



# SASSO 100 round downlight

recessed 1 lamp

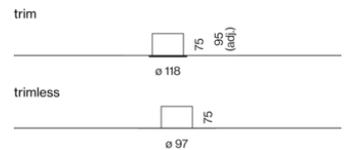
**EN** Round recessed spotlight; installation without tools in mounting set (trimless or with trim) with ball catch system; surface lacquered; installation possible in different housings; precise radiation characteristic due to high quality lens system; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; efficient LEDs with very good colour rendering

**ES** Proyector empotrable redondo; instalación sin herramientas mediante kit de montaje (con o sin marco) con sistema inserción de bola; superficie lacada; posibilidad de instalar distintas carcasas; proyección precisa con óptica de lente de alta calidad; Chip on Board que proporciona una máxima eficiencia; no sombras múltiples; LEDS de eficiencia que proporcionan una alta reproducción cromática

## 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  
 hasta 124 lm/W  
 L80 / 50000 h, L85 / 50000 h, L90 / 50000 h  
 DALI-2, non atenuable  
 front IP40, IP44, back IP20

## Types



## Color



## Set de montaje



## Distribución luminosa



glare control  
(UGR ≤ 16)



80 mm  
recessed depth



quick mounting  
in soft acoustic  
ceilings



Colour Warm  
Dimming 1800 –  
3000 K



CRI ≥ 95 2  
SDCM  
(optional)



## SASSO 100 round downlight



### SPOT 20°, 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 0 0 9 1 <input checked="" type="checkbox"/> S
	3000 K	1720 lm	113 lm/W	0 4 8 - 2 7 0 0 0 1 <input checked="" type="checkbox"/> S
	3500 K	1760 lm	116 lm/W	0 4 8 - 2 7 0 0 2 1 <input checked="" type="checkbox"/> S
	4000 K	1800 lm	118 lm/W	0 4 8 - 2 7 0 0 1 1 <input checked="" type="checkbox"/> S
22.7 W, 36 Vf, 650 mA	2700 K	2300 lm	101 lm/W	0 4 8 - 2 7 0 0 9 1 <input checked="" type="checkbox"/> S
	3000 K	2330 lm	103 lm/W	0 4 8 - 2 7 0 0 0 1 <input checked="" type="checkbox"/> S
	3500 K	2380 lm	105 lm/W	0 4 8 - 2 7 0 0 2 1 <input checked="" type="checkbox"/> S
	4000 K	2440 lm	107 lm/W	0 4 8 - 2 7 0 0 1 1 <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 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	1730 lm	114 lm/W	0 4 8 - 2 7 0 0 9 1 <input checked="" type="checkbox"/> M
	3000 K	1780 lm	117 lm/W	0 4 8 - 2 7 0 0 0 1 <input checked="" type="checkbox"/> M
	3500 K	1820 lm	120 lm/W	0 4 8 - 2 7 0 0 2 1 <input checked="" type="checkbox"/> M
	4000 K	1860 lm	122 lm/W	0 4 8 - 2 7 0 0 1 1 <input checked="" type="checkbox"/> M
22.7 W, 36 Vf, 650 mA	2700 K	2380 lm	105 lm/W	0 4 8 - 2 7 0 0 9 1 <input checked="" type="checkbox"/> M
	3000 K	2410 lm	106 lm/W	0 4 8 - 2 7 0 0 0 1 <input checked="" type="checkbox"/> M
	3500 K	2470 lm	109 lm/W	0 4 8 - 2 7 0 0 2 1 <input checked="" type="checkbox"/> M
	4000 K	2520 lm	111 lm/W	0 4 8 - 2 7 0 0 1 1 <input checked="" type="checkbox"/> M
23.8 W, 700 mA	CWD	2040 lm	86 lm/W	0 4 8 - 2 7 0 0 E 1 <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 colour matt silver, traffic white. 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	1650 lm	108 lm/W	0 4 8 - 2 7 0 0 9 1 <input checked="" type="checkbox"/> F
	3000 K	1700 lm	111 lm/W	0 4 8 - 2 7 0 0 0 1 <input checked="" type="checkbox"/> F
	3500 K	1740 lm	114 lm/W	0 4 8 - 2 7 0 0 2 1 <input checked="" type="checkbox"/> F
	4000 K	1780 lm	117 lm/W	0 4 8 - 2 7 0 0 1 1 <input checked="" type="checkbox"/> F
22.7 W, 36 Vf, 650 mA	2700 K	2270 lm	100 lm/W	0 4 8 - 2 7 0 0 9 1 <input checked="" type="checkbox"/> F
	3000 K	2300 lm	101 lm/W	0 4 8 - 2 7 0 0 0 1 <input checked="" type="checkbox"/> F
	3500 K	2350 lm	104 lm/W	0 4 8 - 2 7 0 0 2 1 <input checked="" type="checkbox"/> F
	4000 K	2410 lm	106 lm/W	0 4 8 - 2 7 0 0 1 1 <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 colour traffic white.

## Order options

COLOUR	<input checked="" type="checkbox"/>	COLOUR	
jet black RAL 9005	1	white aluminium	RAL 9006
matt silver	4	traffic black	RAL 9017
traffic white RAL 9016	7		
gold dust RAL 260-M	9		

**WIDE FLOOD 51°-56°, CRI ≥ 90**

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
15.2 W, 36 Vf, 450 mA	2700 K	1760 lm	115 lm/W	0 4 8 - 2 7 0 0 9 1 <input checked="" type="checkbox"/> W
	3000 K	1810 lm	119 lm/W	0 4 8 - 2 7 0 0 0 1 <input checked="" type="checkbox"/> W
	3500 K	1850 lm	122 lm/W	0 4 8 - 2 7 0 0 2 1 <input checked="" type="checkbox"/> W
	4000 K	1890 lm	124 lm/W	0 4 8 - 2 7 0 0 1 1 <input checked="" type="checkbox"/> W
22.7 W, 36 Vf, 650 mA	2700 K	2420 lm	106 lm/W	0 4 8 - 2 7 0 0 9 1 <input checked="" type="checkbox"/> W
	3000 K	2450 lm	108 lm/W	0 4 8 - 2 7 0 0 0 1 <input checked="" type="checkbox"/> W
	3500 K	2510 lm	111 lm/W	0 4 8 - 2 7 0 0 2 1 <input checked="" type="checkbox"/> W
	4000 K	2570 lm	113 lm/W	0 4 8 - 2 7 0 0 1 1 <input checked="" type="checkbox"/> W
23.8 W, 700 mA	CWD	2260 lm	95 lm/W	0 4 8 - 2 7 0 0 E 1 <input checked="" type="checkbox"/> W

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

**SASSO 100 round downlight (tunable white)****MEDIUM 33°, DALI-2**

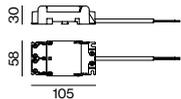
SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
24.1 W	2700 - 6500 K (tunable w., CRI ≥ 92)	1780 lm	74 lm/W	0 4 8 - 2 7 0 0 D 3 <input checked="" type="checkbox"/> M
27.6 W	1800 - 4000 K (tunable w., CRI ≥ 90)	1960 lm	71 lm/W	0 4 8 - 2 7 0 0 L 3 <input checked="" type="checkbox"/> M

The data values for the luminous flux may differ for specific order options by -6%. Luminous flux value refers to colour matt silver, traffic white. 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)	1820 lm	76 lm/W	0 4 8 - 2 7 0 0 D 3 <input checked="" type="checkbox"/> W
27.6 W	1800 - 4000 K (tunable w., CRI ≥ 90)	2010 lm	73 lm/W	0 4 8 - 2 7 0 0 L 3 <input checked="" type="checkbox"/> 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

**Mounting accessories (required)****MOUNTING SET trimless for plasterboard ceilings**

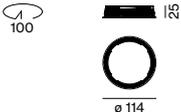
COLOUR	PLASTERBOARD CEILING THICKNESS	Ø-H (mm)	ORDER CODE
traffic white	12.5/15/25 mm	105-29	0 4 8 - 2 7 9 6 1 1 7

**MOUNTING SET trimless for soft acoustic ceilings**

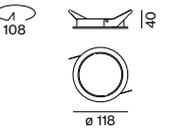
COLOUR	CEILING THICKNESS	Ø-H (mm)	ORDER CODE
traffic white	25-40 mm	114-27	0 4 8 - 2 7 9 6 1 9 7

**Order options**

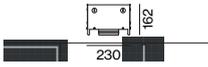
COLOUR	<input checked="" type="checkbox"/>	COLOUR
jet black RAL 9005	1	white aluminium RAL 9006
matt silver	4	traffic black RAL 9017
traffic white RAL 9016	7	
gold dust RAL 260-M	9	

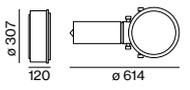
	<b>MOUNTING SET with trim for soft acoustic ceilings</b>	<b>COLOUR</b> traffic white	<b>CEILING THICKNESS</b> 25-40 mm	<b>Ø-H (mm)</b> 114-25	<b>ORDER CODE</b> 0 4 8 - 2 7 9 6 3 9 7
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	<b>MOUNTING SET with trim for soft acoustic ceilings</b>	<b>COLOUR</b> jet black	<b>CEILING THICKNESS</b> 25-40 mm	<b>Ø-H (mm)</b> 114-25	<b>ORDER CODE</b> 0 4 8 - 2 7 9 6 3 9 8
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	<b>MOUNTING SET with trim 1 lamp for intermediate ceilings, 2-25 mm</b>	<b>COLOUR</b> traffic white jet black white aluminium		<b>Ø-H (mm)</b> 118-40 118-40 118-40	<b>ORDER CODE</b> 0 4 8 - 2 7 9 6 3 1 7 0 4 8 - 2 7 9 6 3 1 8 0 4 8 - 2 7 9 6 3 1 G
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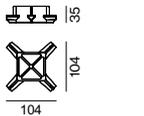
### Mounting accessories (optional)

	<b>EXPOSED CONCRETE MOUNTING HOUSING</b>	<b>COLOUR</b> white aluminium	<b>L-W-H (mm)</b> 230-230-162	<b>ORDER CODE</b> 0 4 8 - 2 7 9 5 2 1 0
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	<b>PRIMED CONCRETE MOUNTING HOUSING</b>	<b>L-W-H (mm)</b> 614-307-120		<b>ORDER CODE</b> 0 4 8 - 2 6 9 5 1 1 0
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order mounting set separately

### Mounting tools accessories (optional)

	<b>MOUNTING TOOL for soft acoustic ceilings</b>	<b>COLOUR</b> traffic black	<b>L-W-H (mm)</b> 104-104-35	<b>ORDER CODE</b> 0 4 8 - 2 7 9 5 9 1 8
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### Electrical accessories (required)

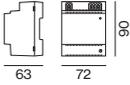
#### POWER SUPPLY PC2

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   28 W   DALI-2	176-264 V AC	η 85 %	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

### Order options

COLOUR		<input checked="" type="checkbox"/> COLOUR	
jet black RAL 9005	1	white aluminium	RAL 9006
matt silver	4	traffic black	RAL 9017
traffic white RAL 9016	7		
gold dust RAL 260-M	9		

## 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	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

### 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

## Optical accessories (optional)



### HONEYCOMB LOUVER for BO 55 | JUST 55 | SASSO 100

COLOUR	Ø-H (mm)	ORDER CODE
jet black	50-3	0 0 7 - 1 9 6 5 5 9 8

## Order options

COLOUR		<input checked="" type="checkbox"/>	COLOUR	
jet black RAL 9005	1		white aluminium	RAL 9006
matt silver	4		traffic black	RAL 9017
traffic white RAL 9016	7			
gold dust RAL 260-M	9			

# Modehaus Gaarhammer, Waldkirchen

Alemania

## Arquitecto

blocher partners  
GmbH Franziska Hütter

## Lighting Design

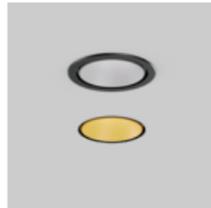
hailight  
Lichtplanung Andreas  
Haidegger

## Fotografía

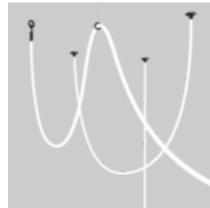
Joachim Grothus



## Productos utilizados



**SASSO 100 round  
downlight recessed 1  
lamp**



**JANE semi-  
recessed / surface /  
suspended**



**VARO 80 S**





