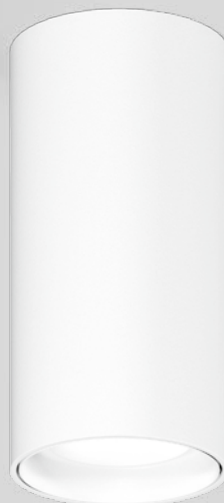


SASSO

ceiling

xal.com/sasso



Quickinfo

GENERAL

ceiling mounted
IP20
light engine exchangeable

LED

COB LED module
up to 101lm/W
2700K, 3000K, 4000K
CRI ≥ 90
Binning initial ≤ 3 MacAdam

ESTIMATED LED LIFETIME

L80/50 000h

OPTICAL

beam angle 18°, 24°, 36° (100)
beam angle 14°, 25°, 41° (150)
optical accessories

ELECTRICAL

non DIM, DIM DALI

PHYSICAL

aluminium
powder-coated

Description

DE Zylindrischer Aufbaustrahler aus Aluminium in 2 verschiedenen Durchmessern; werkzeuglose Montage im Gehäuse durch Kugelschnappsystem; 360° dreh- und 15° schwenkbar; Oberfläche weiß oder schwarz pulverbeschichtet; 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 2700K, 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 I; optional DALI-dimmbar

EN Cylindrical surface mounted spotlight in aluminium in 2 different diameters; installation without tools in housing with ball catch system; 360° rotatable and 15° tiltable; surface powder coated in white or black; 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 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 I; optional DALI dimmable

Standard configuration

COLOUR TEMPERATURE 
3000K 5

CONTROL 
non DIM 1

MATERIAL COLOUR 
white 7




7

REFLECTOR SASSO 100 / 150 
flood 36° / 41° F



SASSO 100 ceiling




SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
15W	2700K 3000K	1360lm 1410lm	0 4 8 - 2 4 4 0   

LIGHT DISTRIBUTION for 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	7824	ø 0,31	1	5067	ø 0,42	1	2970	ø 0,65
2	1956	ø 0,62	2	1266	ø 0,84	2	742	ø 1,31
3	869	ø 0,93	3	563	ø 1,27	3	330	ø 1,96
4	489	ø 1,24	4	316	ø 1,69	4	185	ø 2,61
5	312	ø 1,55	5	202	ø 2,11	5	118	ø 3,27

Extended configuration


COLOUR TEMPERATURE 
2700K 4
4000K 6

CONTROL 
DIM DALI 3

MATERIAL COLOUR 
black 8

8





+5% surcharges

REFLECTOR SASSO 100 / 150 
spot 18° / 14° S
medium 24° / 25° M



Optical accessories




SASSO 100

TYPE	Ø-H (mm)	ORDER CODE
honeycomb	74-11	0 4 8 - 2 1 9 1 3 1 
linear prismatic lens	74-11	0 4 8 - 2 1 9 2 3 1 
snoot	74-25	0 4 8 - 2 1 9 1 1 1 
snoot + honeycomb	74-25	0 4 8 - 2 1 9 1 2 1 

use only 1 optical accessory

SASSO 150 ceiling







SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
28W	3000K 4000K	2640lm 2830lm	0 4 8 - 2 5 4 0   

LIGHT DISTRIBUTION for 3000K

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	23559	ø 0,24	1	10710	ø 0,44	1	4724	ø 0,74
2	5889	ø 0,48	2	2677	ø 0,87	2	1181	ø 1,48
3	2617	ø 0,73	3	1190	ø 1,31	3	524	ø 2,22
4	1472	ø 0,97	4	669	ø 1,74	4	295	ø 2,96
5	942	ø 1,21	5	428	ø 2,18	5	188	ø 3,70

Optical accessories

SASSO 150

TYPE	Ø-H (mm)	ORDER CODE
honeycomb	119-11	0 4 8 - 2 2 9 1 3 1 
linear prismatic lens	119-11	0 4 8 - 2 2 9 2 3 1 
snoot	119-25	0 4 8 - 2 2 9 1 1 1 
snoot + honeycomb	119-25	0 4 8 - 2 2 9 1 2 1 

use only 1 optical accessory

Options on request

INDIVIDUAL MATERIAL COLOUR
please contact factory



Inspiration

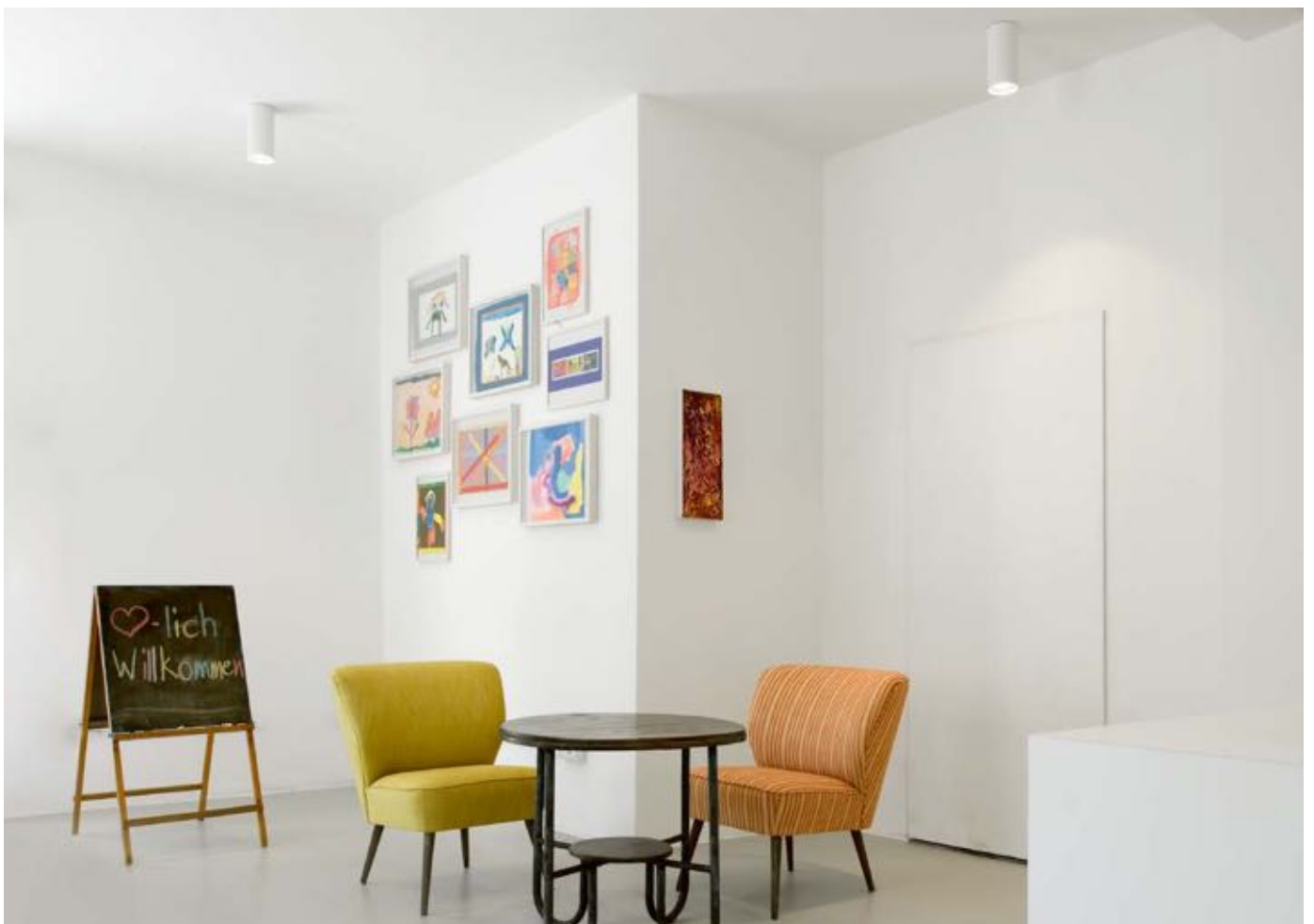
Kinderkunsthhaus
Munich, Germany

PRODUCT
SASSO 100 ceiling

ARCHITECT
ateliersv
Munich, Germany

LIGHTING DESIGN
ateliersv
Munich, Germany





Inspiration

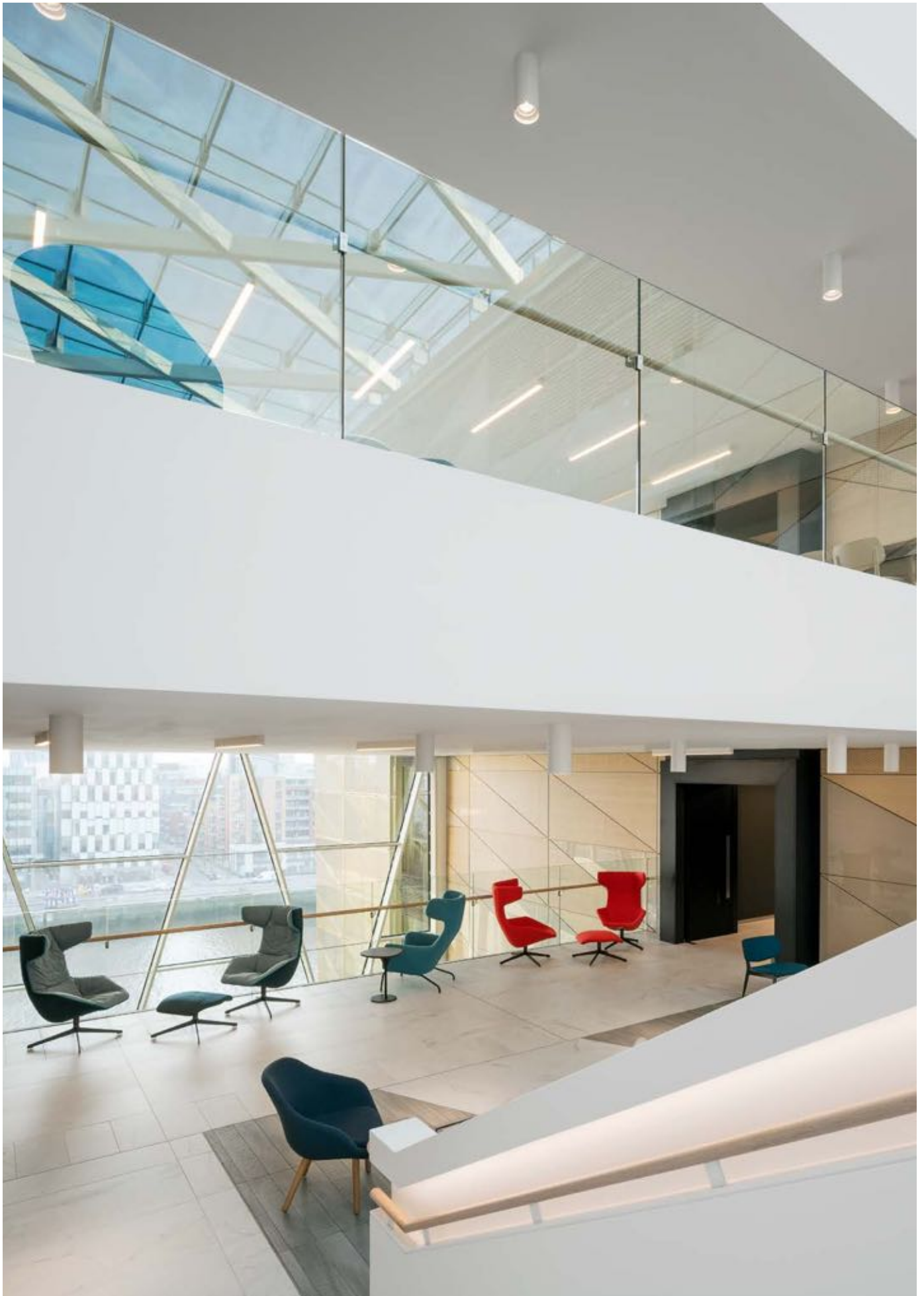
Bank of Ireland
Dublin, Ireland

PRODUCT
SASSO 100 ceiling

ARCHITECT
Henry J Lyons Architects
Dublin, Ireland

LIGHTING DESIGN
O'Connor Sutton Cronin
Dublin, Ireland

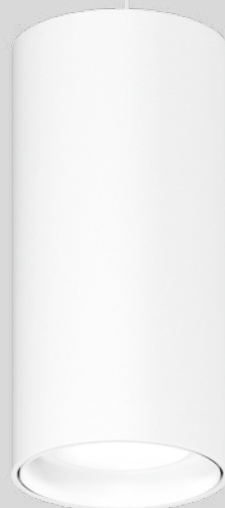




SASSO

suspended

xal.com/sasso



Quickinfo

GENERAL

suspended
IP20
light engine exchangeable

LED

COB LED module
up to 101lm/W
2700K, 3000K, 4000K
CRI ≥ 90
Binning initial ≤ 3 MacAdam

ESTIMATED LED LIFETIME

L80/50000h

OPTICAL

beam angle 18°, 24°, 36° (100)
beam angle 14°, 25°, 41° (150)
optical accessories

ELECTRICAL

non DIM, DIM DALI
transparent power cable

PHYSICAL

aluminium
powder-coated

Description

DE Zylindrischer Strahler aus Aluminium in 2 verschiedenen Durchmessern; Pendelleuchte mit 1500 mm Seilabhängung; 5x0,75 mm²; 360° dreh- und 15° schwenkbar; Oberfläche weiß oder schwarz pulverbeschichtet; 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 Aluminiumreflektor mit sphärischer Facettenoptik; hochglänzend eloxiert; präzise Abstrahlcharakteristik mit drei verschiedenen Ausstrahlwinkeln; werkzeuglos einsetz- bzw. austauschbar; Schutzart IP20; SK I; optional DALI-dimmbar

EN Cylindrical spotlight in aluminium in 2 different diameters; Suspended luminaire with 1500 mm cable suspension; 5x0,75 mm²; 360° rotatable and 15° tiltable; surface powder coated in white or black; 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 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; high gloss anodised; precise radiation characteristic with three different beam angles; installed and exchanged without tools; protection class IP20; PC I; optional DALI dimmable

Standard configuration

COLOUR TEMPERATURE 
3000K 5

CONTROL 
non DIM 1

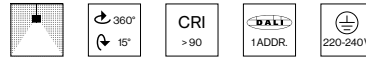
MATERIAL COLOUR 
white 7






REFLECTOR SASSO 100 / 150 
flood 36° / 41° F



SASSO 100 suspended




SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
15W	2700K	1360lm	0 4 8 - 2 4 5 0   
	3000K	1410lm	

LIGHT DISTRIBUTION for 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	7824	ø 0,31	1	5067	ø 0,42	1	2970	ø 0,65
2	1956	ø 0,62	2	1266	ø 0,84	2	742	ø 1,31
3	869	ø 0,93	3	563	ø 1,27	3	330	ø 1,96
4	489	ø 1,24	4	316	ø 1,69	4	185	ø 2,61
5	312	ø 1,55	5	202	ø 2,11	5	118	ø 3,27

Extended configuration

COLOUR TEMPERATURE 
2700K 4
4000K 6

CONTROL 
DIM DALI 3

MATERIAL COLOUR 
black 8







+5% surcharges

REFLECTOR SASSO 100 / 150 
spot 18° / 14° S
medium 24° / 25° M



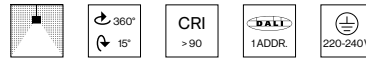
Optical accessories




SASSO 100

TYPE	Ø-H (mm)	ORDER CODE
honeycomb	74-11	0 4 8 - 2 1 9 1 3 1 
linear prismatic lens	74-11	0 4 8 - 2 1 9 2 3 1 
snoot	74-25	0 4 8 - 2 1 9 1 1 1 
snoot + honeycomb	74-25	0 4 8 - 2 1 9 1 2 1 

use only 1 optical accessory

SASSO 150 suspended



SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
28W	3000K	2640lm	0 4 8 - 2 5 5 0   
	4000K	2830lm	

LIGHT DISTRIBUTION for 3000K

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	23559	ø 0,24	1	10710	ø 0,44	1	4724	ø 0,74
2	5889	ø 0,48	2	2677	ø 0,87	2	1181	ø 1,48
3	2617	ø 0,73	3	1190	ø 1,31	3	524	ø 2,22
4	1472	ø 0,97	4	669	ø 1,74	4	295	ø 2,96
5	942	ø 1,21	5	428	ø 2,18	5	188	ø 3,70





Options on request

INDIVIDUAL MATERIAL COLOUR
please contact factory



Optical accessories

SASSO 150

TYPE	Ø-H (mm)	ORDER CODE
honeycomb	119-11	0 4 8 - 2 2 9 1 3 1 
linear prismatic lens	119-11	0 4 8 - 2 2 9 2 3 1 
snoot	119-25	0 4 8 - 2 2 9 1 1 1 
snoot + honeycomb	119-25	0 4 8 - 2 2 9 1 2 1 

use only 1 optical accessory



Inspiration

Hirslanden Ortho Clinic
Zurich, Switzerland

ARCHITECT
Itten+Brechtbühl AG
Basel, Switzerland

PRODUCT
SASSO 100 surface
SASSO 100 suspended

