %	0 0 2 - 9 0 7 8 9 A
700 mA   DALI-2	176-264 V AC	$\eta$ 85 %	0 0 2 - 9 0 7 7 6 A
450 mA   non DIM	198-264 V AC	$\eta$ 88 %	0 0 2 - 9 0 7 6 6 A
650 mA   non DIM	198-264 V AC	$\eta$ 88 %	0 0 2 - 9 0 7 8 0 A
700 mA   non DIM	198-264 V AC	$\eta$ 88 %	0 0 2 - 9 0 7 7 4 A

## Order options

COLOUR	<input checked="" type="checkbox"/>	INNER COLOUR	<input type="checkbox"/>
jet black RAL 9005	1	jet black RAL 9005	1
traffic white RAL 9016	7	matt silver	4
		traffic white RAL 9016	7
		gold dust RAL 260-M	9