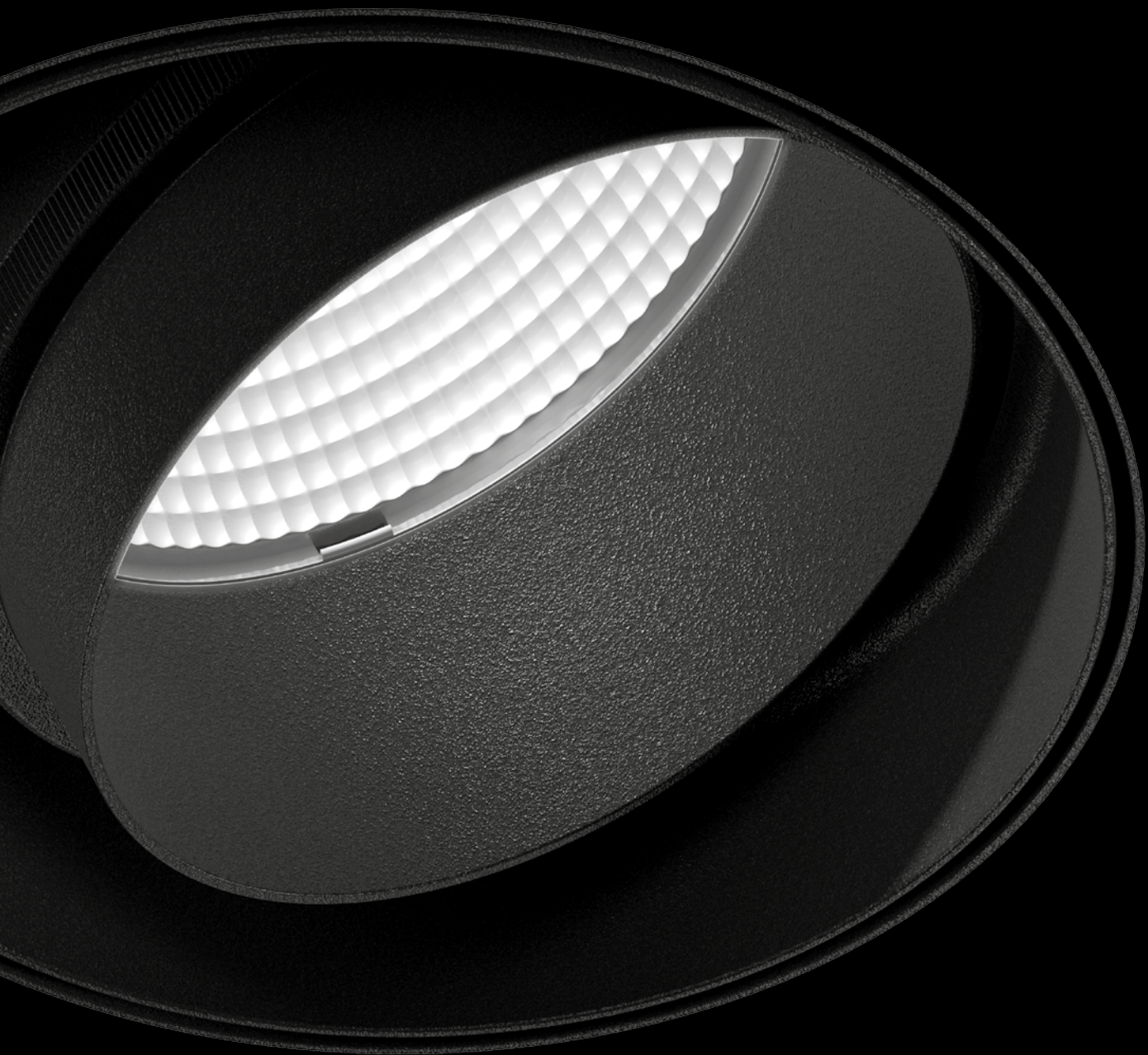


01



EINBAUSTRAHLER / DOWNLIGHTS RECESSED SPOTLIGHTS / DOWNLIGHTS



**SASSO+
 MINI FLUSH**
 → 24



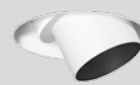
**SASSO+
 MINI OFFSET**
 → 28



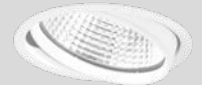
**SASSO+
 MIDI FLUSH**
 → 30



**SASSO+
 MIDI OFFSET**
 → 32



**SASSO+ MIDI
 WLS OFFSET**
 → 36



**SASSO+
 MAXI FLUSH**
 → 38



**SASSO+
 MAXI OFFSET**
 → 40



**SASSO+
 ASYMMETRIC**
 → 44



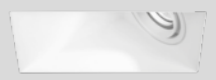
**KARO MINI /
 KARO FRAME
 MINI**
 → 46



**KARO MIDI /
 KARO FRAME
 MIDI**
 → 48



**KARO MAXI /
 KARO FRAME
 MAXI**
 → 50



**INVISIBLE
 ASYMMETRIC**
 → 54



**INVISIBLE
 SQUARE**
 → 60



**INVISIBLE
 ROUND**
 → 70



**INVISIBLE
 RETRO**
 → 76



BUBBLE
 → 82



ARGO
 → 88



AURO FOCUS
 → 92



**AURO ROUND /
 SQUARE**
 → 94



ASMO
 → 96



**MOVE IT 45
 ROUND**
 → 98



**MOVE IT 85
 ROUND**
 → 100



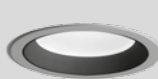
**MOVE IT 45
 SQUARE**
 → 102



**MOVE IT 85
 SQUARE**
 → 104



GRID-IN
 → 108



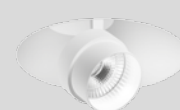
MIRA ROUND
 → 110



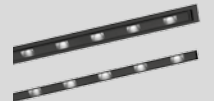
MIRA SQUARE
 → 112



WALL MINI
 → 116



KIS
 → 118



BOOST
 → 120

SASSO+ INSET OVERVIEW

SASSO+ MINI FLUSH page 24

SASSO+ MINI OFFSET page 28

SASSO+ MIDI FLUSH page 30

Mounting Housing

SASSO+ TRIMLESS

ceiling thickness 12/15/25mm



SASSO+ WITH TRIM ROUND

ceiling thickness 2-25mm



SASSO+ WITH TRIM SQUARE

ceiling thickness 2-25mm



INVISIBLE ASYMETRIC

page 54



INVISIBLE SQUARE 1 lamp

page 60



INVISIBLE SQUARE 2 lamps

page 60



INVISIBLE ROUND 1 lamp

page 70



INVISIBLE ROUND 2 lamps

page 70



INVISIBLE RETRO 1 lamp

page 76



INVISIBLE RETRO 2 lamps

page 76



BUBBLE

page 82



Quickinfo

SYSTEM POWER
LUMINOUS EFFICACY
COLOUR TEMPERATURE
COLOUR RENDERING INDEX

8 W, 16 W
up to 69 lm/W
2700 K, 3000 K, CWD
CRI > 90

8 W, 16 W
up to 69 lm/W
2700 K, 3000 K, CWD
CRI > 90

13 W, 18 W CWD, 27 W
up to 77 lm/W
2700 K, 3000 K, 4000 K, CWD
CRI > 90

BEAM ANGLE

8°, 26°, 37°

6°, 26°, 37°

17°, 24°, 36°

DIMENSIONS

ø80 mm / H 83 mm

ø80 mm / H 97 mm

ø98 mm / H 106 mm

ESTIMATED LED LIFETIME

L80 / 50.000 h

L80 / 50.000 h

L80 / 50.000 h

SASSO+ MIDI OFFSET
page 32

SASSO MIDI WLS OFFSET
page 36

SASSO+ MAXI FLUSH
page 38

SASSO+ MAXI OFFSET
page 40



13W, 18W CWD, 27W
up to 77lm/W
2700K, 3000K, 4000K, CWD
CRI > 90

15W, 30W
up to 44lm/W
2700K, 3000K, 4000K
CRI > 90

28W, 42W, 44W
up to 111lm/W
3000K, 4000K, special colour
CRI > 80, CRI > 90

28W, 42W, 44W
up to 111lm/W
3000K, 4000K, special colour
CRI > 80, CRI > 90

17°, 24°, 36°

17°, 24°, 30°

14°, 25°, 41°

14°, 25°, 41°

ø98mm / H 120mm

ø98mm / H 120mm

ø144mm / H 144mm

ø144mm / H 170mm

L80 / 50.000h

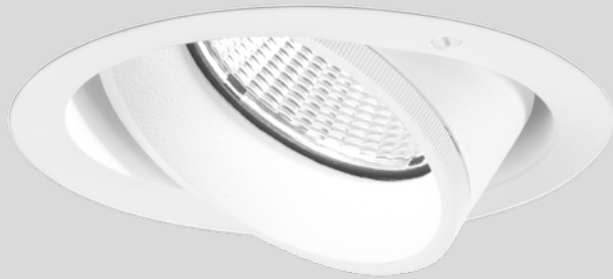
L80 / 50.000h

L80 / 50.000h

L80 / 50.000h

SASSO+ MINI FLUSH

xal.com/sasso-mini-flush



Quickinfo

GENERAL

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

LED

COB LED module
up to 69lm/W
2700K, 3000K, CWD
CRI > 90
Binning < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50.000h

OPTICAL

direct illumination
beam angle 6°, 26°, 37°
optical accessories

ELECTRICAL

non DIM / phase-cut, DIM DALI

PHYSICAL

aluminium
powder-coated

Description

DE Runder Einbaustrahler aus Aluminiumdruckguss; werkzeuglose Montage im Montageset durch Kugelschnappsystem; 360° dreh- und 35° schwenkbar; Oberfläche silbergrau, weiß, schwarz oder gold 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 hoher Farbwiedergabe; Binning < 3-Step MacAdam; lieferbar in den Lichtfarben 2700K und 3000K; optional mit CWD (Colour Warm Dimming); CRI > 90; min. 80% des Lichtstromes nach 50.000h Lebensdauer; hochwertiger Reflektor mit sphärischer Facettenoptik; präzise Abstrahlcharakteristik mit drei verschiedenen Ausstrahlwinkeln; werkzeuglos einsetz- bzw. austauschbar; Schutzart IP20, optional IP44; SK II; dimmbar mit Phasen- bzw. abschnitt oder DALI-dimmbar

EN Round recessed spotlight in die-cast aluminium; installation without tools in mounting set with ball catch system; 360° rotatable and 35° tiltable; surface silver-grey, white, black or gold 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 formation of multiple shadows; energy-efficient LEDs with high colour rendering; binning < 3-Step MacAdam; available in the light colours 2700K and 3000K; 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 IP20, optional IP44; PC II; dimmable with leading or trailing edge phase dimmer or DALI dimmable

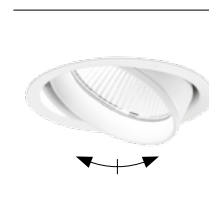
Features



exchangeable light engine



patented ball catch system



rotation adjustment 360°, tilt adjustm. 35°



skimmed into plasterboard ceiling (trimless)

Order options

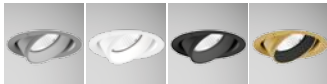
IP RATING	
IP 20	0
IP 44	8

COLOUR TEMPERATURE	
2700 K	4
3000 K	5

CONTROL	
non DIM / phase-cut*	1
DIM DALI	3

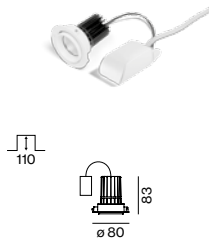
* phase-cut DIM only for 16 W

MATERIAL COLOUR	
silver-grey	6
white	7
black	8
gold	9



REFLECTOR	
medium 26°	M
flood 37°	F

LED LENS	
super spot 6° (only 8 W non DIM)	V



SASSO+ MINI FLUSH



SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
8 W	2700 K	510 lm	0 4 8 - 2 3 1 0 :: 1
8 W CWD	3000 K	550 lm	0 4 8 - 2 3 1 0 0 3
16 W	1800-3000 K	880 lm	0 4 8 - 2 3 1 2 ::
	2700 K	940 lm	
	3000 K		

Light distribution for 16 W, 3000 K

super spot 6°			LOR 86%			medium 27°			LOR 81%			flood 37°			LOR 81%		
h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)
1	23203	ø 0,10	1	2420	ø 0,48	1	1744	ø 0,68	1	1744	ø 0,68	1	1744	ø 0,68	1	1744	ø 0,68
2	5801	ø 0,21	2	605	ø 0,95	2	436	ø 1,35	2	436	ø 1,35	2	436	ø 1,35	2	436	ø 1,35
3	2578	ø 0,31	3	269	ø 1,43	3	194	ø 2,03	3	194	ø 2,03	3	194	ø 2,03	3	194	ø 2,03
4	1450	ø 0,42	4	151	ø 1,91	4	109	ø 2,71	4	109	ø 2,71	4	109	ø 2,71	4	109	ø 2,71
5	928	ø 0,52	5	97	ø 2,38	5	70	ø 3,38	5	70	ø 3,38	5	70	ø 3,38	5	70	ø 3,38

Mounting accessories

MOUNTING SET TRIMLESS

for installation in plasterboard ceilings 12/15/25 mm

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

MOUNTING RING WITH TRIM ROUND

for intermediate ceilings 2-25 mm

COLOUR		ORDER CODE
silver-grey		0 5 2 - 1 9 2 2 3 2 6
white		0 5 2 - 1 9 2 2 3 2 7
black		0 5 2 - 1 9 2 2 3 2 8
gold		0 5 2 - 1 9 2 2 3 2 9

MOUNTING RING WITH TRIM SQUARE

for intermediate ceilings 2-25 mm

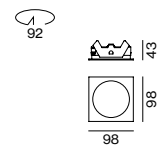
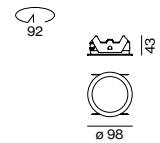
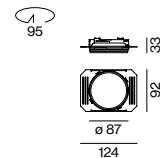
COLOUR		ORDER CODE
white		0 5 2 - 1 9 4 2 3 1 7
black		0 5 2 - 1 9 4 2 3 1 8

CONCRETE MOUNTING HOUSING

for 8 W

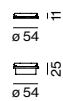
TYPE	L-W-H (mm)	ORDER CODE
exposed concrete ceilings	229-227-160	0 6 0 - 0 0 0 8 0
primed concrete ceilings*	ø 240-400-130	0 5 2 - 1 9 1 4 3 2 0

*order mounting set/ring separately



Order options

MATERIAL COLOUR	
silver-grey	6
white	7
black	8
gold	9



Optical accessories

TYPE	ORDER CODE
honeycomb louvers	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 louvers	0 4 8 - 2 0 9 1 2 1

use only 1 optical accessory

Inspiration

Private Residence
Zurich, Switzerland

SOLUTION
SASSO+ MINI FLUSH

ARCHITECT
Think Architecture AG
Zurich, Switzerland





SASSO+ MINI OFFSET

xal.com/sasso-mini-offset



Quickinfo

GENERAL

recessed (with trim / trimless)
IP20, IP44

LED

COB LED module
up to 69lm/W
2700K, 3000K, CWD
CRI > 90
Binning < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50.000h

OPTICAL

direct illumination
beam angle 6°, 26°, 37°
optical accessories

ELECTRICAL

non DIM / phase-cut, 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 silbergrau, weiß, schwarz oder gold 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 hoher Farbwiedergabe; Binning < 3-Step MacAdam; lieferbar in den Lichtfarben 2700K und 3000K; optional mit CWD (Colour Warm Dimming); CRI > 90; min. 80% des Lichtstromes nach 50.000h Lebensdauer; hochwertiger Reflektor mit sphärischer Facettenoptik; präzise Abstrahlcharakteristik mit drei verschiedenen Ausstrahlwinkeln; werkzeuglos einsetz- bzw. austauschbar; Schutzart IP20, optional IP44; SK II; dimmbar mit Phasen- bzw. abschnitt oder 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 silver-grey, white, black or gold 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 formation of multiple shadows; energy-efficient LEDs with high colour rendering; binning < 3-Step MacAdam; available in the light colours 2700 K and 3000 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 three different beam angles; installed and exchanged without tools; protection class IP20, optional IP44; PC II; dimmable with leading or trailing edge phase dimmer or DALI dimmable

Features



exchangeable light engine



patented ball catch system



skimmed into plasterboard ceiling (trimless)

Order options

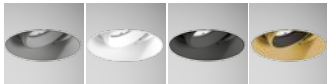
IP RATING	◊
IP 20	0
IP 44	8

COLOUR TEMPERATURE	⋮
2700 K	4
3000 K	5

CONTROL	⬆
non DIM / phase-cut*	1
DIM DALI	3

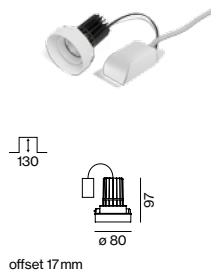
* phase-cut DIM only for 16 W

MATERIAL COLOUR	☑
silver-grey	6
white	7
black	8
gold	9



REFLECTOR	▲
medium 26°	M
flood 37°	F

LED LENS	▲
super spot 6° (only 8 W non DIM)	V



SASSO+ MINI OFFSET



SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
8 W	2700 K	510 lm	0 4 8 - 2 3 2 0 :: 1 ▲
8 W CWD	3000 K	550 lm	0 4 8 - 2 3 2 0 0 3 ▲
16 W	1800-3000 K	880 lm	◊ 4 8 - 2 3 2 2 :: ◊ ▲
	2700 K	880 lm	
	3000 K	940 lm	

Light distribution for 16 W, 3000 K

super spot 6°			LOR 86%			medium 26°			LOR 81%			flood 37°			LOR 81%		
h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)
1	23203	ø 0,10	1	2530	ø 0,48	1	1776	ø 0,68	1	1776	ø 0,68	1	1776	ø 0,68	1	1776	ø 0,68
2	5801	ø 0,21	2	632	ø 0,95	2	444	ø 1,35	2	444	ø 1,35	2	444	ø 1,35	2	444	ø 1,35
3	2578	ø 0,31	3	281	ø 1,43	3	197	ø 2,03	3	197	ø 2,03	3	197	ø 2,03	3	197	ø 2,03
4	1450	ø 0,42	4	158	ø 1,91	4	111	ø 2,71	4	111	ø 2,71	4	111	ø 2,71	4	111	ø 2,71
5	928	ø 0,52	5	101	ø 2,38	5	71	ø 3,38	5	71	ø 3,38	5	71	ø 3,38	5	71	ø 3,38

Mounting accessories

MOUNTING SET OFFSET TRIMLESS
for installation in plasterboard ceilings 12/15/25 mm

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

MOUNTING RING OFFSET WITH TRIM ROUND
for intermediate ceilings 2-25 mm

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

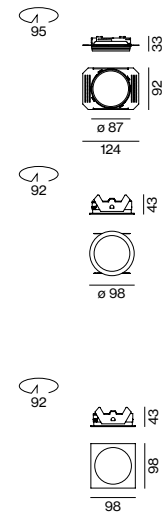
MOUNTING RING OFFSET WITH TRIM SQUARE
for intermediate ceilings 2-25 mm

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

CONCRETE MOUNTING HOUSING
for 8 W

TYPE	Ø-W-H (mm)	ORDER CODE
primed concrete ceilings*	240-400-130	0 5 2 - 1 9 1 4 3 2 0

*order mounting set/ring separately



Order options

MATERIAL COLOUR	☑
silver-grey	6
white	7
black	8
gold	9



Optical accessories

TYPE	ORDER CODE
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

SASSO+ MIDI FLUSH

xal.com/sasso-midi-flush



Quickinfo

GENERAL

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

LED

COB LED module
up to 77 lm/W
2700K, 3000K, 4000K, CWD
CRI > 90
Binning < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50.000 h

OPTICAL

direct illumination
beam angle 17°, 24°, 36°
optical accessories

ELECTRICAL

non DIM / phase-cut, DIM DALI

PHYSICAL

aluminium
powder-coated

Description

DE Runder Einbaustrahler aus Aluminiumdruckguss; werkzeuglose Montage im Montageset durch Kugelschnappsystem; 360° dreh- und 35° schwenkbar; Oberfläche silbergrau, weiß, schwarz oder gold 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 hoher Farbwiedergabe; Binning < 3-Step 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 drei verschiedenen Ausstrahlwinkeln; werkzeuglos einsetz- bzw. austauschbar; Schutzart IP20, optional IP44; SK II; dimmbar mit Phasen- bzw. abschnitt oder DALI-dimmbar

EN Round recessed spotlight in die-cast aluminium; installation without tools in mounting set with ball catch system; 360° rotatable and 35° tiltable; surface silver-grey, white, black or gold 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 formation of multiple shadows; energy-efficient LEDs with high colour rendering; binning < 3 step 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 IP20, optional IP44; PC II; dimmable with leading or trailing edge phase dimmer or DALI dimmable

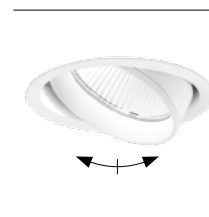
Features



exchangeable light engine



patented ball catch system



rotation adjustment 360°, tilt adjustm. 35°



skimmed into plasterboard ceiling (trimless)

Order options

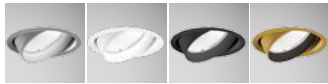
IP RATING	◇
IP 20	0
IP 44	8

COLOUR TEMPERATURE	●●
2700 K	4
3000 K	5
4000 K (only 21 W / 27 W)	6

CONTROL	◇
non DIM / phase-cut*	1
DIM DALI	3

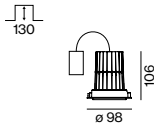
*phase-cut DIM only for 13 W / 27 W

MATERIAL COLOUR	▣
silver-grey	6
white	7
black	8
gold	9



REFLECTOR	▲
spot 17°	S
medium 24°	M
flood 36°	F

LED LENS	▲
spot 12°	S
medium 24°	M



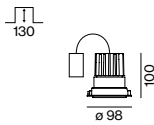
SASSO+ MIDI FLUSH



SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
13 W	2700 K	990 lm	0 4 8 - 2 4 1 0
	3000 K	1000 lm	
18 W CWD	2000-3000 K		0 4 8 - 2 4 1 1 0 3
27 W	2700 K	1690 lm	◇ 4 8 - 2 4 1 2
	3000 K	1700 lm	
	4000 K	2000 lm	

Light distribution for 27 W, 4000 K

spot 17°			LOR 89%			medium 24°			LOR 88%			flood 36°			LOR 87%		
h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)
1	14639	ø 0,31	1	9480	ø 0,42	1	5557	ø 0,65	1	5557	ø 0,65	1	5557	ø 0,65	1	5557	ø 0,65
2	3660	ø 0,61	2	2370	ø 0,84	2	1389	ø 1,30	2	1389	ø 1,30	2	1389	ø 1,30	2	1389	ø 1,30
3	1627	ø 0,92	3	1053	ø 1,26	3	617	ø 1,95	3	617	ø 1,95	3	617	ø 1,95	3	617	ø 1,95
4	915	ø 1,22	4	593	ø 1,69	4	347	ø 2,60	4	347	ø 2,60	4	347	ø 2,60	4	347	ø 2,60
5	586	ø 1,53	5	379	ø 2,11	5	222	ø 3,25	5	222	ø 3,25	5	222	ø 3,25	5	222	ø 3,25



SASSO+ MIDI LENS FLUSH



SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
14 W	2700 K	1200 lm	0 4 8 - 7 4 1 0
	3000 K	1300 lm	
21 W	2700 K	1500 lm	0 4 8 - 7 4 1 1
	3000 K	1600 lm	
	4000 K	1700 lm	

Mounting accessories

MOUNTING SET TRIMLESS

for installation in plasterboard ceilings 12/15/25 mm

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

MOUNTING RING WITH TRIM ROUND

for intermediate ceilings 2-25 mm

COLOUR	ORDER CODE
silver-grey	0 5 2 - 1 9 2 2 4 4 6
white	0 5 2 - 1 9 2 2 4 4 7
black	0 5 2 - 1 9 2 2 4 4 8
gold	0 5 2 - 1 9 2 2 4 4 9

MOUNTING RING WITH TRIM SQUARE

for intermediate ceilings 2-25 mm

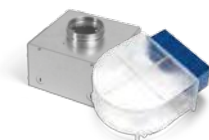
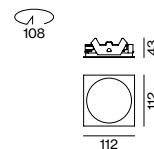
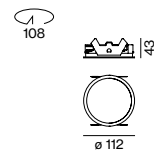
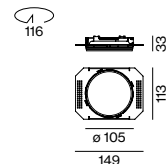
COLOUR	ORDER CODE
white	0 5 2 - 1 9 4 2 4 1 7
black	0 5 2 - 1 9 4 2 4 1 8

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*	ø 240-400-130	0 5 2 - 1 9 1 4 4 2 0

*order mounting set/ring separately



Optical accessories

See page 124 for optical accessories

SASSO+ MIDI OFFSET

xal.com/sasso-midi-offset



Quickinfo

GENERAL

recessed (with trim / trimless)
IP20, IP44

LED

COB LED module
up to 77lm/W
2700K, 3000K, 4000K, CWD
CRI > 90
Binning < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50.000h

OPTICAL

direct illumination
beam angle 17°, 24°, 36°
optical accessories

ELECTRICAL

non DIM / phase-cut, DIM DALI

PHYSICAL

aluminium
powder-coated

Description

DE Runder Einbaustrahler aus Aluminium-druckguss; zurückversetzte Leuchtenebene; werkzeuglose Montageset im Gehäuse durch Kugelschnappsystem; 360° dreh- und 35° schwenkbar; Oberfläche silbergrau, weiß, schwarz oder gold 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 hoher Farbwiedergabe; Binning < 3-Step MacAdam; lieferbar in den Lichtfarben 2700K, 3000K und 4000K; optional mit CWD (Colour Warm Dimming); CRI > 90; min. 80% des Lichtstromes nach 50.000h Lebensdauer; hochwertiger Reflektor mit sphärischer Facettenoptik; präzise Abstrahlcharakteristik mit drei verschiedenen Ausstrahlwinkeln; werkzeuglos einsetz- bzw. austauschbar; Schutzart IP20, optional IP44; SK II; dimmbar mit Phasen- bzw. abschnitt oder 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 silver-grey, white, black or gold 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 formation of multiple shadows; energy-efficient LEDs with high colour rendering; binning < 3 step 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 IP20, optional IP44; PC II; dimmable with leading or trailing edge phase dimmer or DALI dimmable

Features



exchangeable light engine



patented ball catch system



skimmed into plasterboard ceiling (trimless)

Order options

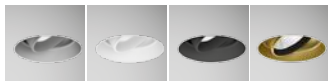
IP RATING	◇
IP 20	0
IP 44	8

COLOUR TEMPERATURE	●●
2700 K	4
3000 K	5
4000 K (only 21 W / 27 W)	6

CONTROL	◇
non DIM / phase-cut*	1
DIM DALI	3

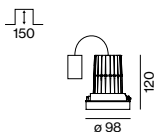
*phase-cut DIM only for 13 W / 27 W

MATERIAL COLOUR	☑
silver-grey	6
white	7
black	8
gold	9



REFLECTOR	▲
spot 17°	S
medium 24°	M
flood 36°	F

LED LENS	▲
spot 12°	S
medium 24°	M



offset 17 mm

SASSO+ MIDI OFFSET



SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
13 W	2700 K	990 lm	0 4 8 - 2 4 2 0
18 W CWD	3000 K	1000 lm	0 4 8 - 2 4 2 1 0 3
27 W	2700 K	1690 lm	0 4 8 - 2 4 2 2
	3000 K	1700 lm	
	4000 K	2000 lm	

Light distribution for 27 W, 4000 K

spot 17°			medium 24°			flood 36°		
h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)
1	14639	ø 0,31	1	9480	ø 0,42	1	5557	ø 0,65
2	3660	ø 0,61	2	2370	ø 0,84	2	1389	ø 1,30
3	1627	ø 0,92	3	1053	ø 1,26	3	617	ø 1,95
4	915	ø 1,22	4	593	ø 1,69	4	347	ø 2,60
5	586	ø 1,53	5	379	ø 2,11	5	222	ø 3,25

SASSO+ MIDI LENS OFFSET



SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
14 W	2700 K	1200 lm	0 4 8 - 7 4 2 0
21 W	3000 K	1300 lm	0 4 8 - 7 4 2 1
	2700 K	1500 lm	
	3000 K	1600 lm	
	4000 K	1700 lm	

Mounting accessories

MOUNTING SET OFFSET TRIMLESS

for installation in plasterboard ceilings 12/15/25 mm

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

MOUNTING RING OFFSET WITH TRIM ROUND

for intermediate ceilings 2-25 mm

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

MOUNTING RING OFFSET WITH TRIM SQUARE

for intermediate ceilings 2-25 mm

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

CONCRETE MOUNTING HOUSING

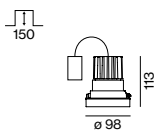
for 13 W and 18 W

TYPE	L-W-H (mm)	ORDER CODE
primed concrete ceilings*	ø 240-400-130	0 5 2 - 1 9 1 4 4 2 0

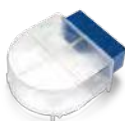
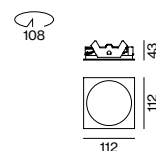
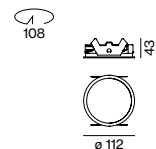
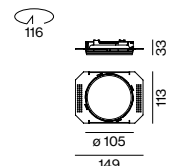
*order mounting set/ring separately

Optical accessories

See page 124 for optical accessories



offset 17 mm



Inspiration

Health Resort
Germany

SOLUTION
SASSO+ MIDI OFFSET

ARCHITECT
ingenhoven architects gmbh
Düsseldorf, Germany

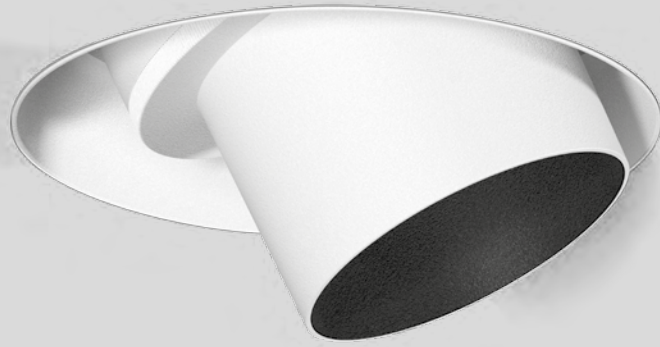
LIGHTING DESIGN
Tropp Lighting Design
Weilheim, Germany





SASSO+ MIDI WLS OFFSET

xal.com/sasso-midi-offset



Quickinfo

GENERAL

recessed (with trim / trimless)
IP20

LED

COB LED module
up to 44 lm/W
2700K, 3000K, 4000K
CRI > 90
Binning < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50.000h

OPTICAL

direct illumination
beam angle 17°, 24°, 30°

ELECTRICAL

non DIM / phase-cut, DIM DALI

PHYSICAL

aluminium
powder-coated

Description

DE Runder Einbaustrahler aus Aluminium-druckguss; zurückversetzte Leuchtenebene; werkzeuglose Montage im Montageset durch Kugelschnappsystem; 360° dreh- und 35° schwenkbar; Oberfläche silbergrau, weiß, schwarz oder gold pulverbeschichtet; Einbau in unterschiedlichen Gehäusen möglich; passive Kühlung der LEDs durch optimierte Kühlkörpergeometrie; COB (Chip on Board) Technologie für höchste Effizienz; keine Bildung von Mehrfachschatten; energieeffiziente LEDs mit hoher Farbwiedergabe; Binning < 3-Step MacAdam; lieferbar in den Lichtfarben 2700K, 3000K und 4000K; optional mit CWD (Colour Warm Dimming); CRI > 90; min. 80% des Lichtstromes nach 50.000h Lebensdauer; hochwertiger Reflektor mit sphärischer Facettenoptik; präzise Abstrahlcharakteristik mit drei verschiedenen Ausstrahlwinkeln; werkzeuglos einsetz- bzw. austauschbar; Schutzart IP20; SK II; dimmbar mit Phasen- bzw. abschnitt oder 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 silver-grey, white, black or gold powder coated; installation possible in different housings; passive cooling of LEDs with optimised heat sink geometry; COB (Chip on Board) technology for maximum efficiency; no formation of multiple shadows; energy-efficient LEDs with high colour rendering; binning < 3 step 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 IP20; PC II; dimmable with leading or trailing edge phase dimmer or DALI dimmable

Features



exchangeable light engine



patented ball catch system



skimmed into plasterboard ceiling (trimless)

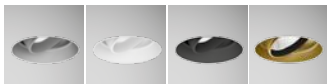
Order options

COLOUR TEMPERATURE	
2700 K	4
3000 K	5
4000 K (only 30 W)	6

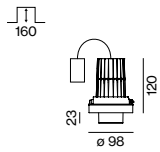
CONTROL	
non DIM / phase-cut*	1
DIM DALI	3

* phase-cut DIM only for 15 W

MATERIAL COLOUR	
silver-grey	6
white	7
black	8
gold	9



REFLECTOR	
spot 17°	S
medium 24°	M
flood 30°	F



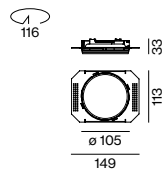
SASSO+ MIDI WLS OFFSET



SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
15 W	2700 K	620 lm	0 4 8 - 2 4 3 0
	3000 K	660 lm	
30 W	2700 K	990 lm	0 4 8 - 2 4 3 2
	3000 K	1100 lm	
	4000 K	1300 lm	

Light distribution for 30 W, 4000 K

spot 17°			medium 24°			flood 30°		
h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)
1	8267	ø 0,31	1	5127	ø 0,42	1	2632	ø 0,54
2	2067	ø 0,61	2	1282	ø 0,84	2	658	ø 1,08
3	919	ø 0,92	3	570	ø 1,26	3	292	ø 1,62
4	517	ø 1,22	4	320	ø 1,69	4	165	ø 2,16
5	331	ø 1,53	5	205	ø 2,11	5	105	ø 2,70

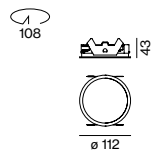


Mounting accessories

MOUNTING SET OFFSET TRIMLESS

for installation in plasterboard ceilings 12/15/25 mm

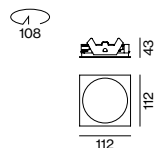
COLOUR	ORDER CODE
white	0 5 2 - 1 9 3 1 4 4 7



MOUNTING RING OFFSET WITH TRIM ROUND

for intermediate ceilings 2-25 mm

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



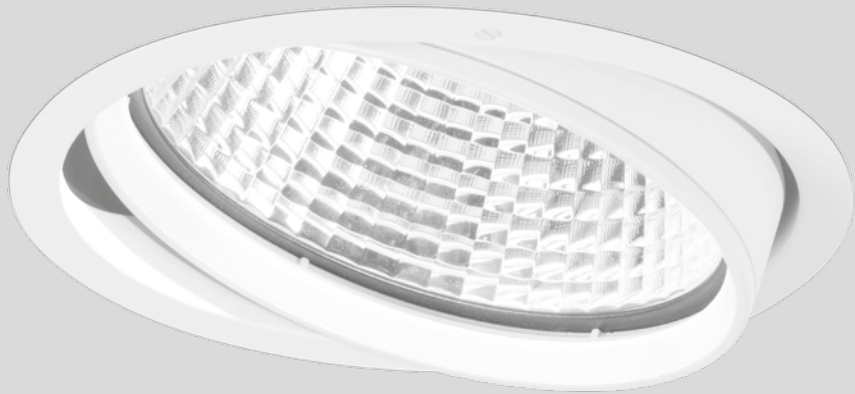
MOUNTING RING OFFSET WITH TRIM SQUARE

for intermediate ceilings 2-25 mm

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

SASSO+ MAXI FLUSH

xal.com/sasso-maxi-flush



Quickinfo

GENERAL

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

LED

COB LED module
up to 111lm/W
3000K, 4000K, special colour
CRI > 80, CRI > 90
Binning < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50.000 h

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; werkzeuglose Montage im Montageset durch Kugelschnappsystem; 360° dreh- und 35° schwenkbar; Oberfläche silbergrau, weiß 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 hoher Farbwiedergabe; Binning < 3-Step MacAdam; lieferbar in den Lichtfarben 3000K und 4000K; optional als High Performance Variante mit erhöhtem Lichtstrom bei reduzierter Leistungsaufnahme; CRI > 80 oder 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; installation without tools in mounting set with ball catch system; 360° rotatable and 35° tiltable; surface silver-grey, white 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 formation of multiple shadows; energy-efficient LEDs with high colour rendering; binning < 3 step MacAdam; available in the light colours 3000K and 4000K; optional as high performance version with increased luminous flux at low power; CRI > 80 or 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

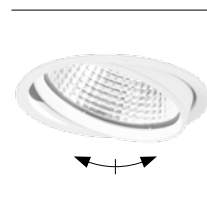
Features



exchangeable light engine



patented ball catch system



rotation adjustment 360°, tilt adjustm. 35°



skimmed into plasterboard ceiling (trimless)

Order options

COLOUR RENDERING INDEX +	
CRI > 80	2
CRI > 90	5

COLOUR TEMPERATURE ::	
3000K	5
4000K	6

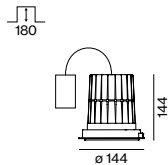
SPECIAL COLOUR ::	
vogue CRI > 90	S
gallery CRI 98	K
gourmet	M
fresh meat & fish	F
pastry	C
brilliant white CRI > 90	W

CONTROL ◆	
non DIM	1
DIM DALI	3

MATERIAL COLOUR ■	
silver-grey	6
white	7
black	8



REFLECTOR ▲	
spot 14°	S
medium 25°	M
flood 41°	F



SASSO+ MAXI FLUSH



STANDARD

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
28 W	3000 K	3000 lm	0 4 8 - 2 + 1 0 ◆◆◆▲
	4000 K	3100 lm	
28 W	special colour		0 4 8 - 2 2 1 0 ◆◆◆▲
45 W	3000 K	3900 lm	0 4 8 - 2 + 1 1 ◆◆◆▲
	4000 K	4100 lm	
44 W	special colour		0 4 8 - 2 2 1 1 ◆◆◆▲

HIGH PERFORMANCE

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
42 W	3000 K	4200 lm	0 4 8 - 3 + 1 1 ◆◆◆▲
	4000 K	4300 lm	
42 W	vogue	2700 lm	0 4 8 - 3 2 1 1 S ◆◆◆▲

luminous flux at CRI 80

Light distribution for 45 W, CRI > 80, 4000 K

spot 14°			LOR 84%			medium 25°			LOR 85%			flood 41°			LOR 83%		
h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)
1	36431	ø 0,24	1	16558	ø 0,44	1	7307	ø 0,74	1	1827	ø 1,48	1	457	ø 2,96	1	292	ø 3,70
2	9108	ø 0,48	2	4139	ø 0,87	2	812	ø 2,22	2	457	ø 2,96	2	292	ø 3,70			
3	4048	ø 0,73	3	1840	ø 1,31	3	812	ø 2,22	3	457	ø 2,96	3	292	ø 3,70			
4	2277	ø 0,97	4	1035	ø 1,74	4	457	ø 2,96	4	292	ø 3,70						
5	1457	ø 1,21	5	662	ø 2,18	5	292	ø 3,70									

Mounting accessories

MOUNTING SET TRIMLESS

for installation in plasterboard ceilings 12/15/25 mm

COLOUR		ORDER CODE
white		0 5 2 - 1 9 2 1 6 2 7

MOUNTING RING WITH TRIM ROUND

for intermediate ceilings 2-25 mm

COLOUR		ORDER CODE
silver-grey		0 5 2 - 1 9 2 2 6 2 6
white		0 5 2 - 1 9 2 2 6 2 7
black		0 5 2 - 1 9 2 2 6 2 8

MOUNTING RING WITH TRIM SQUARE

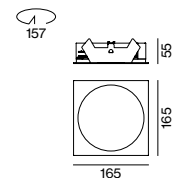
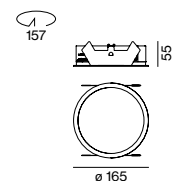
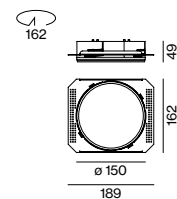
for intermediate ceilings 2-25 mm

COLOUR		ORDER CODE
silver-grey		0 5 2 - 1 9 4 2 6 1 6
white		0 5 2 - 1 9 4 2 6 1 7
black		0 5 2 - 1 9 4 2 6 1 8

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	ø 310-210	0 5 2 - 1 9 1 6 6 1 0



Order options

MATERIAL COLOUR ■	
white	7
black	8



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

SASSO+ MAXI OFFSET

xal.com/sasso-maxi-offset



Quickinfo

GENERAL

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

LED

COB LED module
up to 111lm/W
3000K, 4000K, special colour
CRI > 80, CRI > 90
Binning < 3-Step 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; zurückversetzte Leuchtenebene; werkzeuglose Montage im Montageset durch Kugelschnappsystem; 360° dreh- und 35° schwenkbar; Oberfläche weiß 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 hoher Farbwiedergabe; Binning < 3-Step MacAdam; lieferbar in den Lichtfarben 3000K und 4000K; Optional als High Performance Variante mit erhöhtem Lichtstrom bei reduzierter Leistungsaufnahme; CRI > 80 oder CRI > 90; min. 80 % des Lichtstromes nach 50.000 h Lebensdauer; hochwertiger Aluminiumreflektor mit sphärischer Facettenoptik; hochglänzend eloxiert; farbneutrale Reflexion durch absolute Interferenzfarbfreiheit; für brillante Objektinszenierung; 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; offset lighting level; installation without tools in mounting set with ball catch system; 360° rotatable and 35° tiltable; surface white 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 formation of multiple shadows; energy-efficient LEDs with high colour rendering; binning < 3 step MacAdam; available in the light colours 3000K and 4000K; optional as high performance version with increased luminous flux at low power; CRI > 80 or 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



patented ball catch system



skimmed into plasterboard ceiling (trimless)

Order options

COLOUR RENDERING INDEX +	
CRI > 80	2
CRI > 90	5

COLOUR TEMPERATURE ::	
3000K	5
4000K	6

SPECIAL COLOUR ::		
vogue	CRI > 90	S
gallery	CRI 98	K
gourmet		M
fresh meat & fish		F
pastry		C
brilliant white	CRI > 90	W

CONTROL ◆	
non DIM	1
DIM DALI	3

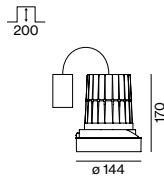
MATERIAL COLOUR ■	
white	7
black	8



REFLECTOR ▲	
spot 14°	S
medium 25°	M
flood 41°	F

Order options

MATERIAL COLOUR ■	
white	7
black	8



offset 29 mm

SASSO+ MAXI OFFSET



STANDARD

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
28 W	3000 K	3000 lm	0 4 8 - 2 + 2 0 ◆◆◆▲
	4000 K	3100 lm	
28 W	special colour		0 4 8 - 2 2 2 0 ◆◆◆▲
45 W	3000 K	3800 lm	0 4 8 - 2 + 2 1 ◆◆◆▲
	4000 K	4000 lm	
44 W	special colour		0 4 8 - 2 2 2 1 ◆◆◆▲

HIGH PERFORMANCE

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
42 W	3000 K	4200 lm	0 4 8 - 3 + 2 1 ◆◆◆▲
	4000 K	4300 lm	
42 W	vogue	2700 lm	0 4 8 - 3 2 2 1 S ◆◆◆▲

luminous flux at CRI 80

Light distribution for 45 W, CRI > 80, 4000 K

spot 14°			LOR 84%			medium 25°			LOR 85%			flood 41°			LOR 83%		
h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)
1	35953	ø 0,24	1	16344	ø 0,44	1	7210	ø 0,74	1	1803	ø 1,48	1	801	ø 2,22	1	451	ø 2,96
2	8988	ø 0,48	2	4086	ø 0,87	2	1816	ø 1,31	2	451	ø 2,96	2	288	ø 3,70	2	1803	ø 1,48
3	3995	ø 0,73	3	1816	ø 1,31	3	801	ø 2,22	3	288	ø 3,70	3	1803	ø 1,48	3	801	ø 2,22
4	2247	ø 0,97	4	1022	ø 1,74	4	451	ø 2,96	4	1803	ø 1,48	4	801	ø 2,22	4	288	ø 3,70
5	1438	ø 1,21	5	654	ø 2,18	5	288	ø 3,70	5	1803	ø 1,48	5	801	ø 2,22	5	288	ø 3,70

Mounting accessories

MOUNTING SET OFFSET TRIMLESS

for installation in plasterboard ceilings 12/15/25 mm

COLOUR		ORDER CODE
white		0 5 2 - 1 9 3 1 6 2 7

MOUNTING RING OFFSET WITH TRIM ROUND

for intermediate ceilings 2–25 mm

COLOUR		ORDER CODE
white		0 5 2 - 1 9 3 2 6 2 7
black		0 5 2 - 1 9 3 2 6 2 8

MOUNTING RING OFFSET WITH TRIM SQUARE

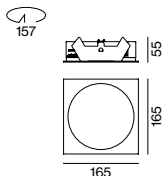
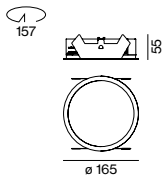
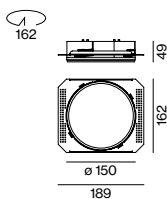
for intermediate ceilings 2–25 mm

COLOUR		ORDER CODE
white		0 5 2 - 1 9 5 2 6 1 7

CONCRETE MOUNTING HOUSING

for 28 W

TYPE	Ø-H (mm)	ORDER CODE
primed concrete ceilings	310·210	0 5 2 - 1 9 1 6 6 1 0



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

Fashion Store Leffers
Oldenburg, Germany

SOLUTION
SASSO+ MIDI OFFSET

ARCHITECT
Blocher Blocher Partners
Stuttgart, Germany

LIGHTING DESIGN
VEDDER.LICHTMANAGEMENT
Munich, Germany





SASSO+ ASYMMETRIC

xal.com/sasso-asymmetric



Quickinfo

GENERAL

recessed
IP20

LED

COB LED module
up to 76 lm/W
2700K, 3000K, 4000K
CRI > 90
Binning < 3-Step MacAdam

ESTIMATED LED LIFETIME

L80 / 50.000h

OPTICAL

asymmetric illumination

ELECTRICAL

non DIM / phase-cut, DIM DALI

PHYSICAL

aluminium
powder-coated

Description

DE Runder Einbaustrahler aus Aluminiumdruckguss mit asymmetrischer Abstrahlcharakteristik; mittels Montagefeder werkzeuglos montierbar; Oberfläche weiß, schwarz oder gold pulverbeschichtet; passive Kühlung der LEDs durch optimierte Kühlkörpergeometrie; COB (Chip on Board) Technologie für höchste Effizienz; keine Bildung von Mehrfachschatten; energieeffiziente LEDs mit hoher Farbwiedergabe; Binning < 3-Step 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 IP20; SK II; dimmbar mit Phasen- bzw. abschnitt oder DALI-dimmbar

EN Round recessed spotlight in die-cast aluminium with asymmetric radiation characteristic; spring mounting without tools; surface white, black or gold powder coated; passive cooling of LEDs with optimised heat sink geometry; COB (Chip on Board) technology for maximum efficiency; no formation of multiple shadows; energy-efficient LEDs with high colour rendering; binning < 3 step 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 IP20; PC II; dimmable with leading or trailing edge phase dimmer or DALI dimmable

Order options

COLOUR TEMPERATURE ⬢⬢

2700 K	4
3000 K	5
4000 K (only 27 W)	6

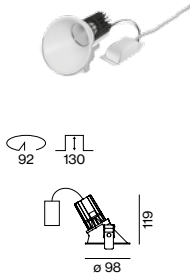
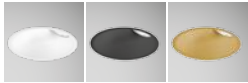
CONTROL ⬢

non DIM / phase-cut*	1
DIM DALI	3

*phase-cut DIM only for 16 W / 27 W

MATERIAL COLOUR ⬢

white	7
black	8
gold	9

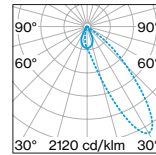


SASSO+ MIDI ASYMMETRIC

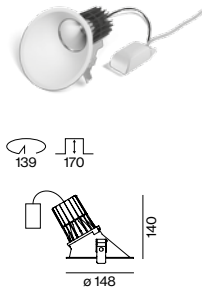


SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
8 W	2700 K	500 lm	0 4 8 - 2 4 0 0 :: 1 ⬢ M
	3000 K	530 lm	
16 W	2700 K	850 lm	0 4 8 - 2 4 0 2 :: ⬢ ⬢ M
	3000 K	910 lm	

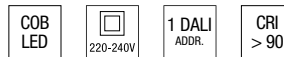
Light distribution



Asymmetric
direct
LOR 79 %

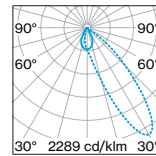


SASSO+ MAXI ASYMMETRIC



SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
13 W	2700 K	980 lm	0 4 8 - 2 5 0 0 :: ⬢ ⬢ M
	3000 K	990 lm	
27 W	2700 K	1600 lm	0 4 8 - 2 5 0 2 :: ⬢ ⬢ M
	3000 K	1700 lm	
	4000 K	1900 lm	

Light distribution



Asymmetric
direct
LOR 85 %