

# SASSO 80

## flush / offset trim / trimless

xal.com/sasso



### Quickinfo

#### GENERAL

recessed (with trim / trimless)  
IP20  
optional concrete install. housing

#### LED

COB LED module  
up to 86lm/W  
2700K, 3000K, 4000K, CWD  
CRI ≥ 90  
Binning initial ≤ 3 MacAdam

#### ESTIMATED LED LIFETIME

L80 / 50 000h

#### OPTICAL

direct illumination  
beam angle 6°, 27°, 37°  
optical accessories

#### ELECTRICAL

non DIM, DIM DALI

#### PHYSICAL

aluminium  
powder-coated

### Description

**DE** Runder Einbaustrahler aus Aluminiumdruckguss; optional mit zurückversetzter Leuchtenebene; werkzeuglose Montage im Montageset durch Kugelschnappsystem; 360° dreh- und 35° schwenkbar; Oberfläche weiß, silbergrau oder schwarz pulverbeschichtet; Einbau in unterschiedlichen Gehäusen möglich; optische Aufsätze sind als Zubehör erhältlich; passive Kühlung der LEDs durch optimierte Kühlkörpergeometrie; COB (Chip on Board) Technologie für höchste Effizienz; keine Bildung von Mehrfachschatten; energieeffiziente LEDs mit sehr guter Farbwiedergabe; Binning initial ≤ 3 MacAdam; lieferbar in den Lichtfarben 2700 K, 3000 K und 4000 K; optional mit CWD (Colour Warm Dimming); CRI ≥ 90; min. 80 % des Lichtstromes nach 50 000 h Lebensdauer hochwertiger Reflektor mit sphärischer Facettenoptik; präzise Abstrahlcharakteristik mit drei verschiedenen Ausstrahlwinkeln; werkzeuglos einsetz- bzw. austauschbar; Schutzart IP 20; SK II; optional DALI-dimmbar

**EN** Round recessed spotlight in die-cast aluminium; optionally with recessed lighting level; installation without tools in mounting set with ball catch system; 360° rotatable and 35° tiltable; surface white, silver-grey or black powder coated; installation possible in different housings; optical attachments available as accessories; passive cooling of LEDs with optimised heat sink geometry; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; energy-efficient LEDs with very good colour rendering; binning initial ≤ 3 MacAdam; available in the light colours 2700K, 3000K and 4000K; optional with CWD (Colour Warm Dimming); CRI ≥ 90; min. 80% of the luminous flux after 50 000 hours; high quality reflector with spherical facet finish; precise radiation characteristic with three different beam angles; installed and exchanged without tools; protection class IP 20; PC II; optional DALI dimmable

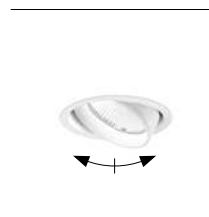
### Features



exchangeable light engine



installation possible in square mounting set



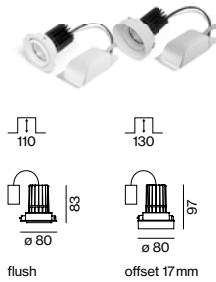
rotation adjustment 360°, tilt adjustm. 35°



skimmed into plasterboard ceiling (trimless)

### Standard configuration

<b>MOUNTING TYPE</b>	☒
flush	1
offset	2
<b>COLOUR TEMPERATURE</b>	☐☐☐
3000 K	5
<b>CONTROL</b>	⬆⬆
non DIM	1
<b>MATERIAL COLOUR</b>	☑
white	7
7	
<b>REFLECTOR</b>	▲
flood 37°	F



### SASSO 80 flush/offset

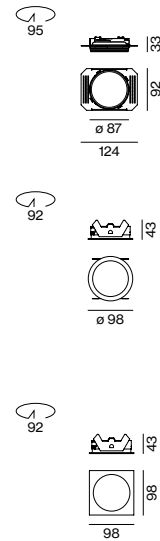
↻ 360° ↻ 35°	CRI > 90	DALI 1ADDR.	220-240V	IP20	↑ IP20 ↓ IP44	CB
<b>SYS POWER</b>	<b>COLOUR TEMP.</b>	<b>LUMINOUS FLUX</b>	<b>ORDER CODE</b>			
8 W	2700 K	630 lm	0 4 8 - 2 3 0 0 :: 1 ☑ ▲			
	3000 K	660 lm				
	4000 K	700 lm				
<b>10 W CWD</b>	<b>1800-3000 K (CRI ≥ 95)</b>	<b>500 lm</b>	0 4 8 - 2 3 0 0 3 ☑ M			
12 W	2700 K	950 lm	0 4 8 - 2 3 0 2 :: ☑ ▲			
	3000 K	980 lm				
	4000 K	1050 lm				

### LIGHT DISTRIBUTION for 12 W, 3000 K

super spot 6° (8 W)			medium 27°			flood 37°		
h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)
1	21750	ø0,11	1	2534	ø0,48	1	1826	ø0,68
2	5437	ø0,21	2	633	ø0,96	2	456	ø1,36
3	2416	ø0,32	3	281	ø1,44	3	202	ø2,03
4	1359	ø0,43	4	158	ø1,92	4	114	ø2,71
5	870	ø0,53	5	101	ø2,40	5	73	ø3,39

### Extended configuration

<b>COLOUR TEMPERATURE</b>	☐☐☐
2700 K	4
4000 K	6
<b>CONTROL</b>	⬆⬆
DIM DALI	3
<b>MATERIAL COLOUR</b>	☑
silver-grey	G
black	8
G 8	
+5% surcharges	
<b>REFLECTOR</b>	▲
medium 27°	M
<b>LENS</b>	▲
super spot 6° (only 8 W non DIM)	V



### Mounting accessories

#### TRIMLESS MOUNTING SET

for installation in plasterboard ceilings 12/15/25 mm

<b>TYPE</b>	<b>ORDER CODE</b>
flush	0 5 2 - 1 9 2 1 3 2 7
offset	0 5 2 - 1 9 3 1 3 2 7

#### ROUND MOUNTING SET WITH TRIM

for intermediate ceilings 2-25 mm

<b>TYPE</b>	<b>ORDER CODE</b>
flush	0 5 2 - 1 9 2 2 3 2 ☑
offset white	0 5 2 - 1 9 3 2 3 2 7
offset black	0 5 2 - 1 9 3 2 3 2 8

#### SQUARE MOUNTING SET WITH TRIM

for intermediate ceilings 2-25 mm

<b>TYPE</b>	<b>ORDER CODE</b>
flush	0 5 2 - 1 9 4 2 3 1 ☑
offset white	0 5 2 - 1 9 5 2 3 1 7
offset black	0 5 2 - 1 9 5 2 3 1 8

#### CONCRETE MOUNTING HOUSING

for 8 W

<b>TYPE</b>	<b>L/ø-WH (mm)</b>	<b>ORDER CODE</b>
exposed concrete ceilings*	229-227-160	0 6 0 - 0 0 0 8 0
primed concrete ceilings**	ø240-400-130	0 5 2 - 1 9 1 4 3 2 0

\*only for flush mounting

\*\*order mounting set separately

### Options on request

<b>CONTROL</b>
phase-cut DIM



### Optical accessories

<b>TYPE</b>	<b>ORDER CODE</b>
honeycomb louver	0 4 8 - 2 0 9 1 3 1 ☑
linear prismatic lens	0 4 8 - 2 0 9 2 3 1 ☑
snoot	0 4 8 - 2 0 9 1 1 1 ☑
snoot with honeycomb louver	0 4 8 - 2 0 9 1 2 1 ☑

use only 1 optical accessory



## Inspiration

Private Residence  
Zurich, Switzerland

**PRODUCT**  
SASSO 80 trimless flush  
SASSO 100 asymmetric

**ARCHITECT**  
Think Architecture AG  
Zurich, Switzerland





# SASSO 80

## downlight

### trim / trimless

xal.com/sasso



#### Quickinfo

##### GENERAL

recessed (with trim / trimless)  
IP20, IP44  
optional concrete install. housing

##### LED

COB LED module  
up to 90 lm/W  
2700K, 3000K, 4000K, CWD  
CRI ≥ 90  
Binning initial ≤ 3 MacAdam

##### ESTIMATED LED LIFETIME

L80 / 50 000 h

##### OPTICAL

direct illumination (UGR < 19)  
beam angle 25°, 36°

##### ELECTRICAL

non DIM, DIM DALI

##### PHYSICAL

aluminium  
chrome, high-gloss

#### Description

**DE** Runder Einbaustrahler aus Aluminiumdruckguss; werkzeuglose Montage im Montageset durch Kugelschnappsystem; Oberfläche chrom poliert, gold Hochglanz, kupfer Hochglanz, schwarz Hochglanz oder weiß matt; Einbau in unterschiedlichen Gehäusen möglich; passive Kühlung der LEDs durch optimierte Kühlkörpergeometrie; COB (Chip on Board) Technologie für höchste Effizienz; keine Bildung von Mehrfachschatten; bildschirmtaugliche Arbeitsplatzleuchte nach DIN EN 12464-1 (UGR < 19); energieeffiziente LEDs mit sehr guter Farbwiedergabe; Binning initial ≤ 3 MacAdam; lieferbar in den Lichtfarben 2700K, 3000K und 4000K; optional mit CWD (Colour Warm Dimming); CRI ≥ 90; min. 80 % des Lichtstromes nach 50 000 h Lebensdauer hochwertiger Reflektor mit sphärischer Facettenoptik; präzise Abstrahlcharakteristik mit zwei verschiedenen Ausstrahlwinkeln; werkzeuglos einsetz- bzw. austauschbar; Schutzart IP20 oder IP44; SK II; optional DALI-dimmbar

**EN** Round recessed spotlight in die-cast aluminium; installation without tools in mounting set with ball catch system; polished chrome surface, high gloss gold, high gloss copper, high gloss black or matt white; installation possible in different housings; passive cooling of LEDs with optimised heat sink geometry; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; workplace light suitable for VDUs according to DIN EN 12464-1 (UGR < 19); energy-efficient LEDs with very good colour rendering; binning initial ≤ 3 MacAdam; available in the light colours 2700K, 3000K and 4000K; optional with CWD (Colour Warm Dimming); CRI ≥ 90; min. 80% of the luminous flux after 50 000 hours; high quality reflector with spherical facet finish; precise radiation characteristic with two different beam angles; installed and exchanged without tools; protection class IP20 or IP44; PC II; optional DALI dimmable

#### Features



exchangeable light engine



installation possible in square mounting set



surface high-gloss gold or black available



skimmed into plasterboard ceiling (trimless)

### Standard configuration

**COLOUR TEMPERATURE**     
3000K 5

**CONTROL**     
non DIM 1

**MATERIAL COLOUR**     
chrome 4



**REFLECTOR**     
flood 36° F

### Extended configuration

**COLOUR TEMPERATURE**     
2700K 4  
4000K 6

**CONTROL**     
DIM DALI 3

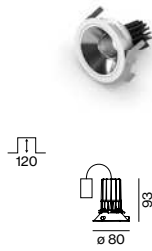
**MATERIAL COLOUR**     
gold high-gloss 9  
black-chrome high-gloss 1  
copper high-gloss 6  
white matt 7



**REFLECTOR**     
medium 25° M

### Options on request

**CONTROL**     
phase-cut DIM



### SASSO 80 downlight



SYS. POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE	
8 W	2700K	660 lm	0 4 8 - 2 3 7 0 :: 1 ▣ F	
	3000K	690 lm		
	4000K	730 lm		
10 W CWD	1800-3000K (CRI ≥ 95)		0 4 8 - 2 3 7 0 0 3 ▣ M	
	12 W	2700K		990 lm
		3000K		1020 lm
	4000K	1100 lm		
12 W IP 44	3000K		8 4 8 - 2 3 7 2 5 ÷ 4 F	
		1020 lm		

### LIGHT DISTRIBUTION for 12W, 3000K

medium 25°			flood 36°		
h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)
1	2738	ø0,44	1	1920	ø0,65
2	684	ø0,88	2	480	ø1,30
3	304	ø1,32	3	213	ø1,95
4	171	ø1,76	4	120	ø2,60
5	109	ø2,21	5	76	ø3,25

### Mounting accessories

#### TRIMLESS MOUNTING SET

for installation in plasterboard ceilings 12/15/25 mm

**COLOUR**     
white 0 5 2 - 1 9 2 1 3 2 7

#### ROUND MOUNTING SET WITH TRIM

for intermediate ceilings 2-25 mm

**COLOUR**     
grey 0 5 2 - 1 9 2 2 3 2 G  
white 0 5 2 - 1 9 2 2 3 2 7  
black 0 5 2 - 1 9 2 2 3 2 8

#### SQUARE MOUNTING SET WITH TRIM

for intermediate ceilings 2-25 mm

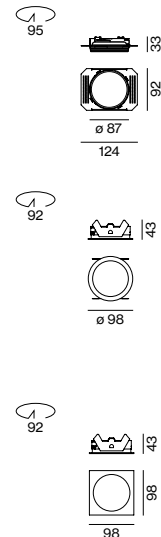
**COLOUR**     
white 0 5 2 - 1 9 4 2 3 1 7  
black 0 5 2 - 1 9 4 2 3 1 8

#### CONCRETE MOUNTING HOUSING

for 8 W

**TYPE**    **LWH (mm)** **ORDER CODE**  
exposed concrete ceilings 229-227-160 0 6 0 - 0 0 0 8 0  
primed concrete ceilings\* ø240-400-130 0 5 2 - 1 9 1 4 3 2 0

\*order mounting set separately



## Inspiration

Spreedreieck  
Berlin, Germany

**ARCHITECT**  
AUKETT + HEESE GmbH  
Berlin, Germany

**PRODUCT**  
SASSO 80 downlight  
trimless







# SASSO 100

## flush / offset trim / trimless

xal.com/sasso



### Quickinfo

#### GENERAL

recessed (with trim / trimless)  
IP20  
optional concrete install. housing

#### LED

COB LED module  
up to 100 lm/W  
2700K, 3000K, 4000K, CWD  
CRI ≥ 90  
Binning initial ≤ 3 MacAdam

#### ESTIMATED LED LIFETIME

L80 / 50 000 h

#### OPTICAL

direct illumination  
beam angle 18°, 24°, 36°  
optical accessories

#### ELECTRICAL

non DIM, DIM DALI

#### PHYSICAL

aluminium  
powder-coated

### Description

**DE** Runder Einbaustrahler aus Aluminiumdruckguss; optional mit zurückversetzter Leuchtenebene; werkzeuglose Montage im Montageset durch Kugelschnappsystem; 360° dreh- und 35° schwenkbar; Oberfläche weiß, silbergrau oder schwarz pulverbeschichtet; Einbau in unterschiedlichen Gehäusen möglich; optische Aufsätze sind als Zubehör erhältlich; passive Kühlung der LEDs durch optimierte Kühlkörpergeometrie; COB (Chip on Board) Technologie für höchste Effizienz; keine Bildung von Mehrfachschatten; energieeffiziente LEDs mit sehr guter Farbwiedergabe; Binning initial ≤ 3 MacAdam; lieferbar in den Lichtfarben 2700 K, 3000 K und 4000 K; optional mit CWD (Colour Warm Dimming); CRI ≥ 90; min. 80 % des Lichtstromes nach 50 000 h Lebensdauer hochwertiger Reflektor mit sphärischer Facettenoptik, präzise Abstrahlcharakteristik mit drei verschiedenen Ausstrahlwinkeln; werkzeuglos einsetz- bzw. austauschbar; Schutzart IP 20; SK II; optional DALI-dimmbar

**EN** Round recessed spotlight in die-cast aluminium; optionally with recessed lighting level; installation without tools in mounting set with ball catch system; 360° rotatable and 35° tiltable; surface white, silver-grey or black powder coated; installation possible in different housings; optical attachments available as accessories; passive cooling of LEDs with optimised heat sink geometry; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; energy-efficient LEDs with very good colour rendering; binning initial ≤ 3 MacAdam; available in the light colours 2700K, 3000K and 4000K; optional with CWD (Colour Warm Dimming); CRI ≥ 90; min. 80% of the luminous flux after 50 000 hours; high-quality reflector with spherical facet effect design, precise radiation characteristic with three different beam angles; installed and exchanged without tools; protection class IP 20; PC II; optional DALI dimmable

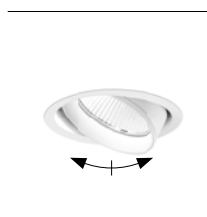
### Features



exchangeable light engine



installation possible in square mounting set



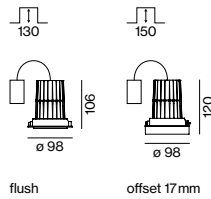
rotation adjustment 360°, tilt adjustm. 35°



skimmed into plasterboard ceiling (trimless)

### Standard configuration

<b>MOUNTING TYPE</b>	☒
flush	1
offset	2
<b>COLOUR TEMPERATURE</b>	☐☐
3000 K	5
<b>CONTROL</b>	⬆
non DIM	1
<b>MATERIAL COLOUR</b>	☑
white	7
<div style="border: 1px solid black; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center; margin: 0 auto;">7</div>	
<b>REFLECTOR</b>	▲
flood 36°	F



### SASSO 100 flush / offset



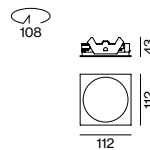
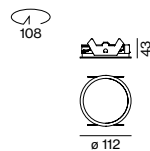
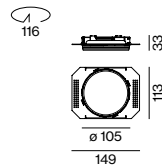
SYS. POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
15 W	2700 K	1360 lm	0 4 8 - 2 4 0 0 ☐☐▲
	3000 K	1410 lm	
	4000 K	1510 lm	
15 W CWD	1800-3000 K (CRI ≥ 95)	1030 lm	0 4 8 - 2 4 0 1 0 3 ☐F
27 W	2700 K	2140 lm	0 4 8 - 2 4 0 2 ☐☐▲
	3000 K	2220 lm	
	4000 K	2370 lm	

### LIGHT DISTRIBUTION for 27W, 3000K

spot 18°			medium 24°			flood 36°		
h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)
1	14162	ø0,31	1	9171	ø0,42	1	5376	ø0,65
2	3540	ø0,62	2	2292	ø0,84	2	1344	ø1,31
3	1573	ø0,93	3	1019	ø1,27	3	597	ø1,96
4	885	ø1,24	4	573	ø1,69	4	336	ø2,61
5	566	ø1,55	5	366	ø2,11	5	215	ø3,27

### Extended configuration

<b>COLOUR TEMPERATURE</b>	☐☐
2700 K	4
4000 K	6
<b>CONTROL</b>	⬆
DIM DALI	3
<b>MATERIAL COLOUR</b>	☑
silver-grey	G
black	8
<div style="display: flex; justify-content: space-around; width: 100px;"> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">G</div> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">8</div> </div>	
+5% surcharges	
<b>REFLECTOR</b>	▲
spot 18°	S
medium 24°	M



### Mounting accessories

#### TRIMLESS MOUNTING SET

for installation in plasterboard ceilings 12/15/25 mm

TYPE	ORDER CODE
flush	0 5 2 - 1 9 2 1 4 4 7
offset	0 5 2 - 1 9 3 1 4 4 7

#### ROUND MOUNTING SET WITH TRIM

for intermediate ceilings 2-25 mm

TYPE	ORDER CODE
flush	0 5 2 - 1 9 2 2 4 4 ☐
offset white	0 5 2 - 1 9 3 2 4 4 7
offset black	0 5 2 - 1 9 3 2 4 4 8

#### SQUARE MOUNTING SET WITH TRIM

for intermediate ceilings 2-25 mm

TYPE	ORDER CODE
flush	0 5 2 - 1 9 4 2 4 1 ☐
offset white	0 5 2 - 1 9 5 2 4 1 7
offset black	0 5 2 - 1 9 5 2 4 1 8

### Options on request

<b>CONTROL</b>	
phase-cut DIM	
<b>LENS</b>	
beam angle 14°, 24°	



#### CONCRETE MOUNTING HOUSING

for 13 W and 18 W

TYPE	L/ø-WH (mm)	ORDER CODE
exposed concrete ceilings*	229-227-160	0 5 2 - 1 9 1 3 4 1 0
primed concrete ceilings**	ø240-400-130	0 5 2 - 1 9 1 4 4 2 0

\*only for flush mounting; \*\*order mounting set separately

### Optical accessories

TYPE	ORDER CODE
honeycomb louver	0 4 8 - 2 1 9 1 3 1 ☐
linear prismatic lens	0 4 8 - 2 1 9 2 3 1 ☐
snoot	0 4 8 - 2 1 9 1 1 1 ☐
snoot with honeycomb louver	0 4 8 - 2 1 9 1 2 1 ☐

use only 1 optical accessory



## Inspiration

Hotel Lanser Hof  
Tegernsee, Germany

**PRODUCT**  
SASSO 100 offset trimless

**ARCHITECT**  
ingenhoven architects  
Dusseldorf, Germany

**LIGHTING DESIGN**  
TROPP Lighting  
Weilheim, Germany





## Inspiration

Fashion Store Leffers  
Oldenburg, Germany

**ARCHITECT**  
Blocher Blocher Partners  
Stuttgart, Germany

**LIGHTING DESIGN**  
VEDDER.LICHTMANAGEMENT  
Munich, Germany

**PRODUCT**  
SASSO 100 offset trimless

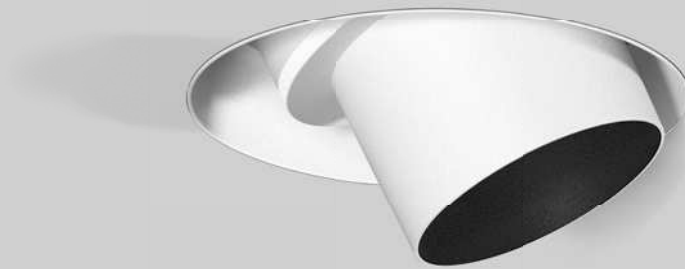




# SASSO 100 WLS

## offset

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### Quickinfo

#### GENERAL

recessed (with trim / trimless)  
IP20

#### LED

COB LED module  
up to 65 lm/W  
2700K, 3000K, 4000K  
CRI ≥ 90  
Binning initial ≤ 3 MacAdam

#### ESTIMATED LED LIFETIME

L80/50 000h

#### OPTICAL

direct illumination  
beam angle 18°, 24°

#### ELECTRICAL

non DIM, DIM DALI

#### PHYSICAL

aluminium  
powder-coated

### Description

**DE** Runder Einbaustrahler aus Aluminiumdruckguss; zurückversetzte Leuchtenebene; werkzeuglose Montage im Montageset durch Kugelschnappsystem; 360° dreh- und 35° schwenkbar; Oberfläche weiß, silbergrau oder schwarz pulverbeschichtet; Einbau in unterschiedlichen Gehäusen möglich; optische Aufsätze sind als Zubehör erhältlich; passive Kühlung der LEDs durch optimierte Kühlkörpergeometrie; COB (Chip on Board) Technologie für höchste Effizienz; keine Bildung von Mehrfachschatten; energieeffiziente LEDs mit sehr guter Farbwiedergabe; Binning initial ≤ 3 MacAdam; lieferbar in den Lichtfarben 2700 K, 3000 K und 4000 K; CRI ≥ 90; min. 80 % des Lichtstromes nach 50 000 h Lebensdauer hochwertiger Reflektor mit sphärischer Facettenoptik; präzise Abstrahlcharakteristik mit zwei verschiedenen Ausstrahlwinkeln; werkzeuglos einsetz- bzw. austauschbar; Schutzart IP20; SK II; optional DALI-dimmbar

**EN** Round recessed spotlight in die-cast aluminium; offset lighting level; installation without tools in mounting set with ball catch system; 360° rotatable and 35° tiltable; surface white, silver-grey or black powder coated; installation possible in different housings; optical attachments available as accessories; passive cooling of LEDs with optimised heat sink geometry; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; energy-efficient LEDs with very good colour rendering; binning initial ≤ 3 MacAdam; available in the light colours 2700K, 3000K and 4000K; CRI ≥ 90; min. 80% of the luminous flux after 50000 hours; high quality reflector with spherical facet finish; precise radiation characteristic with two different beam angles; installed and exchanged without tools; protection class IP20; PC II; optional DALI dimmable

### Features



exchangeable light engine



installation possible in square mounting set



patented ball catch system



skimmed into plaster-board ceiling (trimless)

**Standard configuration**

**COLOUR TEMPERATURE** ☰  
3000 K 5

**CONTROL** ◀▶  
non DIM 1

**MATERIAL COLOUR** ☑  
white 7



**REFLECTOR** ▲  
spot 18° S

**Extended configuration**

**COLOUR TEMPERATURE** ☰  
2700 K 4  
4000 K 6

**CONTROL** ◀▶  
DIM DALI 3

**MATERIAL COLOUR** ☑  
silver-grey G  
black 8

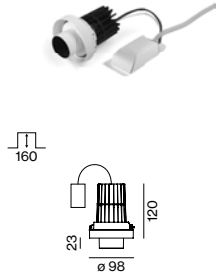


+5% surcharges

**REFLECTOR** ▲  
medium 24° M

**Options on request**

**CONTROL**  
phase-cut DIM



**SASSO 100 WLS offset**



SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
16 W	2700 K	930 lm	0 4 8 - 2 4 3 0 :: ◀ ▶ ▲
	3000 K	1000 lm	
	4000 K	1010 lm	
28 W	2700 K	1470 lm	0 4 8 - 2 4 3 2 :: ◀ ▶ ▲
	3000 K	1580 lm	
	4000 K	1580 lm	

**LIGHT DISTRIBUTION** for 28 W, 3000 K

spot 18°			medium 24°		
h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)
1	10092	ø0,31	1	6258	ø0,42
2	2523	ø0,62	2	1564	ø0,84
3	1121	ø0,93	3	695	ø1,27
4	630	ø1,24	4	391	ø1,69
5	403	ø1,55	5	250	ø2,11

**Mounting accessories**

**TRIMLESS MOUNTING SET OFFSET**

for installation in plasterboard ceilings 12/15/25 mm

**COLOUR**  
white **ORDER CODE**  
0 5 2 - 1 9 3 1 4 4 7

**ROUND MOUNTING SET OFFSET WITH TRIM**

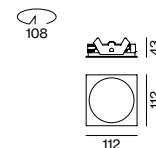
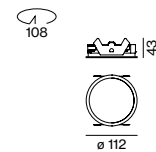
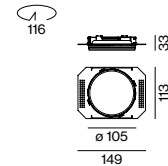
for intermediate ceilings 2-25 mm

**COLOUR**  
white **ORDER CODE**  
0 5 2 - 1 9 3 2 4 4 7  
black 0 5 2 - 1 9 3 2 4 4 8

**SQUARE MOUNTING SET OFFSET WITH TRIM**

for intermediate ceilings 2-25 mm

**COLOUR**  
white **ORDER CODE**  
0 5 2 - 1 9 5 2 4 1 7





# SASSO 100

## downlight

### trim / trimless

xal.com/sasso



### Quickinfo

#### GENERAL

recessed (with trim / trimless)  
IP 20, IP 44  
optional concrete install. housing

#### LED

COB LED module  
up to 100 lm/W  
2700 K, 3000 K, 4000 K, CWD  
CRI ≥ 90  
Binning initial ≤ 3 MacAdam

#### ESTIMATED LED LIFETIME

L80 / 50 000 h

#### OPTICAL

direct illumination (UGR < 19)  
beam angle 24°, 39°

#### ELECTRICAL

non DIM, DIM DALI

#### PHYSICAL

aluminium  
chrome, high-gloss

### Description

**DE** Runder Einbaustrahler aus Aluminiumdruckguss; werkzeuglose Montage im Montageset durch Kugelschnappsystem; Oberfläche chrom poliert, gold Hochglanz, kupfer Hochglanz, schwarz Hochglanz oder weiß matt; Einbau in unterschiedlichen Gehäusen möglich; passive Kühlung der LEDs durch optimierte Kühlkörpergeometrie; COB (Chip on Board) Technologie für höchste Effizienz; keine Bildung von Mehrfachschatten; bildschirmtaugliche Arbeitsplatzleuchte nach DIN EN 12464-1 (UGR < 19); energieeffiziente LEDs mit sehr guter Farbwiedergabe; Binning initial ≤ 3 MacAdam; lieferbar in den Lichtfarben 2700 K, 3000 K und 4000 K; optional mit CWD (Colour Warm Dimming); CRI ≥ 90; min. 80 % des Lichtstromes nach 50 000 h Lebensdauer hochwertiger Reflektor mit sphärischer Facettenoptik; präzise Abstrahlcharakteristik mit zwei verschiedenen Ausstrahlwinkeln; werkzeuglos einsetz- bzw. austauschbar; Schutzart IP 20 oder IP 44; SK II; optional DALI-dimmbar

**EN** Round recessed spotlight in die-cast aluminium; installation without tools in mounting set with ball catch system; polished chrome surface, high gloss gold, high gloss copper, high gloss black or matt white; installation possible in different housings; passive cooling of LEDs with optimised heat sink geometry; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; workplace light suitable for VDUs according to DIN EN 12464-1 (UGR < 19); energy-efficient LEDs with very good colour rendering; binning initial ≤ 3 MacAdam; available in the light colours 2700 K, 3000 K and 4000 K; optional with CWD (Colour Warm Dimming); CRI ≥ 90; min. 80 % of the luminous flux after 50 000 hours; high quality reflector with spherical facet finish; precise radiation characteristic with two different beam angles; installed and exchanged without tools; protection class IP 20 or IP 44; PC II; optional DALI dimmable

### Features



exchangeable light engine



installation possible in square mounting set



surface high-gloss gold or black available



skimmed into plaster-board ceiling (trimless)

### Standard configuration

**COLOUR TEMPERATURE**   
3000 K 5


**CONTROL**   
non DIM 1

**MATERIAL COLOUR**   
chrome 4




**REFLECTOR**   
flood 39° F

### Extended configuration

**COLOUR TEMPERATURE**   
2700 K 4  
4000 K 6

**CONTROL**   
DIM DALI 3

**MATERIAL COLOUR**   
gold high-gloss 9  
black-chrome high-gloss 1  
copper high-gloss 6  
white matt 7

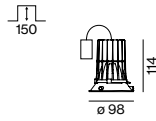


**REFLECTOR**   
medium 24° M

### Options on request

























**CONTROL**  
phase-cut DIM

**REFLECTOR**  
spot 16° (only for non CWD)



### SASSO 100 downlight



SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
15 W	2700 K	1390 lm	0 4 8 - 2 4 7 0      
	3000 K	1450 lm	
	4000 K	1550 lm	
15 W CWD	1800-3000 K	1080 lm	0 4 8 - 2 4 7 1 0 3      
27 W	2700 K	2190 lm	0 4 8 - 2 4 7 2      
	3000 K	2280 lm	
	4000 K	2440 lm	
27 W IP 44	3000 K	2280 lm	8 4 8 - 2 4 7 2 5      

### LIGHT DISTRIBUTION for 27 W, 3000 K

medium 24°			flood 39°		
h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)
1	8722	ø0,42	1	4674	ø0,71
2	2180	ø0,84	2	1168	ø1,43
3	969	ø1,26	3	519	ø2,14
4	545	ø1,68	4	292	ø2,85
5	348	ø2,10	5	186	ø3,56

### Mounting accessories

#### TRIMLESS MOUNTING SET

for installation in plasterboard ceilings 12/15/25 mm

**COLOUR** white **ORDER CODE** 0 5 2 - 1 9 2 1 4 4 7

#### ROUND MOUNTING SET WITH TRIM

for intermediate ceilings 2-25 mm

**COLOUR** grey **ORDER CODE** 0 5 2 - 1 9 2 2 4 4 G  
white **ORDER CODE** 0 5 2 - 1 9 2 2 4 4 7  
black **ORDER CODE** 0 5 2 - 1 9 2 2 4 4 8

#### SQUARE MOUNTING SET WITH TRIM

for intermediate ceilings 2-25 mm

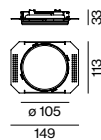
**COLOUR** white **ORDER CODE** 0 5 2 - 1 9 4 2 4 1 7  
black **ORDER CODE** 0 5 2 - 1 9 4 2 4 1 8

#### CONCRETE MOUNTING HOUSING

for 13 W and 18 W

**TYPE** **L-W-H (mm)** **ORDER CODE**  
exposed concrete ceilings 229·227·160 0 5 2 - 1 9 1 3 4 1 0  
primed concrete ceilings\* ø240·400·130 0 5 2 - 1 9 1 4 4 2 0

\*order mounting set separately



## Inspiration

Private Residence  
Vienna, Austria

**PRODUCT**  
SASSO 100 downlight trimless

**ARCHITECT**  
ad2 architekten  
Weiden/See, Austria





# SASSO 100 / 150

## asymmetric

xal.com/sasso



### Quickinfo

#### GENERAL

recessed  
IP 40

#### LED

COB LED module  
up to 93lm/W  
2700K, 3000K, 4000K  
CRI ≥ 90  
Binning initial ≤ 3 MacAdam

#### ESTIMATED LED LIFETIME

L80/50 000h

#### OPTICAL

asymmetric illumination

#### ELECTRICAL

non DIM, DIM DALI

#### PHYSICAL

aluminium  
powder-coated

### Description

**DE** Runder Einbaustrahler aus Aluminiumdruckguss mit asymmetrischer Abstrahlcharakteristik; mittels Montagefeder werkzeuglos montierbar; Oberfläche weiß, silbergrau oder schwarz pulverbeschichtet; passive Kühlung der LEDs durch optimierte Kühlkörpergeometrie; COB (Chip on Board) Technologie für höchste Effizienz; keine Bildung von Mehrfachschatten; energieeffiziente LEDs mit sehr guter Farbwiedergabe; Binning initial ≤ 3 MacAdam; lieferbar in den Lichtfarben 2700 K, 3000 K und 4000 K; CRI ≥ 90; min. 80 % des Lichtstromes nach 50 000 h Lebensdauer hochwertiger Aluminiumreflektor mit sphärischer Facettenoptik; Schutzart IP 40; SK II; optional DALI-dimmbar

**EN** Round recessed spotlight in die-cast aluminium with asymmetric radiation characteristic; spring mounting without tools; surface white, silver-grey or black powder coated; passive cooling of LEDs with optimised heat sink geometry; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; energy-efficient LEDs with very good colour rendering; binning initial ≤ 3 MacAdam; available in the light colours 2700 K, 3000 K and 4000 K; CRI ≥ 90; min. 80 % of the luminous flux after 50 000 hours; high quality aluminium reflector with spherical facet finish; protection class IP 40; PC II; optional DALI dimmable

### Standard configuration

**COLOUR TEMPERATURE** ☼☼  
3000 K 5

**CONTROL** ⬆️⬆️  
non DIM 1

**MATERIAL COLOUR** ☑️  
white 7



**REFLECTOR**  
asymmetric

### Extended configuration

**COLOUR TEMPERATURE** ☼☼  
2700 K 4  
4000 K (only for SASSO 150) 6

**CONTROL** ⬆️⬆️  
DIM DALI 3

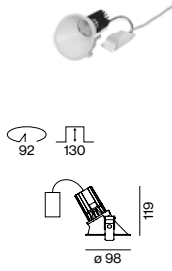
**MATERIAL COLOUR** ☑️  
silver-grey G  
black 8



+5% surcharges

### Options on request

**CONTROL**  
phase-cut DIM

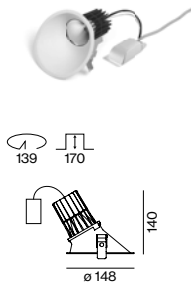
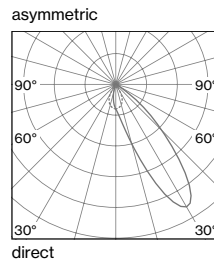


### SASSO 100 asymmetric



SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
8 W	2700 K	610 lm	0 4 8 - 2 4 0 0 :: 1 ☑️ M
	3000 K	640 lm	
12 W	2700 K	920 lm	0 4 8 - 2 4 0 2 :: 1 ☑️ M
	3000 K	950 lm	

### LIGHT DISTRIBUTION

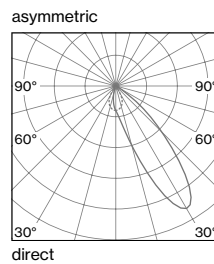


### SASSO 150 asymmetric



SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
15 W	2700 K	1300 lm	0 4 8 - 2 5 0 0 :: 1 ☑️ M
	3000 K	1350 lm	
	4000 K	1440 lm	
27 W	2700 K	2040 lm	0 4 8 - 2 5 0 2 :: 1 ☑️ M
	3000 K	2120 lm	
	4000 K	2270 lm	

### LIGHT DISTRIBUTION



## Inspiration

Private Residence  
Zurich, Switzerland

**ARCHITECT**  
Think Architecture AG  
Zurich, Switzerland

**PRODUCT**  
SASSO 80 flush trimless  
SASSO 100 asymmetric







# SASSO 150

## flush / offset trim / trimless

xal.com/sasso



### Quickinfo

#### GENERAL

recessed (with trim / trimless)  
IP20  
optional concrete install. housing

#### LED

COB LED module  
up to 102lm/W  
3000K, 4000K  
CRI ≥ 90  
Binning initial ≤ 3 MacAdam

#### ESTIMATED LED LIFETIME

L80 / 50 000h

#### OPTICAL

direct illumination  
beam angle 14°, 25°, 41°  
optical accessories

#### ELECTRICAL

non DIM, DIM DALI

#### PHYSICAL

aluminium  
powder-coated

### Description

**DE** Runder Einbaustrahler aus Aluminiumdruckguss; optional mit zurückversetzter Leuchtenebene; werkzeuglose Montage im Montageset durch Kugelschnappsystem; 360° dreh- und 35° schwenkbar; Oberfläche weiß, silbergrau oder schwarz pulverbeschichtet; Einbau in unterschiedlichen Gehäusen möglich; optische Aufsätze sind als Zubehör erhältlich; passive Kühlung der LEDs durch optimierte Kühlkörpergeometrie; COB (Chip on Board) Technologie für höchste Effizienz; keine Bildung von Mehrfachschatten; energieeffiziente LEDs mit sehr guter Farbwiedergabe; Binning initial ≤ 3 MacAdam; lieferbar in den Lichtfarben 3000K und 4000K; CRI ≥ 90; min. 80% des Lichtstromes nach 50 000h Lebensdauer hochwertiger Aluminiumreflektor mit sphärischer Facettenoptik; hochglänzend eloxiert; präzise Abstrahlcharakteristik mit drei verschiedenen Ausstrahlwinkeln; werkzeuglos einsetz- bzw. austauschbar; Schutzart IP20; SK II; optional DALI-dimmbar

**EN** Round recessed spotlight in die-cast aluminium; optionally with recessed lighting level; installation without tools in mounting set with ball catch system; 360° rotatable and 35° tiltable; surface white, silver-grey or black powder coated; installation possible in different housings; optical attachments available as accessories; passive cooling of LEDs with optimised heat sink geometry; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; energy-efficient LEDs with very good colour rendering; binning initial ≤ 3 MacAdam; available in the light colours 3000K and 4000K; CRI ≥ 90; min. 80% of the luminous flux after 50 000 hours; high quality aluminium reflector with spherical facet finish; high gloss anodised; precise radiation characteristic with three different beam angles; installed and exchanged without tools; protection class IP20; PC II; optional DALI dimmable

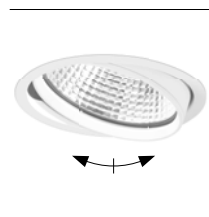
### Features



exchangeable light engine



installation possible in square mounting set



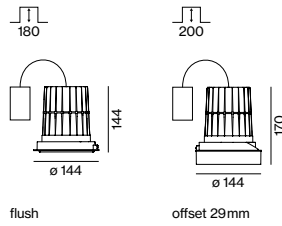
rotation adjustment 360°, tilt adjustm. 35°



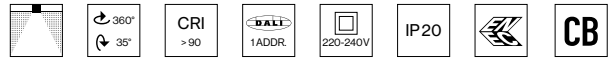
skimmed into plasterboard ceiling (trimless)

### Standard configuration

<b>MOUNTING TYPE</b>	☒
flush	1
offset	2
<b>COLOUR TEMPERATURE</b> ☐☐☐	
3000 K	5
<b>CONTROL</b> ⬆️⬆️	
non DIM	1
<b>MATERIAL COLOUR</b> ☑️	
white	7
<div style="border: 1px solid black; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center; margin: 5px auto;">7</div>	
<b>REFLECTOR</b> ▲	
flood 41°	F



### SASSO 150 flush/offset



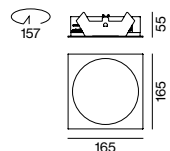
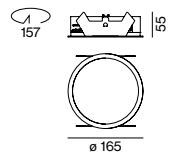
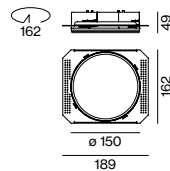
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
28 W	3000 K	2670 lm	0 4 8 - 2 5 0 0 :: ☐☐▲
	4000 K	2860 lm	
44 W	3000 K	3590 lm	0 4 8 - 2 5 0 1 :: ☐☐▲
	4000 K	3850 lm	
52 W	3000 K	4270 lm	0 4 8 - 2 5 0 2 :: ☐☐▲
	4000 K	4580 lm	

#### LIGHT DISTRIBUTION for 52 W, 3000 K

spot 14°			medium 25°			flood 41°		
h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)
1	38175	ø0,24	1	17350	ø0,44	1	7656	ø0,74
2	9543	ø0,49	2	4337	ø0,87	2	1914	ø1,48
3	4241	ø0,73	3	1927	ø1,31	3	850	ø2,22
4	2385	ø0,97	4	1084	ø1,75	4	478	ø2,96
5	1527	ø1,21	5	694	ø2,18	5	306	ø3,70

### Extended configuration

<b>COLOUR TEMPERATURE</b> ☐☐☐	
4000 K	6
<b>CONTROL</b> ⬆️⬆️	
DIM DALI	3
<b>MATERIAL COLOUR</b> ☑️	
silver-grey	G
black	8
<div style="display: flex; gap: 5px;"> <div style="background-color: black; color: white; padding: 2px 5px;">G</div> <div style="background-color: black; color: white; padding: 2px 5px;">8</div> </div>	
+5% surcharges	
<b>REFLECTOR</b> ▲	
spot 14°	S
medium 25°	M



### Mounting accessories

#### TRIMLESS MOUNTING SET

for installation in plasterboard ceilings 12/15/25 mm

TYPE	ORDER CODE
flush	0 5 2 - 1 9 2 1 6 2 7
offset	0 5 2 - 1 9 3 1 6 2 7

#### ROUND MOUNTING SET WITH TRIM

for intermediate ceilings 2-25 mm

TYPE	ORDER CODE
flush	0 5 2 - 1 9 2 2 6 2 ☐
offset white	0 5 2 - 1 9 3 2 6 2 7
offset black	0 5 2 - 1 9 3 2 6 2 8

#### SQUARE MOUNTING SET WITH TRIM

for intermediate ceilings 2-25 mm

TYPE	ORDER CODE
flush	0 5 2 - 1 9 4 2 6 1 ☐
offset white	0 5 2 - 1 9 5 2 6 1 7
offset black	0 5 2 - 1 9 5 2 6 1 8

### Options on request

#### SPECIAL COLOUR

vogue	CRI ≥ 90
gallery	CRI 98
gourmet	CRI ≥ 80
fresh meat & fish	CRI ≥ 80
pastry	CRI ≥ 80
brilliant white	CRI ≥ 90

#### REFLECTOR

wide flood 58°	
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#### CONCRETE MOUNTING HOUSING

for 28 W

TYPE	L-W-H (mm)	ORDER CODE
exposed concrete ceilings*	295·295·210	0 6 0 - 0 0 1 5 0
primed concrete ceilings	ø310·210	0 5 2 - 1 9 1 6 6 1 0

\*only for flush mounting

### Optical accessories

TYPE	ORDER CODE
honeycomb louver	0 4 8 - 2 2 9 1 3 1 ☐
linear prismatic lens	0 4 8 - 2 2 9 2 3 1 ☐
snoot	0 4 8 - 2 2 9 1 1 1 ☐
snoot with honeycomb louver	0 4 8 - 2 2 9 1 2 1 ☐

use only 1 optical accessory



## Inspiration

Humanic Store  
Liezen, Austria

**PRODUCT**  
SASSO 150 offset trimless

**ARCHITECT**  
KrizH  
Vienna, Austria

